

**Appendix B:
Air Quality and Greenhouse Gas Emissions Supporting Information**

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Appendix B: Air Quality and Greenhouse Gas Supporting Information

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Tracy Alliance Distribution Center CalEEMod Notes

Note 1. CO₂ Intensity Factor adjusted to match PG&E 2017 emissions rates, the latest that are publicly available.¹ The intensity factor utilized in the model is 210 pounds per megawatt-hour delivered.

Note 2. Land uses and sizes associated with development of the proposed project are drawn from the HPA Architecture conceptual site plan for Paradise Rd and Grant Line Rd, Tracy, CA, dated December 17, 2020. Land uses utilized in the model represent the following:

Project Phase 1 (Tracy Alliance Parcels):

Commercial > General Office Building > 57 x 1000sqft = 57,000 square feet of office space across all three proposed buildings.

Industrial > Unrefrigerated Warehouse-No Rail > 1,792.5 x 1000sqft = 1,792,500 square feet of warehouse space across all three proposed buildings.

Parking > Parking Lot > 1,706 x Space = 572 trailer parking spaces and 1,134 auto parking spaces. Auto parking spaces remained consistent with model defaults of 400 square feet per parking space; however, the 572 trailer parking spaces would be 10' x 55' and were calculated for total square footage and added to auto parking land use.

Parking > Other Non-Asphalt Surfaces > 49.65 x acre = The remainder of the 109.74-acre project site, including the proposed drainage basin, included to account for required grading activities during construction. 109.74 acres were used as the project site total acreage as the December 17, 2020, site plans illustrate that 13.36 acres would be occupied by the future highway interchange, which is not included as part of the proposed project.

Commercial > User Defined Commercial > 1 x User Defined Metric = land use assignment for passenger vehicle trips. No other emission factors are associated with this land use.

Industrial > User Defined Industrial > 4 x User Defined Metric = land use assignment for truck vehicle trips. No other emission factors are associated with this land use.

Project Phase 2 (Suvik Farms Parcels):

Industrial > Unrefrigerated Warehouse-No Rail > 1,023.66 x 1000sqft = 1,023,660 square feet of proposed warehouse space.

Parking > Parking Lot > 276 x Space = 276 proposed auto parking spaces.

Parking > Other Non-Asphalt Surfaces > 20.97 x acre = The remainder of the 47-acre project site as shown on the December 17, 2020, site plans. This is included to account for required grading activities across the project site.

¹ Pacific Gas & Electric. 2018. Corporate Responsibility and Sustainability Report 2018. Website: http://www.pgecorp.com/corp_responsibility/reports/2018/assets/PGE_CRSR_2018.pdf. Accessed June 18, 2020.

Commercial > User Defined Commercial > 1 x User Defined Metric = land use assignment for passenger vehicle trips. No other emission factors are associated with this land use.

Industrial > User Defined Industrial > 1 x User Defined Metric = land use assignment for truck vehicle trips. No other emission factors are associated with this land use.

Project Phase 3 (Zuriakat Parcel):

Industrial > Unrefrigerated Warehouse-No Rail > 479.16 x 1000sqft = 479,160 square feet of proposed warehouse space.

Parking > Parking Lot > 140 x Space = 140 proposed auto parking spaces.

Parking > Other Non-Asphalt Surfaces > 9.71 x acre = The remainder of the 22-acre project site as shown on the December 17, 2020, site plans. This is included to account for required grading activities across the project site.

Commercial > User Defined Commercial > 1 x User Defined Metric = land use assignment for passenger vehicle trips. No other emission factors are associated with this land use.

Industrial > User Defined Industrial > 1 x User Defined Metric = land use assignment for truck vehicle trips. No other emission factors are associated with this land use.

Existing Land Uses

Residential > Single Family Housing > 2 x Dwelling Unit = existing on-site residential buildings.

Industrial > Unrefrigerated Warehouse-No Rail > 25.75 x 1000sqft = the remainder of the approximately 29,350 square feet of agricultural buildings currently on-site.

Note 3. According to Applicant-provided information, dated July 14, 2020, project construction would follow this schedule:

Project Phase 1 (Tracy Alliance Parcel):

- Site Improvements (e.g., site preparation, grading): 4/2022 – 12/2022
- Building Construction (e.g., building construction, architectural coating, paving): 9/2022 – 3/2023
- Operations: Begin 4/2023

Project Phase 2 (Suvik Parcel):

- Site Improvements (e.g., site preparation, grading): 4/2023 – 12/2023
- Building Construction (e.g., building construction, architectural coating, paving): 9/2023 – 3/2024
- Operations: Begin 4/2024

Project Phase 3 (Zuriakat Parcel):

- Site Improvements (e.g., site preparation, grading): 4/2024 – 12/2024

- Building Construction (e.g., building construction, architectural coating, paving): 9/2024 – 3/2025
- Operations: Begin 4/2025

CalEEMod default construction activities and durations were adjusted to reflect this anticipated schedule.

Note 4. In response to the adjusted construction schedule and the size of the proposed project, default construction models were produced to estimate the default construction activity duration and equipment demand. As CalEEMod is based on construction site surveys for construction site up to 30 acres in size, the default construction models were reduced to be between 5 and 30 acres to identify construction activity duration and equipment demand more representative of the proposed activities. The construction activity duration and equipment demand contained in the default construction models were summed within each project phase to identify the anticipated construction activity duration and equipment demand for the proposed project.

Based on the default construction models, the default construction equipment quantity and operating hours for site preparation, building construction, grading, paving, and architectural coating activities in each project phase were adjusted to retain the default horsepower hours with the default construction schedule. Demolition activities were reduced to 20 workdays (4 work weeks) as a reasonable estimate for removal of existing on-site structures. No adjustments to demolition equipment demand were made. See the Horsepower Hour Conservation sheets and the default construction models included in Appendix A.

Note 5. According to measurements taken on Google Earth, the existing structures and residences total approximately 29,350 square feet.

Note 6. During the proposed project construction model, all operational emission sources were reduced to zero to separate modeled construction emissions from operational emission results. During the proposed project operational models, all construction emission sources were reduced to zero to separate modeled construction and operational emission results.

Note 7. Kimley-Horn and Associates produced a Transportation Impact Analysis (TIA) for the proposed project, dated November 2020, that analyzes the trip generation rates for the proposed project. As contained therein, Project Phase 1 (Tracy Alliance Parcel) would generate an estimated 1,775 daily passenger vehicle trips and 836 daily truck trips. Project Phase 2 (Suvik Farms Parcels) would generate an estimated 974 daily passenger vehicle trips and 459 daily truck trips. Project Phase 3 (Zuriakat Parcels) would generate an estimated 456 daily passenger vehicle trips and 215 daily truck trips. Therefore, the vehicle trips generated by the proposed project were adjusted in the operational models to match the estimated daily vehicle trips disclosed in the TIA. Please refer to the Vehicle Trips and Fleet Mix Adjustments Sheet contained in Appendix B for more detailed information.

Note 8. Pacific Gas and Electric's (PG&E) 2030 CO₂ intensity factor is derived from an assumed 2030 power mix based on equal proportions of generation sources in 2017. The only factor that

has been uniquely adjusted for 2030 is the change of eligible renewable energy sources total proportion from 33% to 60% to comply with Senate Bill 100's 2030 performance goals. Based on known factors for PG&E's 2017 CO₂ intensity factor, a proximate CO₂ intensity factor of 184 pounds per megawatt-hour delivered was identified for 2030. Please see PG&E Intensity Factors in Appendix A of this report for more information.

Note 9. As unmitigated construction emissions during construction of the proposed project would exceed the SJVAPCD's annual thresholds of 10 tons per year for emissions of nitrogen oxides (NO_x), MM AIR-1a was applied to the MITIGATED model for construction of all phases of the proposed project.

MM AIR-1a would require the project applicant, prior to the issuance of grading or building permits, provide documentation to the City demonstrating the following:

- For all construction equipment and vehicles used during project construction that are equal to or greater than 250 horsepower, the contractor shall use construction equipment and vehicles that meet the United States Environmental Protection Agency (EPA) Tier 4 Final engine standards;
- For all construction equipment and vehicles used during project construction that are less than 250 horsepower, the contractor shall use electric construction equipment and vehicles to the extent feasible, with the exception of handheld generator sets; and
- All handheld generator sets shall be limited to 5 horsepower and shall only be used to power handheld power tools.

Note 10. The proposed project's unmitigated ROG emissions would exceed the SJVAPCD's annual significance threshold. Therefore, MM AIR-1b was applied to the MITIGATED construction models for the proposed project.

MM AIR-1b would require the project applicant, prior to the issuance of grading or building permits, provide the City with documentation demonstrating the use of "Super-Compliant" architectural coatings during construction of the proposed project. "Super-Compliant" architectural coatings, as defined by the South Coast Air Quality Management District, are paints which do not exceed 10 grams of ROG per liter of paint. Therefore, the MITIGATED construction models for the proposed project were adjusted to demonstrate the use of architectural coatings containing 10 grams of ROG per liter.

Note 11. The proposed project would be required to implement MM AIR-1c to reduce operational ROG emissions to less than significant levels. MM AIR-1c would require the project applicant, prior to the issuance of a certificate of occupancy for phase 1 of the Tracy Alliance Project, provide the City with documentation demonstrating the planned use of consumer products that contain zero volatile organic compounds during operation of phase 1 of the proposed project. "Consumer products," as referred to in this mitigation measure, shall include, but are not limited to, detergents; cleaning compounds; polishes; floor finishes; cosmetics; and personal care products. "Consumer products," as referred to in this mitigation measure, shall not include parking lot degreasers, architectural coatings, and fertilizers.

Note 12. The proposed project would be required to implement MM AIR-1d to reduce operational NOx emissions to less than significant levels. MM AIR-1d would require the project applicant, prior to the issuance of a certificate of occupancy for phase 1 of the Tracy Alliance Project, provide the City with documentation demonstrating the planned use of a “clean truck fleet” that meets or exceeds a performance standard of 0.02 gram of NOx per brake-horsepower hour for all heavy-duty (HHD) trucks during project operation. Therefore, the mitigated operational “TRUCKS ONLY” models for each phase of the proposed project were adjusted to demonstrate the use of trucks meeting the requirements of MM AIR-1d.

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - DEFAULT CONSTRUCTION MODEL 1 OF 4 - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - DEFAULT CONSTRUCTION MODEL 1 OF 4
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	14.25	1000sqft	0.33	14,250.00	0
Unrefrigerated Warehouse-No Rail	448.13	1000sqft	10.29	448,125.00	0
Other Non-Asphalt Surfaces	12.41	Acre	12.41	540,688.50	0
Parking Lot	427.00	Space	4.41	192,050.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2	Operational Year	2023		
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -
Land Use - CalEEMod Note 2
Construction Phase -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	448,130.00	448,125.00
tblLandUse	LandUseSquareFeet	170,800.00	192,050.00
tblLandUse	LotAcreage	3.84	4.41

2.0 Emissions Summary

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	0.3589	3.4433	2.8014	8.3600e-003	0.6495	0.1163	0.7659	0.2545	0.1082	0.3627	0.0000	756.5482	756.5482	0.1117	0.0000	759.3405
2023	0.4671	4.0094	3.9426	0.0150	0.6871	0.0962	0.7834	0.1866	0.0905	0.2771	0.0000	1,367.9206	1,367.9206	0.1073	0.0000	1,370.6031
2024	3.5329	1.3633	1.4816	5.0500e-003	0.2248	0.0352	0.2600	0.0610	0.0330	0.0939	0.0000	460.4803	460.4803	0.0439	0.0000	461.5782
Maximum	3.5329	4.0094	3.9426	0.0150	0.6871	0.1163	0.7834	0.2545	0.1082	0.3627	0.0000	1,367.9206	1,367.9206	0.1117	0.0000	1,370.6031

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	0.3589	3.4433	2.8014	8.3600e-003	0.6495	0.1163	0.7659	0.2545	0.1082	0.3627	0.0000	756.5478	756.5478	0.1117	0.0000	759.3401
2023	0.4671	4.0094	3.9426	0.0150	0.6871	0.0962	0.7834	0.1866	0.0905	0.2771	0.0000	1,367.9203	1,367.9203	0.1073	0.0000	1,370.6027
2024	3.5329	1.3633	1.4816	5.0500e-003	0.2248	0.0352	0.2600	0.0610	0.0330	0.0939	0.0000	460.4801	460.4801	0.0439	0.0000	461.5781
Maximum	3.5329	4.0094	3.9426	0.0150	0.6871	0.1163	0.7834	0.2545	0.1082	0.3627	0.0000	1,367.9203	1,367.9203	0.1117	0.0000	1,370.6027

	ROG	NOx	CO	SO2	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	4-1-2022	6-30-2022	1.1097	1.1097
2	7-1-2022	9-30-2022	1.3621	1.3621
3	10-1-2022	12-31-2022	1.3432	1.3432
4	1-1-2023	3-31-2023	1.1131	1.1131
5	4-1-2023	6-30-2023	1.1168	1.1168
6	7-1-2023	9-30-2023	1.1291	1.1291
7	10-1-2023	12-31-2023	1.1379	1.1379
8	1-1-2024	3-31-2024	1.0793	1.0793
9	4-1-2024	6-30-2024	2.0686	2.0686
10	7-1-2024	9-30-2024	1.7350	1.7350
		Highest	2.0686	2.0686

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	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Energy	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	819.3575	819.3575	0.0329	9.0900e-003	822.8891
Mobile	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Waste						0.0000	0.0000		0.0000	0.0000	88.1975	0.0000	88.1975	5.2123	0.0000	218.5057
Water						0.0000	0.0000		0.0000	0.0000	33.6806	168.6937	202.3742	3.4669	0.0833	313.8593
Total	2.4457	1.6595	2.8697	0.0127	0.9331	0.0190	0.9521	0.2501	0.0185	0.2686	121.8781	2,079.7978	2,201.6759	8.7550	0.0924	2,448.0701

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	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Energy	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	819.3575	819.3575	0.0329	9.0900e-003	822.8891
Mobile	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Waste						0.0000	0.0000		0.0000	0.0000	88.1975	0.0000	88.1975	5.2123	0.0000	218.5057
Water						0.0000	0.0000		0.0000	0.0000	33.6806	168.6937	202.3742	3.4669	0.0833	313.8593
Total	2.4457	1.6595	2.8697	0.0127	0.9331	0.0190	0.9521	0.2501	0.0185	0.2686	121.8781	2,079.7978	2,201.6759	8.7550	0.0924	2,448.0701

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	5/12/2022	5	30	
2	Site Preparation	Site Preparation	5/13/2022	6/9/2022	5	20	
3	Grading	Grading	6/10/2022	8/11/2022	5	45	
4	Building Construction	Building Construction	8/12/2022	4/18/2024	5	440	
5	Paving	Paving	4/19/2024	6/6/2024	5	35	
6	Architectural Coating	Architectural Coating	6/7/2024	7/25/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 16.82

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 693,563; Non-Residential Outdoor: 231,188; Striped Parking

OffRoad Equipment

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

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	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	501.00	196.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	100.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3434
Total	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3434

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	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760
Total	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760

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	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3433
Total	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3433

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	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760
Total	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760

3.3 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					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3308	0.1970	3.8000e-004		0.0161	0.0161		0.0148	0.0148	0.0000	33.4394	33.4394	0.0108	0.0000	33.7098
Total	0.0317	0.3308	0.1970	3.8000e-004	0.1807	0.0161	0.1968	0.0993	0.0148	0.1142	0.0000	33.4394	33.4394	0.0108	0.0000	33.7098

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	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808
Total	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808

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					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3308	0.1970	3.8000e-004		0.0161	0.0161		0.0148	0.0148	0.0000	33.4394	33.4394	0.0108	0.0000	33.7097
Total	0.0317	0.3308	0.1970	3.8000e-004	0.1807	0.0161	0.1968	0.0993	0.0148	0.1142	0.0000	33.4394	33.4394	0.0108	0.0000	33.7097

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	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808
Total	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808

3.4 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					0.1952	0.0000	0.1952	0.0809	0.0000	0.0809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0816	0.8740	0.6534	1.4000e-003		0.0368	0.0368		0.0338	0.0338	0.0000	122.7029	122.7029	0.0397	0.0000	123.6950
Total	0.0816	0.8740	0.6534	1.4000e-003	0.1952	0.0368	0.2319	0.0809	0.0338	0.1148	0.0000	122.7029	122.7029	0.0397	0.0000	123.6950

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	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519
Total	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519

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					0.1952	0.0000	0.1952	0.0809	0.0000	0.0809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0816	0.8740	0.6534	1.4000e-003		0.0368	0.0368		0.0338	0.0338	0.0000	122.7027	122.7027	0.0397	0.0000	123.6948
Total	0.0816	0.8740	0.6534	1.4000e-003	0.1952	0.0368	0.2319	0.0809	0.0338	0.1148	0.0000	122.7027	122.7027	0.0397	0.0000	123.6948

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	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519
Total	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519

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	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0213	117.0213	0.0280	0.0000	117.7221
Total	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0213	117.0213	0.0280	0.0000	117.7221

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	0.0305	1.0045	0.2016	2.7500e-003	0.0654	2.6100e-003	0.0680	0.0189	2.5000e-003	0.0214	0.0000	260.9270	260.9270	0.0148	0.0000	261.2963
Worker	0.0865	0.0578	0.5940	1.8300e-003	0.2015	1.2800e-003	0.2028	0.0536	1.1800e-003	0.0548	0.0000	165.8671	165.8671	3.9300e-003	0.0000	165.9653
Total	0.1170	1.0622	0.7957	4.5800e-003	0.2669	3.8900e-003	0.2708	0.0725	3.6800e-003	0.0762	0.0000	426.7941	426.7941	0.0187	0.0000	427.2617

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
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Category	tons/yr										MT/yr					
Off-Road	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0211	117.0211	0.0280	0.0000	117.7220
Total	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0211	117.0211	0.0280	0.0000	117.7220

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	0.0305	1.0045	0.2016	2.7500e-003	0.0654	2.6100e-003	0.0680	0.0189	2.5000e-003	0.0214	0.0000	260.9270	260.9270	0.0148	0.0000	261.2963
Worker	0.0865	0.0578	0.5940	1.8300e-003	0.2015	1.2800e-003	0.2028	0.0536	1.1800e-003	0.0548	0.0000	165.8671	165.8671	3.9300e-003	0.0000	165.9653
Total	0.1170	1.0622	0.7957	4.5800e-003	0.2669	3.8900e-003	0.2708	0.0725	3.6800e-003	0.0762	0.0000	426.7941	426.7941	0.0187	0.0000	427.2617

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	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
Total	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

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	0.0557	2.0062	0.4372	6.9000e-003	0.1683	2.0600e-003	0.1704	0.0487	1.9700e-003	0.0506	0.0000	655.4804	655.4804	0.0266	0.0000	656.1450
Worker	0.2070	0.1332	1.3937	4.5500e-003	0.5188	3.2000e-003	0.5220	0.1379	2.9500e-003	0.1409	0.0000	411.0940	411.0940	9.0300e-003	0.0000	411.3198
Total	0.2627	2.1394	1.8309	0.0115	0.6871	5.2600e-003	0.6924	0.1866	4.9200e-003	0.1915	0.0000	1,066.5745	1,066.5745	0.0356	0.0000	1,067.4648

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
Total	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

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
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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	0.0557	2.0062	0.4372	6.9000e-003	0.1683	2.0600e-003	0.1704	0.0487	1.9700e-003	0.0506	0.0000	655.4804	655.4804	0.0266	0.0000	656.1450
Worker	0.2070	0.1332	1.3937	4.5500e-003	0.5188	3.2000e-003	0.5220	0.1379	2.9500e-003	0.1409	0.0000	411.0940	411.0940	9.0300e-003	0.0000	411.3198
Total	0.2627	2.1394	1.8309	0.0115	0.6871	5.2600e-003	0.6924	0.1866	4.9200e-003	0.1915	0.0000	1,066.5745	1,066.5745	0.0356	0.0000	1,067.4648

3.5 Building Construction - 2024
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5804	91.5804	0.0217	0.0000	92.1218
Total	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5804	91.5804	0.0217	0.0000	92.1218

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	0.0163	0.6042	0.1255	2.0800e-003	0.0512	6.2000e-004	0.0518	0.0148	5.9000e-004	0.0154	0.0000	197.6872	197.6872	7.9700e-003	0.0000	197.8865
Worker	0.0587	0.0363	0.3902	1.3200e-003	0.1576	9.5000e-004	0.1586	0.0419	8.7000e-004	0.0428	0.0000	119.5413	119.5413	2.4500e-003	0.0000	119.6026

Total	0.0751	0.6405	0.5157	3.4000e-003	0.2088	1.5700e-003	0.2104	0.0567	1.4600e-003	0.0582	0.0000	317.2285	317.2285	0.0104	0.0000	317.4891
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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	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5803	91.5803	0.0217	0.0000	92.1217
Total	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5803	91.5803	0.0217	0.0000	92.1217

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	0.0163	0.6042	0.1255	2.0800e-003	0.0512	6.2000e-004	0.0518	0.0148	5.9000e-004	0.0154	0.0000	197.6872	197.6872	7.9700e-003	0.0000	197.8865
Worker	0.0587	0.0363	0.3902	1.3200e-003	0.1576	9.5000e-004	0.1586	0.0419	8.7000e-004	0.0428	0.0000	119.5413	119.5413	2.4500e-003	0.0000	119.6026
Total	0.0751	0.6405	0.5157	3.4000e-003	0.2088	1.5700e-003	0.2104	0.0567	1.4600e-003	0.0582	0.0000	317.2285	317.2285	0.0104	0.0000	317.4891

3.6 Paving - 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	0.0173	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298
Paving	5.7800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0231	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298

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	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865
Total	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865

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	0.0173	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298
Paving	5.7800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	0.0231	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298
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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	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865
Total	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.3675					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	3.3707	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745

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	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766
Total	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766

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	3.3675					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	3.3707	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745

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	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766
Total	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766

4.0 Operational Detail - Mobile

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	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Unmitigated	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	157.18	35.06	14.96	285,372	285,372
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	752.86	752.86	752.86	2,197,978	2,197,978
Total	910.04	787.91	767.82	2,483,351	2,483,351

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	660.7283	660.7283	0.0299	6.1800e-003	663.3172
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	660.7283	660.7283	0.0299	6.1800e-003	663.3172
NaturalGas Mitigated	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718
NaturalGas Unmitigated	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

5.2 Energy by Land Use - NaturalGas Unmitigated

	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					
General Office Building	234555	1.2600e-003	0.0115	9.6600e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.5168	12.5168	2.4000e-004	2.3000e-004	12.5911
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	2.73804e+006	0.0148	0.1342	0.1127	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.1124	146.1124	2.8000e-003	2.6800e-003	146.9807
Total		0.0160	0.1457	0.1224	8.8000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

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					
General Office Building	234555	1.2600e-003	0.0115	9.6600e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.5168	12.5168	2.4000e-004	2.3000e-004	12.5911
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	2.73804e+006	0.0148	0.1342	0.1127	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.1124	146.1124	2.8000e-003	2.6800e-003	146.9807
Total		0.0160	0.1457	0.1224	8.8000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

5.3 Energy by Land Use - Electricity

Unmitigated

Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
General Office Building	142643	41.4963	1.8800e-003	3.9000e-004	41.6589
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	67217.5	19.5543	8.8000e-004	1.8000e-004	19.6310
Unrefrigerated Warehouse-No 006	2.06137e+006	599.6776	0.0271	5.6100e-003	602.0273
Total		660.7283	0.0299	6.1800e-003	663.3172

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	142643	41.4963	1.8800e-003	3.9000e-004	41.6589
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	67217.5	19.5543	8.8000e-004	1.8000e-004	19.6310
Unrefrigerated Warehouse-No 006	2.06137e+006	599.6776	0.0271	5.6100e-003	602.0273
Total		660.7283	0.0299	6.1800e-003	663.3172

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	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Unmitigated	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172

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	0.3368					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.7000e-004	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Total	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172

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	0.3368					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.7000e-004	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172

Total	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
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7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	202.3742	3.4669	0.0833	313.8593
Unmitigated	202.3742	3.4669	0.0833	313.8593

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.53271 / 1.5523	6.3708	0.0828	2.0000e-003	9.0366
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	103.63 / 0	196.0034	3.3842	0.0813	304.8228
Total		202.3742	3.4669	0.0833	313.8593

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.53271 / 1.5523	6.3708	0.0828	2.0000e-003	9.0366
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	103.63 / 0	196.0034	3.3842	0.0813	304.8228
Total		202.3742	3.4669	0.0833	313.8593

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	88.1975	5.2123	0.0000	218.5057
Unmitigated	88.1975	5.2123	0.0000	218.5057

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	13.25	2.6896	0.1590	0.0000	6.6635
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	421.24	85.5079	5.0534	0.0000	211.8422
Total		88.1975	5.2123	0.0000	218.5057

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	13.25	2.6896	0.1590	0.0000	6.6635
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	421.24	85.5079	5.0534	0.0000	211.8422
Total		88.1975	5.2123	0.0000	218.5057

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - DEFAULT CONSTRUCTION MODEL 2 OF 4 - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - DEFAULT CONSTRUCTION MODEL 2 OF 4
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	14.25	1000sqft	0.33	14,250.00	0
Unrefrigerated Warehouse-No Rail	448.13	1000sqft	10.29	448,125.00	0
Other Non-Asphalt Surfaces	12.41	Acre	12.41	540,688.50	0
Parking Lot	427.00	Space	4.41	192,050.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - CalEEMod Note 2

Construction Phase -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	448,130.00	448,125.00
tblLandUse	LandUseSquareFeet	170,800.00	192,050.00

tblLandUse	LotAcreage	3.84	4.41
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2.0 Emissions Summary

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	0.3589	3.4433	2.8014	8.3600e-003	0.6495	0.1163	0.7659	0.2545	0.1082	0.3627	0.0000	756.5482	756.5482	0.1117	0.0000	759.3405
2023	0.4671	4.0094	3.9426	0.0150	0.6871	0.0962	0.7834	0.1866	0.0905	0.2771	0.0000	1,367.9206	1,367.9206	0.1073	0.0000	1,370.6031
2024	3.5329	1.3633	1.4816	5.0500e-003	0.2248	0.0352	0.2600	0.0610	0.0330	0.0939	0.0000	460.4803	460.4803	0.0439	0.0000	461.5782
Maximum	3.5329	4.0094	3.9426	0.0150	0.6871	0.1163	0.7834	0.2545	0.1082	0.3627	0.0000	1,367.9206	1,367.9206	0.1117	0.0000	1,370.6031

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	0.3589	3.4433	2.8014	8.3600e-003	0.6495	0.1163	0.7659	0.2545	0.1082	0.3627	0.0000	756.5478	756.5478	0.1117	0.0000	759.3401
2023	0.4671	4.0094	3.9426	0.0150	0.6871	0.0962	0.7834	0.1866	0.0905	0.2771	0.0000	1,367.9203	1,367.9203	0.1073	0.0000	1,370.6027
2024	3.5329	1.3633	1.4816	5.0500e-003	0.2248	0.0352	0.2600	0.0610	0.0330	0.0939	0.0000	460.4801	460.4801	0.0439	0.0000	461.5781
Maximum	3.5329	4.0094	3.9426	0.0150	0.6871	0.1163	0.7834	0.2545	0.1082	0.3627	0.0000	1,367.9203	1,367.9203	0.1117	0.0000	1,370.6027

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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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
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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2022	6-30-2022	1.1097	1.1097
2	7-1-2022	9-30-2022	1.3621	1.3621
3	10-1-2022	12-31-2022	1.3432	1.3432
4	1-1-2023	3-31-2023	1.1131	1.1131
5	4-1-2023	6-30-2023	1.1168	1.1168
6	7-1-2023	9-30-2023	1.1291	1.1291
7	10-1-2023	12-31-2023	1.1379	1.1379
8	1-1-2024	3-31-2024	1.0793	1.0793
9	4-1-2024	6-30-2024	2.0686	2.0686
10	7-1-2024	9-30-2024	1.7350	1.7350
		Highest	2.0686	2.0686

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	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Energy	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	819.3575	819.3575	0.0329	9.0900e-003	822.8891
Mobile	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Waste						0.0000	0.0000		0.0000	0.0000	88.1975	0.0000	88.1975	5.2123	0.0000	218.5057
Water						0.0000	0.0000		0.0000	0.0000	33.6806	168.6937	202.3742	3.4669	0.0833	313.8593
Total	2.4457	1.6595	2.8697	0.0127	0.9331	0.0190	0.9521	0.2501	0.0185	0.2686	121.8781	2,079.7978	2,201.6759	8.7550	0.0924	2,448.0701

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	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Energy	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	819.3575	819.3575	0.0329	9.0900e-003	822.8891
Mobile	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Waste						0.0000	0.0000		0.0000	0.0000	88.1975	0.0000	88.1975	5.2123	0.0000	218.5057
Water						0.0000	0.0000		0.0000	0.0000	33.6806	168.6937	202.3742	3.4669	0.0833	313.8593
Total	2.4457	1.6595	2.8697	0.0127	0.9331	0.0190	0.9521	0.2501	0.0185	0.2686	121.8781	2,079.7978	2,201.6759	8.7550	0.0924	2,448.0701

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	5/12/2022	5	30	
2	Site Preparation	Site Preparation	5/13/2022	6/9/2022	5	20	
3	Grading	Grading	6/10/2022	8/11/2022	5	45	
4	Building Construction	Building Construction	8/12/2022	4/18/2024	5	440	
5	Paving	Paving	4/19/2024	6/6/2024	5	35	
6	Architectural Coating	Architectural Coating	6/7/2024	7/25/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 16.82

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 693,563; Non-Residential Outdoor: 231,188; Striped Parking

OffRoad Equipment

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

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	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Building Construction	9	501.00	196.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	100.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3434
Total	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3434

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	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760
Total	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760

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	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3433
Total	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3433

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	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760
Total	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760

3.3 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
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Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3308	0.1970	3.8000e-004		0.0161	0.0161		0.0148	0.0148	0.0000	33.4394	33.4394	0.0108	0.0000	33.7098
Total	0.0317	0.3308	0.1970	3.8000e-004	0.1807	0.0161	0.1968	0.0993	0.0148	0.1142	0.0000	33.4394	33.4394	0.0108	0.0000	33.7098

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	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808
Total	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808

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					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3308	0.1970	3.8000e-004		0.0161	0.0161		0.0148	0.0148	0.0000	33.4394	33.4394	0.0108	0.0000	33.7097
Total	0.0317	0.3308	0.1970	3.8000e-004	0.1807	0.0161	0.1968	0.0993	0.0148	0.1142	0.0000	33.4394	33.4394	0.0108	0.0000	33.7097

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	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808
Total	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808

3.4 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					0.1952	0.0000	0.1952	0.0809	0.0000	0.0809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0816	0.8740	0.6534	1.4000e-003		0.0368	0.0368		0.0338	0.0338	0.0000	122.7029	122.7029	0.0397	0.0000	123.6950
Total	0.0816	0.8740	0.6534	1.4000e-003	0.1952	0.0368	0.2319	0.0809	0.0338	0.1148	0.0000	122.7029	122.7029	0.0397	0.0000	123.6950

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
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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	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519
Total	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519

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					0.1952	0.0000	0.1952	0.0809	0.0000	0.0809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0816	0.8740	0.6534	1.4000e-003		0.0368	0.0368		0.0338	0.0338	0.0000	122.7027	122.7027	0.0397	0.0000	123.6948
Total	0.0816	0.8740	0.6534	1.4000e-003	0.1952	0.0368	0.2319	0.0809	0.0338	0.1148	0.0000	122.7027	122.7027	0.0397	0.0000	123.6948

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	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519

Total	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519
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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	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0213	117.0213	0.0280	0.0000	117.7221
Total	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0213	117.0213	0.0280	0.0000	117.7221

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	0.0305	1.0045	0.2016	2.7500e-003	0.0654	2.6100e-003	0.0680	0.0189	2.5000e-003	0.0214	0.0000	260.9270	260.9270	0.0148	0.0000	261.2963
Worker	0.0865	0.0578	0.5940	1.8300e-003	0.2015	1.2800e-003	0.2028	0.0536	1.1800e-003	0.0548	0.0000	165.8671	165.8671	3.9300e-003	0.0000	165.9653
Total	0.1170	1.0622	0.7957	4.5800e-003	0.2669	3.8900e-003	0.2708	0.0725	3.6800e-003	0.0762	0.0000	426.7941	426.7941	0.0187	0.0000	427.2617

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	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0211	117.0211	0.0280	0.0000	117.7220
Total	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0211	117.0211	0.0280	0.0000	117.7220

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	0.0305	1.0045	0.2016	2.7500e-003	0.0654	2.6100e-003	0.0680	0.0189	2.5000e-003	0.0214	0.0000	260.9270	260.9270	0.0148	0.0000	261.2963
Worker	0.0865	0.0578	0.5940	1.8300e-003	0.2015	1.2800e-003	0.2028	0.0536	1.1800e-003	0.0548	0.0000	165.8671	165.8671	3.9300e-003	0.0000	165.9653
Total	0.1170	1.0622	0.7957	4.5800e-003	0.2669	3.8900e-003	0.2708	0.0725	3.6800e-003	0.0762	0.0000	426.7941	426.7941	0.0187	0.0000	427.2617

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	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
Total	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

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	0.0557	2.0062	0.4372	6.9000e-003	0.1683	2.0600e-003	0.1704	0.0487	1.9700e-003	0.0506	0.0000	655.4804	655.4804	0.0266	0.0000	656.1450
Worker	0.2070	0.1332	1.3937	4.5500e-003	0.5188	3.2000e-003	0.5220	0.1379	2.9500e-003	0.1409	0.0000	411.0940	411.0940	9.0300e-003	0.0000	411.3198
Total	0.2627	2.1394	1.8309	0.0115	0.6871	5.2600e-003	0.6924	0.1866	4.9200e-003	0.1915	0.0000	1,066.5745	1,066.5745	0.0356	0.0000	1,067.4648

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
Total	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

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	0.0557	2.0062	0.4372	6.9000e-003	0.1683	2.0600e-003	0.1704	0.0487	1.9700e-003	0.0506	0.0000	655.4804	655.4804	0.0266	0.0000	656.1450
Worker	0.2070	0.1332	1.3937	4.5500e-003	0.5188	3.2000e-003	0.5220	0.1379	2.9500e-003	0.1409	0.0000	411.0940	411.0940	9.0300e-003	0.0000	411.3198
Total	0.2627	2.1394	1.8309	0.0115	0.6871	5.2600e-003	0.6924	0.1866	4.9200e-003	0.1915	0.0000	1,066.5745	1,066.5745	0.0356	0.0000	1,067.4648

3.5 Building Construction - 2024
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5804	91.5804	0.0217	0.0000	92.1218
Total	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5804	91.5804	0.0217	0.0000	92.1218

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	0.0163	0.6042	0.1255	2.0800e-003	0.0512	6.2000e-004	0.0518	0.0148	5.9000e-004	0.0154	0.0000	197.6872	197.6872	7.9700e-003	0.0000	197.8865

Worker	0.0587	0.0363	0.3902	1.3200e-003	0.1576	9.5000e-004	0.1586	0.0419	8.7000e-004	0.0428	0.0000	119.5413	119.5413	2.4500e-003	0.0000	119.6026
Total	0.0751	0.6405	0.5157	3.4000e-003	0.2088	1.5700e-003	0.2104	0.0567	1.4600e-003	0.0582	0.0000	317.2285	317.2285	0.0104	0.0000	317.4891

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	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5803	91.5803	0.0217	0.0000	92.1217
Total	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5803	91.5803	0.0217	0.0000	92.1217

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	0.0163	0.6042	0.1255	2.0800e-003	0.0512	6.2000e-004	0.0518	0.0148	5.9000e-004	0.0154	0.0000	197.6872	197.6872	7.9700e-003	0.0000	197.8865
Worker	0.0587	0.0363	0.3902	1.3200e-003	0.1576	9.5000e-004	0.1586	0.0419	8.7000e-004	0.0428	0.0000	119.5413	119.5413	2.4500e-003	0.0000	119.6026
Total	0.0751	0.6405	0.5157	3.4000e-003	0.2088	1.5700e-003	0.2104	0.0567	1.4600e-003	0.0582	0.0000	317.2285	317.2285	0.0104	0.0000	317.4891

3.6 Paving - 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	0.0173	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298
Paving	5.7800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0231	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298

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	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865
Total	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865

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	0.0173	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298

Paving	5.7800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0231	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298

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	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865
Total	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.3675					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	3.3707	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745

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	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766
Total	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766

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	3.3675					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	3.3707	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745

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	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766
Total	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766

4.0 Operational Detail - Mobile

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	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Unmitigated	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	157.18	35.06	14.96	285,372	285,372
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	752.86	752.86	752.86	2,197,978	2,197,978
Total	910.04	787.91	767.82	2,483,351	2,483,351

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	660.7283	660.7283	0.0299	6.1800e-003	663.3172
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	660.7283	660.7283	0.0299	6.1800e-003	663.3172
NaturalGas Mitigated	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718
NaturalGas Unmitigated	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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					
General Office Building	234555	1.2600e-003	0.0115	9.6600e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.5168	12.5168	2.4000e-004	2.3000e-004	12.5911
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	2.73804e+006	0.0148	0.1342	0.1127	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.1124	146.1124	2.8000e-003	2.6800e-003	146.9807
Total		0.0160	0.1457	0.1224	8.8000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

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					
General Office Building	234555	1.2600e-003	0.0115	9.6600e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.5168	12.5168	2.4000e-004	2.3000e-004	12.5911
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	2.73804e+006	0.0148	0.1342	0.1127	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.1124	146.1124	2.8000e-003	2.6800e-003	146.9807
Total		0.0160	0.1457	0.1224	8.8000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	142643	41.4963	1.8800e-003	3.9000e-004	41.6589
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	67217.5	19.5543	8.8000e-004	1.8000e-004	19.6310
Unrefrigerated Warehouse-No	2.06137e+006	599.6776	0.0271	5.6100e-003	602.0273
Total		660.7283	0.0299	6.1800e-003	663.3172

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	142643	41.4963	1.8800e-003	3.9000e-004	41.6589
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	67217.5	19.5543	8.8000e-004	1.8000e-004	19.6310
Unrefrigerated Warehouse-No	2.06137e+006	599.6776	0.0271	5.6100e-003	602.0273
Total		660.7283	0.0299	6.1800e-003	663.3172

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	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Unmitigated	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172

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	0.3368					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.7000e-004	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Total	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172

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
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SubCategory	tons/yr								MT/yr						
Architectural Coating	0.3368					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8532					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.7000e-004	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005	3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Total	2.1907	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005	3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	202.3742	3.4669	0.0833	313.8593
Unmitigated	202.3742	3.4669	0.0833	313.8593

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.53271 / 1.5523	6.3708	0.0828	2.0000e-003	9.0366

Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	103.63 / 0	196.0034	3.3842	0.0813	304.8228
Total		202.3742	3.4669	0.0833	313.8593

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.53271 / 1.5523	6.3708	0.0828	2.0000e-003	9.0366
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	103.63 / 0	196.0034	3.3842	0.0813	304.8228
Total		202.3742	3.4669	0.0833	313.8593

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			

Mitigated	88.1975	5.2123	0.0000	218.5057
Unmitigated	88.1975	5.2123	0.0000	218.5057

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	13.25	2.6896	0.1590	0.0000	6.6635
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	421.24	85.5079	5.0534	0.0000	211.8422
Total		88.1975	5.2123	0.0000	218.5057

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	13.25	2.6896	0.1590	0.0000	6.6635
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	421.24	85.5079	5.0534	0.0000	211.8422

Total		88.1975	5.2123	0.0000	218.5057
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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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - DEFAULT CONSTRUCTION MODEL 3 OF 4 - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - DEFAULT CONSTRUCTION MODEL 3 OF 4
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	14.25	1000sqft	0.33	14,250.00	0
Unrefrigerated Warehouse-No Rail	448.13	1000sqft	10.29	448,125.00	0
Other Non-Asphalt Surfaces	12.41	Acre	12.41	540,688.50	0
Parking Lot	427.00	Space	4.41	192,050.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - CalEEMod Note 2

Construction Phase -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	43,964.00	35,829.00
tblAreaCoating	Area_Parking	43964	35829

tblLandUse	LandUseSquareFeet	448,130.00	448,125.00
tblLandUse	LandUseSquareFeet	170,800.00	192,050.00
tblLandUse	LotAcreage	3.84	4.41
tblTripsAndVMT	VendorTripNumber	196.00	174.00

2.0 Emissions Summary

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	0.5115	4.6544	3.8419	0.0118	0.7043	0.1529	0.8572	0.2378	0.1427	0.3805	0.0000	1,071.4337	1,071.4337	0.1278	0.0000	1,074.6277
2022	2.3081	3.4320	3.2314	0.0111	0.5026	0.0911	0.5937	0.1362	0.0856	0.2218	0.0000	1,008.2320	1,008.2320	0.0925	0.0000	1,010.5449
Maximum	2.3081	4.6544	3.8419	0.0118	0.7043	0.1529	0.8572	0.2378	0.1427	0.3805	0.0000	1,071.4337	1,071.4337	0.1278	0.0000	1,074.6277

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	0.5115	4.6544	3.8418	0.0118	0.7043	0.1529	0.8572	0.2378	0.1427	0.3805	0.0000	1,071.4333	1,071.4333	0.1278	0.0000	1,074.6272
2022	2.3081	3.4320	3.2314	0.0111	0.5026	0.0911	0.5937	0.1362	0.0856	0.2218	0.0000	1,008.2317	1,008.2317	0.0925	0.0000	1,010.5446
Maximum	2.3081	4.6544	3.8418	0.0118	0.7043	0.1529	0.8572	0.2378	0.1427	0.3805	0.0000	1,071.4333	1,071.4333	0.1278	0.0000	1,074.6272

	ROG	NOx	CO	SO2	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	1-27-2021	4-26-2021	1.4391	1.4391
2	4-27-2021	7-26-2021	1.3523	1.3523
3	7-27-2021	10-26-2021	1.3676	1.3676
4	10-27-2021	1-26-2022	1.3463	1.3463
5	1-27-2022	4-26-2022	1.2370	1.2370
6	4-27-2022	7-26-2022	1.2426	1.2426
7	7-27-2022	9-30-2022	0.8738	0.8738
		Highest	1.4391	1.4391

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	2.1879	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Energy	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	819.3575	819.3575	0.0329	9.0900e-003	822.8891
Mobile	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Waste						0.0000	0.0000		0.0000	0.0000	88.1975	0.0000	88.1975	5.2123	0.0000	218.5057
Water						0.0000	0.0000		0.0000	0.0000	33.6806	168.6937	202.3742	3.4669	0.0833	313.8593
Total	2.4429	1.6595	2.8697	0.0127	0.9331	0.0190	0.9521	0.2501	0.0185	0.2686	121.8781	2,079.7978	2,201.6759	8.7550	0.0924	2,448.0701

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	2.1879	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Energy	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	819.3575	819.3575	0.0329	9.0900e-003	822.8891
Mobile	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Waste						0.0000	0.0000		0.0000	0.0000	88.1975	0.0000	88.1975	5.2123	0.0000	218.5057
Water						0.0000	0.0000		0.0000	0.0000	33.6806	168.6937	202.3742	3.4669	0.0833	313.8593
Total	2.4429	1.6595	2.8697	0.0127	0.9331	0.0190	0.9521	0.2501	0.0185	0.2686	121.8781	2,079.7978	2,201.6759	8.7550	0.0924	2,448.0701

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/27/2021	2/23/2021	5	30	
2	Site Preparation	Site Preparation	2/24/2021	3/9/2021	5	20	
3	Grading	Grading	3/10/2021	4/27/2021	5	45	
4	Building Construction	Building Construction	4/28/2021	9/27/2022	5	440	
5	Paving	Paving	9/28/2022	10/25/2022	5	35	
6	Architectural Coating	Architectural Coating	10/26/2022	11/22/2022	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 16.82

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 693,563; Non-Residential Outdoor: 231,188; Striped Parking

OffRoad Equipment

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

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	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Building Construction	9	501.00	174.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	100.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

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

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	5.5000e-004	3.8000e-004	3.8600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0196	1.0196	3.0000e-005	0.0000	1.0203
Total	5.5000e-004	3.8000e-004	3.8600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0196	1.0196	3.0000e-005	0.0000	1.0203

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
Total	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

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	5.5000e-004	3.8000e-004	3.8600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0196	1.0196	3.0000e-005	0.0000	1.0203
Total	5.5000e-004	3.8000e-004	3.8600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0196	1.0196	3.0000e-005	0.0000	1.0203

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
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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
Total	0.0194	0.2025	0.1058	1.9000e-004	0.0903	0.0102	0.1006	0.0497	9.4000e-003	0.0591	0.0000	16.7179	16.7179	5.4100e-003	0.0000	16.8530

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	3.3000e-004	2.3000e-004	2.3200e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6118	0.6118	2.0000e-005	0.0000	0.6122
Total	3.3000e-004	2.3000e-004	2.3200e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6118	0.6118	2.0000e-005	0.0000	0.6122

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
Total	0.0194	0.2025	0.1058	1.9000e-004	0.0903	0.0102	0.1006	0.0497	9.4000e-003	0.0591	0.0000	16.7178	16.7178	5.4100e-003	0.0000	16.8530

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	3.3000e-004	2.3000e-004	2.3200e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6118	0.6118	2.0000e-005	0.0000	0.6122
Total	3.3000e-004	2.3000e-004	2.3200e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6118	0.6118	2.0000e-005	0.0000	0.6122

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					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0734	0.8120	0.5404	1.0900e-003		0.0347	0.0347		0.0320	0.0320	0.0000	95.3662	95.3662	0.0308	0.0000	96.1373
Total	0.0734	0.8120	0.5404	1.0900e-003	0.1518	0.0347	0.1865	0.0629	0.0320	0.0949	0.0000	95.3662	95.3662	0.0308	0.0000	96.1373

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
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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	1.2900e-003	8.9000e-004	9.0100e-003	3.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.3791	2.3791	6.0000e-005	0.0000	2.3807
Total	1.2900e-003	8.9000e-004	9.0100e-003	3.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.3791	2.3791	6.0000e-005	0.0000	2.3807

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					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0734	0.8120	0.5404	1.0900e-003		0.0347	0.0347		0.0320	0.0320	0.0000	95.3661	95.3661	0.0308	0.0000	96.1372
Total	0.0734	0.8120	0.5404	1.0900e-003	0.1518	0.0347	0.1865	0.0629	0.0320	0.0949	0.0000	95.3661	95.3661	0.0308	0.0000	96.1372

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	1.2900e-003	8.9000e-004	9.0100e-003	3.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.3791	2.3791	6.0000e-005	0.0000	2.3807

Total	1.2900e-003	8.9000e-004	9.0100e-003	3.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.3791	2.3791	6.0000e-005	0.0000	2.3807
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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	0.1692	1.5515	1.4752	2.4000e-003		0.0853	0.0853		0.0802	0.0802	0.0000	206.1572	206.1572	0.0497	0.0000	207.4006
Total	0.1692	1.5515	1.4752	2.4000e-003		0.0853	0.0853		0.0802	0.0802	0.0000	206.1572	206.1572	0.0497	0.0000	207.4006

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	0.0514	1.6588	0.3420	4.3400e-003	0.1023	4.7100e-003	0.1070	0.0296	4.5100e-003	0.0341	0.0000	412.0855	412.0855	0.0244	0.0000	412.6944
Worker	0.1643	0.1138	1.1477	3.3500e-003	0.3552	2.3300e-003	0.3575	0.0944	2.1500e-003	0.0966	0.0000	303.0957	303.0957	7.7400e-003	0.0000	303.2892
Total	0.2157	1.7725	1.4897	7.6900e-003	0.4575	7.0400e-003	0.4645	0.1240	6.6600e-003	0.1307	0.0000	715.1811	715.1811	0.0321	0.0000	715.9836

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	0.1692	1.5515	1.4752	2.4000e-003		0.0853	0.0853		0.0802	0.0802	0.0000	206.1569	206.1569	0.0497	0.0000	207.4004
Total	0.1692	1.5515	1.4752	2.4000e-003		0.0853	0.0853		0.0802	0.0802	0.0000	206.1569	206.1569	0.0497	0.0000	207.4004

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	0.0514	1.6588	0.3420	4.3400e-003	0.1023	4.7100e-003	0.1070	0.0296	4.5100e-003	0.0341	0.0000	412.0855	412.0855	0.0244	0.0000	412.6944
Worker	0.1643	0.1138	1.1477	3.3500e-003	0.3552	2.3300e-003	0.3575	0.0944	2.1500e-003	0.0966	0.0000	303.0957	303.0957	7.7400e-003	0.0000	303.2892
Total	0.2157	1.7725	1.4897	7.6900e-003	0.4575	7.0400e-003	0.4645	0.1240	6.6600e-003	0.1307	0.0000	715.1811	715.1811	0.0321	0.0000	715.9836

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	0.1638	1.4991	1.5709	2.5900e-003		0.0777	0.0777		0.0731	0.0731	0.0000	222.4562	222.4562	0.0533	0.0000	223.7886
Total	0.1638	1.4991	1.5709	2.5900e-003		0.0777	0.0777		0.0731	0.0731	0.0000	222.4562	222.4562	0.0533	0.0000	223.7886

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	0.0514	1.6951	0.3403	4.6400e-003	0.1104	4.4000e-003	0.1148	0.0319	4.2100e-003	0.0361	0.0000	440.3439	440.3439	0.0249	0.0000	440.9672
Worker	0.1644	0.1098	1.1293	3.4900e-003	0.3831	2.4400e-003	0.3855	0.1019	2.2400e-003	0.1041	0.0000	315.3117	315.3117	7.4700e-003	0.0000	315.4985
Total	0.2158	1.8049	1.4696	8.1300e-003	0.4935	6.8400e-003	0.5003	0.1337	6.4500e-003	0.1402	0.0000	755.6557	755.6557	0.0324	0.0000	756.4657

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	0.1638	1.4991	1.5709	2.5900e-003		0.0777	0.0777		0.0731	0.0731	0.0000	222.4560	222.4560	0.0533	0.0000	223.7883
Total	0.1638	1.4991	1.5709	2.5900e-003		0.0777	0.0777		0.0731	0.0731	0.0000	222.4560	222.4560	0.0533	0.0000	223.7883

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	0.0514	1.6951	0.3403	4.6400e-003	0.1104	4.4000e-003	0.1148	0.0319	4.2100e-003	0.0361	0.0000	440.3439	440.3439	0.0249	0.0000	440.9672
Worker	0.1644	0.1098	1.1293	3.4900e-003	0.3831	2.4400e-003	0.3855	0.1019	2.2400e-003	0.1041	0.0000	315.3117	315.3117	7.4700e-003	0.0000	315.4985
Total	0.2158	1.8049	1.4696	8.1300e-003	0.4935	6.8400e-003	0.5003	0.1337	6.4500e-003	0.1402	0.0000	755.6557	755.6557	0.0324	0.0000	756.4657

3.6 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895
Paving	3.3000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0143	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895

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	3.4000e-004	3.5200e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9834	0.9834	2.0000e-005	0.0000	0.9840
Total	5.1000e-004	3.4000e-004	3.5200e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9834	0.9834	2.0000e-005	0.0000	0.9840

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895
Paving	3.3000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0143	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895

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	3.4000e-004	3.5200e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9834	0.9834	2.0000e-005	0.0000	0.9840
Total	5.1000e-004	3.4000e-004	3.5200e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9834	0.9834	2.0000e-005	0.0000	0.9840

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.9081					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	1.9102	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574

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	3.4200e-003	2.2800e-003	0.0235	7.0000e-005	7.9700e-003	5.0000e-005	8.0200e-003	2.1200e-003	5.0000e-005	2.1600e-003	0.0000	6.5559	6.5559	1.6000e-004	0.0000	6.5598
Total	3.4200e-003	2.2800e-003	0.0235	7.0000e-005	7.9700e-003	5.0000e-005	8.0200e-003	2.1200e-003	5.0000e-005	2.1600e-003	0.0000	6.5559	6.5559	1.6000e-004	0.0000	6.5598

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	1.9081					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	1.9102	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574

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	3.4200e-003	2.2800e-003	0.0235	7.0000e-005	7.9700e-003	5.0000e-005	8.0200e-003	2.1200e-003	5.0000e-005	2.1600e-003	0.0000	6.5559	6.5559	1.6000e-004	0.0000	6.5598
Total	3.4200e-003	2.2800e-003	0.0235	7.0000e-005	7.9700e-003	5.0000e-005	8.0200e-003	2.1200e-003	5.0000e-005	2.1600e-003	0.0000	6.5559	6.5559	1.6000e-004	0.0000	6.5598

4.0 Operational Detail - Mobile

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	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Unmitigated	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	157.18	35.06	14.96	285,372	285,372
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	752.86	752.86	752.86	2,197,978	2,197,978
Total	910.04	787.91	767.82	2,483,351	2,483,351

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	660.7283	660.7283	0.0299	6.1800e-003	663.3172
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	660.7283	660.7283	0.0299	6.1800e-003	663.3172
NaturalGas Mitigated	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718
NaturalGas Unmitigated	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

5.2 Energy by Land Use - NaturalGas
Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	234555	1.2600e-003	0.0115	9.6600e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.5168	12.5168	2.4000e-004	2.3000e-004	12.5911
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	2.73804e+006	0.0148	0.1342	0.1127	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.1124	146.1124	2.8000e-003	2.6800e-003	146.9807
Total		0.0160	0.1457	0.1224	8.8000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

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
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Land Use	kBTU/yr	tons/yr								MT/yr							
General Office Building	234555	1.2600e-003	0.0115	9.6600e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.5168	12.5168	2.4000e-004	2.3000e-004	12.5911
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	2.73804e+006	0.0148	0.1342	0.1127	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.1124	146.1124	2.8000e-003	2.6800e-003	146.9807
Total		0.0160	0.1457	0.1224	8.8000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	142643	41.4963	1.8800e-003	3.9000e-004	41.6589
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	67217.5	19.5543	8.8000e-004	1.8000e-004	19.6310
Unrefrigerated Warehouse-No	2.06137e+006	599.6776	0.0271	5.6100e-003	602.0273
Total		660.7283	0.0299	6.1800e-003	663.3172

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

General Office Building	142643	41.4963	1.8800e-003	3.9000e-004	41.6589
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	67217.5	19.5543	8.8000e-004	1.8000e-004	19.6310
Unrefrigerated Warehouse-No	2.06137e+006	599.6776	0.0271	5.6100e-003	602.0273
Total		660.7283	0.0299	6.1800e-003	663.3172

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	2.1879	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Unmitigated	2.1879	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172

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	0.3339					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Consumer Products	1.8532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.7000e-004	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Total	2.1879	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172

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	0.3339					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.7000e-004	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172
Total	2.1879	8.0000e-005	8.2900e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0172

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	202.3742	3.4669	0.0833	313.8593
Unmitigated	202.3742	3.4669	0.0833	313.8593

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.53271 / 1.5523	6.3708	0.0828	2.0000e-003	9.0366
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	103.63 / 0	196.0034	3.3842	0.0813	304.8228
Total		202.3742	3.4669	0.0833	313.8593

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.53271 / 1.5523	6.3708	0.0828	2.0000e-003	9.0366
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	103.63 / 0	196.0034	3.3842	0.0813	304.8228
Total		202.3742	3.4669	0.0833	313.8593

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	88.1975	5.2123	0.0000	218.5057
Unmitigated	88.1975	5.2123	0.0000	218.5057

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	13.25	2.6896	0.1590	0.0000	6.6635
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	421.24	85.5079	5.0534	0.0000	211.8422
Total		88.1975	5.2123	0.0000	218.5057

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	13.25	2.6896	0.1590	0.0000	6.6635
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	421.24	85.5079	5.0534	0.0000	211.8422
Total		88.1975	5.2123	0.0000	218.5057

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - DEFAULT CONSTRUCTION MODEL 4 OF 4 - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - DEFAULT CONSTRUCTION MODEL 4 OF 4
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	14.25	1000sqft	0.33	14,250.00	0
Unrefrigerated Warehouse-No Rail	448.13	1000sqft	10.29	448,125.00	0
Parking Lot	425.00	Space	4.41	192,050.00	0
Other Non-Asphalt Surfaces	12.41	Acre	12.41	540,688.50	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - CalEEMod Note 2

Construction Phase -

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	448,130.00	448,125.00
tblLandUse	LandUseSquareFeet	170,000.00	192,050.00

tblLandUse	LotAcreage	3.82	4.41
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2.0 Emissions Summary

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	0.3589	3.4433	2.8014	8.3600e-003	0.6495	0.1163	0.7659	0.2545	0.1082	0.3627	0.0000	756.5482	756.5482	0.1117	0.0000	759.3405
2023	0.4671	4.0094	3.9426	0.0150	0.6871	0.0962	0.7834	0.1866	0.0905	0.2771	0.0000	1,367.9206	1,367.9206	0.1073	0.0000	1,370.6031
2024	3.5329	1.3633	1.4816	5.0500e-003	0.2248	0.0352	0.2600	0.0610	0.0330	0.0939	0.0000	460.4803	460.4803	0.0439	0.0000	461.5782
Maximum	3.5329	4.0094	3.9426	0.0150	0.6871	0.1163	0.7834	0.2545	0.1082	0.3627	0.0000	1,367.9206	1,367.9206	0.1117	0.0000	1,370.6031

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	0.3589	3.4433	2.8014	8.3600e-003	0.6495	0.1163	0.7659	0.2545	0.1082	0.3627	0.0000	756.5478	756.5478	0.1117	0.0000	759.3401
2023	0.4671	4.0094	3.9426	0.0150	0.6871	0.0962	0.7834	0.1866	0.0905	0.2771	0.0000	1,367.9203	1,367.9203	0.1073	0.0000	1,370.6027
2024	3.5329	1.3633	1.4816	5.0500e-003	0.2248	0.0352	0.2600	0.0610	0.0330	0.0939	0.0000	460.4801	460.4801	0.0439	0.0000	461.5781
Maximum	3.5329	4.0094	3.9426	0.0150	0.6871	0.1163	0.7834	0.2545	0.1082	0.3627	0.0000	1,367.9203	1,367.9203	0.1117	0.0000	1,370.6027

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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
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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2022	6-30-2022	1.1097	1.1097
2	7-1-2022	9-30-2022	1.3621	1.3621
3	10-1-2022	12-31-2022	1.3432	1.3432
4	1-1-2023	3-31-2023	1.1131	1.1131
5	4-1-2023	6-30-2023	1.1168	1.1168
6	7-1-2023	9-30-2023	1.1291	1.1291
7	10-1-2023	12-31-2023	1.1379	1.1379
8	1-1-2024	3-31-2024	1.0793	1.0793
9	4-1-2024	6-30-2024	2.0686	2.0686
10	7-1-2024	9-30-2024	1.7350	1.7350
		Highest	2.0686	2.0686

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	2.1907	8.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0171
Energy	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	819.3575	819.3575	0.0329	9.0900e-003	822.8891
Mobile	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Waste						0.0000	0.0000		0.0000	0.0000	88.1975	0.0000	88.1975	5.2123	0.0000	218.5057
Water						0.0000	0.0000		0.0000	0.0000	33.6806	168.6937	202.3742	3.4669	0.0833	313.8593
Total	2.4457	1.6595	2.8697	0.0127	0.9331	0.0190	0.9521	0.2501	0.0185	0.2686	121.8781	2,079.7977	2,201.6758	8.7550	0.0924	2,448.0700

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	2.1907	8.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0171
Energy	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	819.3575	819.3575	0.0329	9.0900e-003	822.8891
Mobile	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Waste						0.0000	0.0000		0.0000	0.0000	88.1975	0.0000	88.1975	5.2123	0.0000	218.5057
Water						0.0000	0.0000		0.0000	0.0000	33.6806	168.6937	202.3742	3.4669	0.0833	313.8593
Total	2.4457	1.6595	2.8697	0.0127	0.9331	0.0190	0.9521	0.2501	0.0185	0.2686	121.8781	2,079.7977	2,201.6758	8.7550	0.0924	2,448.0700

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	5/12/2022	5	30	
2	Site Preparation	Site Preparation	5/13/2022	6/9/2022	5	20	
3	Grading	Grading	6/10/2022	8/11/2022	5	45	
4	Building Construction	Building Construction	8/12/2022	4/18/2024	5	440	
5	Paving	Paving	4/19/2024	6/6/2024	5	35	
6	Architectural Coating	Architectural Coating	6/7/2024	7/25/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 16.82

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 693,563; Non-Residential Outdoor: 231,188; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45

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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Building Construction	9	501.00	196.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	100.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3434
Total	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3434

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	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760
Total	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760

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	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3433
Total	0.0396	0.3858	0.3089	5.8000e-004		0.0186	0.0186		0.0173	0.0173	0.0000	50.9853	50.9853	0.0143	0.0000	51.3433

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	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760
Total	7.7000e-004	5.1000e-004	5.2800e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4751	1.4751	3.0000e-005	0.0000	1.4760

3.3 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
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Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3308	0.1970	3.8000e-004		0.0161	0.0161		0.0148	0.0148	0.0000	33.4394	33.4394	0.0108	0.0000	33.7098
Total	0.0317	0.3308	0.1970	3.8000e-004	0.1807	0.0161	0.1968	0.0993	0.0148	0.1142	0.0000	33.4394	33.4394	0.0108	0.0000	33.7098

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	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808
Total	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808

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					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3308	0.1970	3.8000e-004		0.0161	0.0161		0.0148	0.0148	0.0000	33.4394	33.4394	0.0108	0.0000	33.7097
Total	0.0317	0.3308	0.1970	3.8000e-004	0.1807	0.0161	0.1968	0.0993	0.0148	0.1142	0.0000	33.4394	33.4394	0.0108	0.0000	33.7097

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	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808
Total	6.2000e-004	4.1000e-004	4.2300e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1801	1.1801	3.0000e-005	0.0000	1.1808

3.4 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					0.1952	0.0000	0.1952	0.0809	0.0000	0.0809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0816	0.8740	0.6534	1.4000e-003		0.0368	0.0368		0.0338	0.0338	0.0000	122.7029	122.7029	0.0397	0.0000	123.6950
Total	0.0816	0.8740	0.6534	1.4000e-003	0.1952	0.0368	0.2319	0.0809	0.0338	0.1148	0.0000	122.7029	122.7029	0.0397	0.0000	123.6950

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
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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	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519
Total	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519

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					0.1952	0.0000	0.1952	0.0809	0.0000	0.0809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0816	0.8740	0.6534	1.4000e-003		0.0368	0.0368		0.0338	0.0338	0.0000	122.7027	122.7027	0.0397	0.0000	123.6948
Total	0.0816	0.8740	0.6534	1.4000e-003	0.1952	0.0368	0.2319	0.0809	0.0338	0.1148	0.0000	122.7027	122.7027	0.0397	0.0000	123.6948

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	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519

Total	1.5400e-003	1.0300e-003	0.0106	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.9502	2.9502	7.0000e-005	0.0000	2.9519
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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	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0213	117.0213	0.0280	0.0000	117.7221
Total	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0213	117.0213	0.0280	0.0000	117.7221

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	0.0305	1.0045	0.2016	2.7500e-003	0.0654	2.6100e-003	0.0680	0.0189	2.5000e-003	0.0214	0.0000	260.9270	260.9270	0.0148	0.0000	261.2963
Worker	0.0865	0.0578	0.5940	1.8300e-003	0.2015	1.2800e-003	0.2028	0.0536	1.1800e-003	0.0548	0.0000	165.8671	165.8671	3.9300e-003	0.0000	165.9653
Total	0.1170	1.0622	0.7957	4.5800e-003	0.2669	3.8900e-003	0.2708	0.0725	3.6800e-003	0.0762	0.0000	426.7941	426.7941	0.0187	0.0000	427.2617

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	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0211	117.0211	0.0280	0.0000	117.7220
Total	0.0862	0.7886	0.8264	1.3600e-003		0.0409	0.0409		0.0384	0.0384	0.0000	117.0211	117.0211	0.0280	0.0000	117.7220

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	0.0305	1.0045	0.2016	2.7500e-003	0.0654	2.6100e-003	0.0680	0.0189	2.5000e-003	0.0214	0.0000	260.9270	260.9270	0.0148	0.0000	261.2963
Worker	0.0865	0.0578	0.5940	1.8300e-003	0.2015	1.2800e-003	0.2028	0.0536	1.1800e-003	0.0548	0.0000	165.8671	165.8671	3.9300e-003	0.0000	165.9653
Total	0.1170	1.0622	0.7957	4.5800e-003	0.2669	3.8900e-003	0.2708	0.0725	3.6800e-003	0.0762	0.0000	426.7941	426.7941	0.0187	0.0000	427.2617

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	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
Total	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

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	0.0557	2.0062	0.4372	6.9000e-003	0.1683	2.0600e-003	0.1704	0.0487	1.9700e-003	0.0506	0.0000	655.4804	655.4804	0.0266	0.0000	656.1450
Worker	0.2070	0.1332	1.3937	4.5500e-003	0.5188	3.2000e-003	0.5220	0.1379	2.9500e-003	0.1409	0.0000	411.0940	411.0940	9.0300e-003	0.0000	411.3198
Total	0.2627	2.1394	1.8309	0.0115	0.6871	5.2600e-003	0.6924	0.1866	4.9200e-003	0.1915	0.0000	1,066.5745	1,066.5745	0.0356	0.0000	1,067.4648

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
Total	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

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	0.0557	2.0062	0.4372	6.9000e-003	0.1683	2.0600e-003	0.1704	0.0487	1.9700e-003	0.0506	0.0000	655.4804	655.4804	0.0266	0.0000	656.1450
Worker	0.2070	0.1332	1.3937	4.5500e-003	0.5188	3.2000e-003	0.5220	0.1379	2.9500e-003	0.1409	0.0000	411.0940	411.0940	9.0300e-003	0.0000	411.3198
Total	0.2627	2.1394	1.8309	0.0115	0.6871	5.2600e-003	0.6924	0.1866	4.9200e-003	0.1915	0.0000	1,066.5745	1,066.5745	0.0356	0.0000	1,067.4648

3.5 Building Construction - 2024
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5804	91.5804	0.0217	0.0000	92.1218
Total	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5804	91.5804	0.0217	0.0000	92.1218

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	0.0163	0.6042	0.1255	2.0800e-003	0.0512	6.2000e-004	0.0518	0.0148	5.9000e-004	0.0154	0.0000	197.6872	197.6872	7.9700e-003	0.0000	197.8865

Worker	0.0587	0.0363	0.3902	1.3200e-003	0.1576	9.5000e-004	0.1586	0.0419	8.7000e-004	0.0428	0.0000	119.5413	119.5413	2.4500e-003	0.0000	119.6026
Total	0.0751	0.6405	0.5157	3.4000e-003	0.2088	1.5700e-003	0.2104	0.0567	1.4600e-003	0.0582	0.0000	317.2285	317.2285	0.0104	0.0000	317.4891

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	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5803	91.5803	0.0217	0.0000	92.1217
Total	0.0581	0.5310	0.6386	1.0600e-003		0.0242	0.0242		0.0228	0.0228	0.0000	91.5803	91.5803	0.0217	0.0000	92.1217

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	0.0163	0.6042	0.1255	2.0800e-003	0.0512	6.2000e-004	0.0518	0.0148	5.9000e-004	0.0154	0.0000	197.6872	197.6872	7.9700e-003	0.0000	197.8865
Worker	0.0587	0.0363	0.3902	1.3200e-003	0.1576	9.5000e-004	0.1586	0.0419	8.7000e-004	0.0428	0.0000	119.5413	119.5413	2.4500e-003	0.0000	119.6026
Total	0.0751	0.6405	0.5157	3.4000e-003	0.2088	1.5700e-003	0.2104	0.0567	1.4600e-003	0.0582	0.0000	317.2285	317.2285	0.0104	0.0000	317.4891

3.6 Paving - 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	0.0173	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298
Paving	5.7800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0231	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298

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	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865
Total	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865

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	0.0173	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298

Paving	5.7800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0231	0.1667	0.2560	4.0000e-004		8.2000e-003	8.2000e-003		7.5400e-003	7.5400e-003	0.0000	35.0464	35.0464	0.0113	0.0000	35.3298

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	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865
Total	7.8000e-004	4.8000e-004	5.1800e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1000e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.5857	1.5857	3.0000e-005	0.0000	1.5865

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.3675					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	3.3707	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745

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	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766
Total	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766

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	3.3675					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	3.3707	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745

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	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766
Total	5.1900e-003	3.2100e-003	0.0345	1.2000e-004	0.0139	8.0000e-005	0.0140	3.7100e-003	8.0000e-005	3.7800e-003	0.0000	10.5711	10.5711	2.2000e-004	0.0000	10.5766

4.0 Operational Detail - Mobile

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	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988
Unmitigated	0.2390	1.5137	2.7390	0.0118	0.9331	7.8900e-003	0.9410	0.2501	7.3700e-003	0.2575	0.0000	1,091.7305	1,091.7305	0.0427	0.0000	1,092.7988

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	157.18	35.06	14.96	285,372	285,372
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	752.86	752.86	752.86	2,197,978	2,197,978
Total	910.04	787.91	767.82	2,483,351	2,483,351

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	660.7283	660.7283	0.0299	6.1800e-003	663.3172
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	660.7283	660.7283	0.0299	6.1800e-003	663.3172
NaturalGas Mitigated	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718
NaturalGas Unmitigated	0.0160	0.1457	0.1224	8.7000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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					
General Office Building	234555	1.2600e-003	0.0115	9.6600e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.5168	12.5168	2.4000e-004	2.3000e-004	12.5911
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	2.73804e+006	0.0148	0.1342	0.1127	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.1124	146.1124	2.8000e-003	2.6800e-003	146.9807
Total		0.0160	0.1457	0.1224	8.8000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

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					
General Office Building	234555	1.2600e-003	0.0115	9.6600e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.5168	12.5168	2.4000e-004	2.3000e-004	12.5911
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	2.73804e+006	0.0148	0.1342	0.1127	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.1124	146.1124	2.8000e-003	2.6800e-003	146.9807
Total		0.0160	0.1457	0.1224	8.8000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	158.6292	158.6292	3.0400e-003	2.9100e-003	159.5718

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	142643	41.4963	1.8800e-003	3.9000e-004	41.6589
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	67217.5	19.5543	8.8000e-004	1.8000e-004	19.6310
Unrefrigerated Warehouse-No	2.06137e+006	599.6776	0.0271	5.6100e-003	602.0273
Total		660.7283	0.0299	6.1800e-003	663.3172

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	142643	41.4963	1.8800e-003	3.9000e-004	41.6589
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	67217.5	19.5543	8.8000e-004	1.8000e-004	19.6310
Unrefrigerated Warehouse-No	2.06137e+006	599.6776	0.0271	5.6100e-003	602.0273
Total		660.7283	0.0299	6.1800e-003	663.3172

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	2.1907	8.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0171
Unmitigated	2.1907	8.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0171

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	0.3368					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.7000e-004	8.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0171
Total	2.1907	8.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0171

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
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SubCategory	tons/yr								MT/yr						
Architectural Coating	0.3368					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8532					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.7000e-004	8.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005	3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0171
Total	2.1907	8.0000e-005	8.2700e-003	0.0000		3.0000e-005	3.0000e-005	3.0000e-005	3.0000e-005	0.0000	0.0161	0.0161	4.0000e-005	0.0000	0.0171

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	202.3742	3.4669	0.0833	313.8593
Unmitigated	202.3742	3.4669	0.0833	313.8593

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.53271 / 1.5523	6.3708	0.0828	2.0000e-003	9.0366

Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	103.63 / 0	196.0034	3.3842	0.0813	304.8228
Total		202.3742	3.4669	0.0833	313.8593

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	2.53271 / 1.5523	6.3708	0.0828	2.0000e-003	9.0366
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	103.63 / 0	196.0034	3.3842	0.0813	304.8228
Total		202.3742	3.4669	0.0833	313.8593

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			

Mitigated	88.1975	5.2123	0.0000	218.5057
Unmitigated	88.1975	5.2123	0.0000	218.5057

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	13.25	2.6896	0.1590	0.0000	6.6635
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	421.24	85.5079	5.0534	0.0000	211.8422
Total		88.1975	5.2123	0.0000	218.5057

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	13.25	2.6896	0.1590	0.0000	6.6635
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	421.24	85.5079	5.0534	0.0000	211.8422

Total		88.1975	5.2123	0.0000	218.5057
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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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - MITIGATED Construction Only - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcels) - MITIGATED Construction Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4, CalEEMod Note 9
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition - CalEEMod Note 5

Grading -

Architectural Coating - CalEEMod Note 10

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021 & CalEEMod Note 9

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	10.00
tblArchitecturalCoating	EF_Parking	150.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	32.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	40.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	200.00	20.00
tblConstructionPhase	NumDays	120.00	50.00
tblConstructionPhase	NumDays	310.00	125.00
tblConstructionPhase	NumDays	3,100.00	110.00
tblConstructionPhase	NumDays	220.00	20.00
tblConstructionPhase	NumDays	220.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	NT24NG	0.47	0.00

tblEnergyUse	T24E	3.22	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	15.99	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	HorsePower	84.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	UsageHours	6.00	5.30
tblOffRoadEquipment	UsageHours	7.00	9.30
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	10.70
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30

tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	7.00	10.50
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80
tblOffRoadEquipment	UsageHours	8.00	10.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	53.01	0.00
tblSolidWaste	SolidWasteGenerationRate	1,684.95	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	10,130,823.64	0.00
tblWater	IndoorWaterUseRate	414,515,625.00	0.00
tblWater	OutdoorWaterUseRate	6,209,214.49	0.00

2.0 Emissions Summary

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	1.7359	15.9365	14.5467	0.0322	2.2638	0.6941	2.9578	0.9248	0.6424	1.5672	0.0000	2,852.8510	2,852.8510	0.6195	0.0000	2,868.3385

2023	1.2895	3.3733	4.0262	8.4700e-003	0.2236	0.1472	0.3708	0.0601	0.1366	0.1968	0.0000	749.8684	749.8684	0.1514	0.0000	753.6529
Maximum	1.7359	15.9365	14.5467	0.0322	2.2638	0.6941	2.9578	0.9248	0.6424	1.5672	0.0000	2,852.8510	2,852.8510	0.6195	0.0000	2,868.3385

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	0.5236	3.1790	4.5138	0.0322	1.4259	0.0575	1.4834	0.5258	0.0570	0.5828	0.0000	1,345.3202	1,345.3202	0.1334	0.0000	1,348.6547
2023	1.0178	0.6868	0.8771	8.4700e-003	0.2236	0.0117	0.2353	0.0601	0.0116	0.0717	0.0000	304.5395	304.5395	0.0121	0.0000	304.8422
Maximum	1.0178	3.1790	4.5138	0.0322	1.4259	0.0575	1.4834	0.5258	0.0570	0.5828	0.0000	1,345.3202	1,345.3202	0.1334	0.0000	1,348.6547

	ROG	NOx	CO	SO2	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	49.05	79.98	70.97	0.00	33.68	91.78	48.37	40.51	91.20	62.89	0.00	54.21	54.21	81.13	0.00	54.35

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2022	6-30-2022	1.6089	0.0202
2	7-1-2022	9-30-2022	4.9878	0.9507
3	10-1-2022	12-31-2022	11.1175	2.7594
4	1-1-2023	3-31-2023	4.6559	1.7106
		Highest	11.1175	2.7594

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
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Category	tons/yr										MT/yr					
	Area	Energy	Mobile	Waste	Water											
Area	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004	1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686	
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	
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	
Total	3.0700e-003	3.0000e-004	0.0331	0.0000	0.0000	1.2000e-004	1.2000e-004	0.0000	1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

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	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
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
Total	3.0700e-003	3.0000e-004	0.0331	0.0000	0.0000	1.2000e-004	1.2000e-004	0.0000	1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/28/2022	5	20	
2	Site Preparation	Site Preparation	4/29/2022	7/7/2022	5	50	
3	Grading	Grading	7/8/2022	12/29/2022	5	125	
4	Building Construction	Building Construction	9/1/2022	2/1/2023	5	110	
5	Paving	Paving	2/2/2023	3/1/2023	5	20	
6	Architectural Coating	Architectural Coating	3/2/2023	3/29/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 453.13

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,774,250; Non-Residential Outdoor: 924,750; Striped Parking

OffRoad Equipment

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	12.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	12.80	97	0.37
Grading	Excavators	4	5.80	158	0.38
Grading	Graders	2	5.80	187	0.41
Grading	Rubber Tired Dozers	2	5.80	247	0.40
Grading	Scrapers	4	5.80	367	0.48
Grading	Tractors/Loaders/Backhoes	4	5.80	97	0.37
Building Construction	Cranes	12	9.30	231	0.29
Building Construction	Forklifts	32	12.00	89	0.20
Building Construction	Generator Sets	12	10.70	5	0.74
Building Construction	Tractors/Loaders/Backhoes	32	10.50	97	0.37

Building Construction	Welders	12	10.70	46	0.45
Paving	Pavers	12	9.30	130	0.42
Paving	Paving Equipment	12	9.30	132	0.36
Paving	Rollers	12	9.30	80	0.38
Architectural Coating	Air Compressors	8	5.30	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	133.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	100	1,094.00	429.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	36	90.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	8	219.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0147	0.0000	0.0147	2.2200e-003	0.0000	2.2200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289
Total	0.0264	0.2572	0.2059	3.9000e-004	0.0147	0.0124	0.0271	2.2200e-003	0.0116	0.0138	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0156	2.6200e-003	5.0000e-005	1.1300e-003	5.0000e-005	1.1800e-003	3.1000e-004	4.0000e-005	3.6000e-004	0.0000	4.9311	4.9311	2.1000e-004	0.0000	4.9362
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	7.2000e-004	5.1000e-004	5.1000e-003	2.0000e-005	1.8600e-003	1.0000e-005	1.8700e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5136	1.5136	3.0000e-005	0.0000	1.5145
Total	1.1900e-003	0.0161	7.7200e-003	7.0000e-005	2.9900e-003	6.0000e-005	3.0500e-003	8.0000e-004	5.0000e-005	8.6000e-004	0.0000	6.4447	6.4447	2.4000e-004	0.0000	6.4507

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.6000e-003	0.0000	6.6000e-003	1.0000e-003	0.0000	1.0000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	3.9000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	3.9000e-004	6.6000e-003	0.0000	6.6000e-003	1.0000e-003	0.0000	1.0000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0156	2.6200e-003	5.0000e-005	1.1300e-003	5.0000e-005	1.1800e-003	3.1000e-004	4.0000e-005	3.6000e-004	0.0000	4.9311	4.9311	2.1000e-004	0.0000	4.9362
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	7.2000e-004	5.1000e-004	5.1000e-003	2.0000e-005	1.8600e-003	1.0000e-005	1.8700e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5136	1.5136	3.0000e-005	0.0000	1.5145
Total	1.1900e-003	0.0161	7.7200e-003	7.0000e-005	2.9900e-003	6.0000e-005	3.0500e-003	8.0000e-004	5.0000e-005	8.6000e-004	0.0000	6.4447	6.4447	2.4000e-004	0.0000	6.4507

3.3 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					0.7227	0.0000	0.7227	0.3972	0.0000	0.3972	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1268	1.3233	0.7879	1.5200e-003		0.0645	0.0645		0.0593	0.0593	0.0000	133.7576	133.7576	0.0433	0.0000	134.8391
Total	0.1268	1.3233	0.7879	1.5200e-003	0.7227	0.0645	0.7872	0.3972	0.0593	0.4566	0.0000	133.7576	133.7576	0.0433	0.0000	134.8391

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	2.1500e-003	1.5200e-003	0.0153	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.5409	4.5409	1.0000e-004	0.0000	4.5435
Total	2.1500e-003	1.5200e-003	0.0153	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.5409	4.5409	1.0000e-004	0.0000	4.5435

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					0.3252	0.0000	0.3252	0.1788	0.0000	0.1788	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	1.5200e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	1.5200e-003	0.3252	0.0000	0.3252	0.1788	0.0000	0.1788	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	2.1500e-003	1.5200e-003	0.0153	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.5409	4.5409	1.0000e-004	0.0000	4.5435
Total	2.1500e-003	1.5200e-003	0.0153	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.5409	4.5409	1.0000e-004	0.0000	4.5435

3.4 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					0.7860	0.0000	0.7860	0.3259	0.0000	0.3259	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3285	3.5202	2.6319	5.6300e-003		0.1482	0.1482		0.1363	0.1363	0.0000	494.2198	494.2198	0.1598	0.0000	498.2158
Total	0.3285	3.5202	2.6319	5.6300e-003	0.7860	0.1482	0.9342	0.3259	0.1363	0.4622	0.0000	494.2198	494.2198	0.1598	0.0000	498.2158

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	0.0119	8.4700e-003	0.0850	2.8000e-004	0.0310	1.9000e-004	0.0312	8.2300e-003	1.7000e-004	8.4000e-003	0.0000	25.2271	25.2271	5.8000e-004	0.0000	25.2415
Total	0.0119	8.4700e-003	0.0850	2.8000e-004	0.0310	1.9000e-004	0.0312	8.2300e-003	1.7000e-004	8.4000e-003	0.0000	25.2271	25.2271	5.8000e-004	0.0000	25.2415

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					0.3537	0.0000	0.3537	0.1467	0.0000	0.1467	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0338	0.1464	1.2389	5.6300e-003	4.5100e-003	4.5100e-003	4.5100e-003	4.5100e-003	4.5100e-003	4.5100e-003	0.0000	241.7561	241.7561	0.0782	0.0000	243.7108
Total	0.0338	0.1464	1.2389	5.6300e-003	0.3537	4.5100e-003	0.3582	0.1467	4.5100e-003	0.1512	0.0000	241.7561	241.7561	0.0782	0.0000	243.7108

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	0.0119	8.4700e-003	0.0850	2.8000e-004	0.0310	1.9000e-004	0.0312	8.2300e-003	1.7000e-004	8.4000e-003	0.0000	25.2271	25.2271	5.8000e-004	0.0000	25.2415
Total	0.0119	8.4700e-003	0.0850	2.8000e-004	0.0310	1.9000e-004	0.0312	8.2300e-003	1.7000e-004	8.4000e-003	0.0000	25.2271	25.2271	5.8000e-004	0.0000	25.2415

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	0.9577	8.8245	8.8300	0.0142		0.4606	0.4606		0.4273	0.4273	0.0000	1,218.7301	1,218.7301	0.3674	0.0000	1,227.9147
Total	0.9577	8.8245	8.8300	0.0142		0.4606	0.4606		0.4273	0.4273	0.0000	1,218.7301	1,218.7301	0.3674	0.0000	1,227.9147

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	0.0544	1.8240	0.3641	4.8000e-003	0.1115	4.5100e-003	0.1160	0.0322	4.3100e-003	0.0366	0.0000	455.7280	455.7280	0.0276	0.0000	456.4179
Worker	0.2270	0.1612	1.6188	5.3100e-003	0.5894	3.5800e-003	0.5930	0.1567	3.3000e-003	0.1600	0.0000	480.2127	480.2127	0.0110	0.0000	480.4865
Total	0.2813	1.9852	1.9829	0.0101	0.7009	8.0900e-003	0.7090	0.1889	7.6100e-003	0.1965	0.0000	935.9407	935.9407	0.0385	0.0000	936.9044

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	0.1932	1.0214	1.1840	0.0142		0.0446	0.0446		0.0446	0.0446	0.0000	131.4108	131.4108	0.0157	0.0000	131.8039
Total	0.1932	1.0214	1.1840	0.0142		0.0446	0.0446		0.0446	0.0446	0.0000	131.4108	131.4108	0.0157	0.0000	131.8039

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	0.0544	1.8240	0.3641	4.8000e-003	0.1115	4.5100e-003	0.1160	0.0322	4.3100e-003	0.0366	0.0000	455.7280	455.7280	0.0276	0.0000	456.4179
Worker	0.2270	0.1612	1.6188	5.3100e-003	0.5894	3.5800e-003	0.5930	0.1567	3.3000e-003	0.1600	0.0000	480.2127	480.2127	0.0110	0.0000	480.4865
Total	0.2813	1.9852	1.9829	0.0101	0.7009	8.0900e-003	0.7090	0.1889	7.6100e-003	0.1965	0.0000	935.9407	935.9407	0.0385	0.0000	936.9044

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2331	2.1458	2.3136	3.7500e-003		0.1051	0.1051		0.0975	0.0975	0.0000	322.3393	322.3393	0.0968	0.0000	324.7594
Total	0.2331	2.1458	2.3136	3.7500e-003		0.1051	0.1051		0.0975	0.0975	0.0000	322.3393	322.3393	0.0968	0.0000	324.7594

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	0.0102	0.3771	0.0810	1.2400e-003	0.0295	3.6000e-004	0.0299	8.5200e-003	3.5000e-004	8.8700e-003	0.0000	117.5552	117.5552	5.0900e-003	0.0000	117.6826
Worker	0.0559	0.0382	0.3904	1.3500e-003	0.1558	9.2000e-004	0.1567	0.0414	8.5000e-004	0.0423	0.0000	122.2242	122.2242	2.5900e-003	0.0000	122.2889
Total	0.0661	0.4152	0.4715	2.5900e-003	0.1853	1.2800e-003	0.1866	0.0499	1.2000e-003	0.0511	0.0000	239.7795	239.7795	7.6800e-003	0.0000	239.9714

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	0.0470	0.2622	0.3097	3.7500e-003		0.0102	0.0102		0.0102	0.0102	0.0000	34.7408	34.7408	3.7900e-003	0.0000	34.8355
Total	0.0470	0.2622	0.3097	3.7500e-003		0.0102	0.0102		0.0102	0.0102	0.0000	34.7408	34.7408	3.7900e-003	0.0000	34.8355

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	0.0102	0.3771	0.0810	1.2400e-003	0.0295	3.6000e-004	0.0299	8.5200e-003	3.5000e-004	8.8700e-003	0.0000	117.5552	117.5552	5.0900e-003	0.0000	117.6826
Worker	0.0559	0.0382	0.3904	1.3500e-003	0.1558	9.2000e-004	0.1567	0.0414	8.5000e-004	0.0423	0.0000	122.2242	122.2242	2.5900e-003	0.0000	122.2889
Total	0.0661	0.4152	0.4715	2.5900e-003	0.1853	1.2800e-003	0.1866	0.0499	1.2000e-003	0.0511	0.0000	239.7795	239.7795	7.6800e-003	0.0000	239.9714

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
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Category	tons/yr									MT/yr						
Off-Road	0.0720	0.7109	1.0173	1.5900e-003		0.0356	0.0356		0.0327	0.0327	0.0000	139.6874	139.6874	0.0452	0.0000	140.8168
Paving	0.0231					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0951	0.7109	1.0173	1.5900e-003		0.0356	0.0356		0.0327	0.0327	0.0000	139.6874	139.6874	0.0452	0.0000	140.8168

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-003	2.7300e-003	0.0279	1.0000e-004	0.0112	7.0000e-005	0.0112	2.9600e-003	6.0000e-005	3.0200e-003	0.0000	8.7435	8.7435	1.9000e-004	0.0000	8.7481
Total	4.0000e-003	2.7300e-003	0.0279	1.0000e-004	0.0112	7.0000e-005	0.0112	2.9600e-003	6.0000e-005	3.0200e-003	0.0000	8.7435	8.7435	1.9000e-004	0.0000	8.7481

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	0.0000	0.0000	0.0000	1.5900e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0231					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0231	0.0000	0.0000	1.5900e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-003	2.7300e-003	0.0279	1.0000e-004	0.0112	7.0000e-005	0.0112	2.9600e-003	6.0000e-005	3.0200e-003	0.0000	8.7435	8.7435	1.9000e-004	0.0000	8.7481
Total	4.0000e-003	2.7300e-003	0.0279	1.0000e-004	0.0112	7.0000e-005	0.0112	2.9600e-003	6.0000e-005	3.0200e-003	0.0000	8.7435	8.7435	1.9000e-004	0.0000	8.7481

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	0.8679					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0921	0.1280	2.1000e-004		5.0000e-003	5.0000e-003		5.0000e-003	5.0000e-003	0.0000	18.0430	18.0430	1.0800e-003	0.0000	18.0700
Total	0.8815	0.0921	0.1280	2.1000e-004		5.0000e-003	5.0000e-003		5.0000e-003	5.0000e-003	0.0000	18.0430	18.0430	1.0800e-003	0.0000	18.0700

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
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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	9.7300e-003	6.6500e-003	0.0680	2.4000e-004	0.0271	1.6000e-004	0.0273	7.2100e-003	1.5000e-004	7.3600e-003	0.0000	21.2758	21.2758	4.5000e-004	0.0000	21.2871
Total	9.7300e-003	6.6500e-003	0.0680	2.4000e-004	0.0271	1.6000e-004	0.0273	7.2100e-003	1.5000e-004	7.3600e-003	0.0000	21.2758	21.2758	4.5000e-004	0.0000	21.2871

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	0.8679					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	2.1000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.8679	0.0000	0.0000	2.1000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	9.7300e-003	6.6500e-003	0.0680	2.4000e-004	0.0271	1.6000e-004	0.0273	7.2100e-003	1.5000e-004	7.3600e-003	0.0000	21.2758	21.2758	4.5000e-004	0.0000	21.2871

Total	9.7300e-003	6.6500e-003	0.0680	2.4000e-004	0.0271	1.6000e-004	0.0273	7.2100e-003	1.5000e-004	7.3600e-003	0.0000	21.2758	21.2758	4.5000e-004	0.0000	21.2871
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4.0 Operational Detail - Mobile

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
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Land Use	kBTU/yr	tons/yr										MT/yr					
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	
Other Non-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	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Unrefrigerated Warehouse-No	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	
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	

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					
		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
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

General Office Building	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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
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Category	tons/yr									MT/yr					
Mitigated	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004	1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
Unmitigated	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004	1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
Total	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

Total	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
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7.0 Water Detail

7.1 Mitigation Measures Water

	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			
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - MITIGATED Construction Only - San Joaquin County, Summer

**Tracy Alliance Phase 1 (Tracy Alliance Parcels) - MITIGATED Construction Only
San Joaquin County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4, CalEEMod Note 9
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition - CalEEMod Note 5

Grading -

Architectural Coating - CalEEMod Note 10

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021 & CalEEMod Note 9

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	10.00
tblArchitecturalCoating	EF_Parking	150.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	32.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	40.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	200.00	20.00
tblConstructionPhase	NumDays	120.00	50.00
tblConstructionPhase	NumDays	310.00	125.00
tblConstructionPhase	NumDays	3,100.00	110.00
tblConstructionPhase	NumDays	220.00	20.00
tblConstructionPhase	NumDays	220.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	NT24NG	0.47	0.00

tblEnergyUse	T24E	3.22	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	15.99	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	HorsePower	84.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	UsageHours	6.00	5.30
tblOffRoadEquipment	UsageHours	7.00	9.30
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	10.70
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30

tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	7.00	10.50
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80
tblOffRoadEquipment	UsageHours	8.00	10.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	53.01	0.00
tblSolidWaste	SolidWasteGenerationRate	1,684.95	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	10,130,823.64	0.00
tblWater	IndoorWaterUseRate	414,515,625.00	0.00
tblWater	OutdoorWaterUseRate	6,209,214.49	0.00

2.0 Emissions Summary

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	34.2901	304.1714	297.3960	0.6651	29.6900	13.1459	42.8359	15.9501	12.1801	21.9932	0.0000	65,038.9000	65,038.9000	13.1100	0.0000	65,366.6503

2023	89.1881	222.1351	247.0567	0.5627	16.6027	9.2495	25.8522	4.4627	8.5815	13.0443	0.0000	55,073.23 42	55,073.23 42	10.0164	0.0000	55,323.64 44
Maximum	89.1881	304.1714	297.3960	0.6651	29.6900	13.1459	42.8359	15.9501	12.1801	21.9932	0.0000	65,038.90 00	65,038.90 00	13.1100	0.0000	65,366.65 03

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	12.0012	70.8084	99.3365	0.6651	22.7730	1.2846	24.0576	7.2111	1.2735	8.2184	0.0000	33,033.00 80	33,033.00 80	2.7587	0.0000	33,101.97 45
2023	87.8337	58.3456	72.8011	0.5627	16.6027	0.9961	17.5988	4.4627	0.9884	5.4511	0.0000	27,506.01 32	27,506.01 32	1.1006	0.0000	27,533.52 84
Maximum	87.8337	70.8084	99.3365	0.6651	22.7730	1.2846	24.0576	7.2111	1.2735	8.2184	0.0000	33,033.00 80	33,033.00 80	2.7587	0.0000	33,101.97 45

	ROG	NOx	CO	SO2	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	19.15	75.46	68.38	0.00	14.94	89.82	39.35	42.81	89.11	60.99	0.00	49.60	49.60	83.31	0.00	49.76

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	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
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

Total	0.0341	3.3500e-003	0.3680	3.0000e-005	0.0000	1.3100e-003	1.3100e-003	0.0000	1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003	0.0000	0.8407
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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	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
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
Total	0.0341	3.3500e-003	0.3680	3.0000e-005	0.0000	1.3100e-003	1.3100e-003	0.0000	1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003	0.0000	0.8407

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/28/2022	5	20	
2	Site Preparation	Site Preparation	4/29/2022	7/7/2022	5	50	
3	Grading	Grading	7/8/2022	12/29/2022	5	125	
4	Building Construction	Building Construction	9/1/2022	2/1/2023	5	110	
5	Paving	Paving	2/2/2023	3/1/2023	5	20	
6	Architectural Coating	Architectural Coating	3/2/2023	3/29/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 453.13

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,774,250; Non-Residential Outdoor: 924,750; Striped Parking

OffRoad Equipment

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	12.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	12.80	97	0.37
Grading	Excavators	4	5.80	158	0.38
Grading	Graders	2	5.80	187	0.41
Grading	Rubber Tired Dozers	2	5.80	247	0.40
Grading	Scrapers	4	5.80	367	0.48
Grading	Tractors/Loaders/Backhoes	4	5.80	97	0.37
Building Construction	Cranes	12	9.30	231	0.29
Building Construction	Forklifts	32	12.00	89	0.20
Building Construction	Generator Sets	12	10.70	5	0.74
Building Construction	Tractors/Loaders/Backhoes	32	10.50	97	0.37
Building Construction	Welders	12	10.70	46	0.45
Paving	Pavers	12	9.30	130	0.42
Paving	Paving Equipment	12	9.30	132	0.36
Paving	Rollers	12	9.30	80	0.38
Architectural Coating	Air Compressors	8	5.30	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	133.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

Grading	16	40.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	100	1,094.00	429.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	36	90.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	8	219.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4672	0.0000	1.4672	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388	1.4672	1.2427	2.7098	0.2222	1.1553	1.3774		3,746.7812	3,746.7812	1.0524		3,773.0920

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	0.0464	1.5224	0.2499	5.2200e-003	0.1164	4.6400e-003	0.1210	0.0319	4.4400e-003	0.0364		548.4526	548.4526	0.0216		548.9925

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	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943
Total	0.1230	1.5684	0.8396	7.0400e-003	0.3080	5.7700e-003	0.3138	0.0827	5.4800e-003	0.0882		730.0417	730.0417	0.0258		730.6868

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					0.6602	0.0000	0.6602	0.1000	0.0000	0.1000			0.0000				0.0000
Off-Road	0.0000	0.0000	0.0000	0.0388		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000
Total	0.0000	0.0000	0.0000	0.0388	0.6602	0.0000	0.6602	0.1000	0.0000	0.1000	0.0000	0.0000	0.0000	0.0000			0.0000

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	0.0464	1.5224	0.2499	5.2200e-003	0.1164	4.6400e-003	0.1210	0.0319	4.4400e-003	0.0364		548.4526	548.4526	0.0216		548.9925
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	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943
Total	0.1230	1.5684	0.8396	7.0400e-003	0.3080	5.7700e-003	0.3138	0.0827	5.4800e-003	0.0882		730.0417	730.0417	0.0258		730.6868

3.3 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					28.9060	0.0000	28.9060	15.8891	0.0000	15.8891			0.0000			0.0000
Off-Road	5.0722	52.9336	31.5164	0.0609		2.5801	2.5801		2.3737	2.3737		5,897.6990	5,897.6990	1.9074		5,945.3849
Total	5.0722	52.9336	31.5164	0.0609	28.9060	2.5801	31.4861	15.8891	2.3737	18.2628		5,897.6990	5,897.6990	1.9074		5,945.3849

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	0.0920	0.0551	0.7076	2.1900e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		217.9069	217.9069	5.0500e-003		218.0332
Total	0.0920	0.0551	0.7076	2.1900e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		217.9069	217.9069	5.0500e-003		218.0332

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					13.0077	0.0000	13.0077	7.1501	0.0000	7.1501			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0609		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0609	13.0077	0.0000	13.0077	7.1501	0.0000	7.1501	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0920	0.0551	0.7076	2.1900e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		217.9069	217.9069	5.0500e-003		218.0332
Total	0.0920	0.0551	0.7076	2.1900e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		217.9069	217.9069	5.0500e-003		218.0332

3.4 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					12.5764	0.0000	12.5764	5.2149	0.0000	5.2149			0.0000			0.0000
Off-Road	5.2560	56.3230	42.1102	0.0900		2.3706	2.3706		2.1809	2.1809		8,716.5453	8,716.5453	2.8191		8,787.0230
Total	5.2560	56.3230	42.1102	0.0900	12.5764	2.3706	14.9470	5.2149	2.1809	7.3959		8,716.5453	8,716.5453	2.8191		8,787.0230

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	0.2044	0.1225	1.5725	4.8600e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		484.2375	484.2375	0.0112		484.5181
Total	0.2044	0.1225	1.5725	4.8600e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		484.2375	484.2375	0.0112		484.5181

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					5.6594	0.0000	5.6594	2.3467	0.0000	2.3467			0.0000			0.0000
Off-Road	0.5406	2.3426	19.8222	0.0900		0.0721	0.0721		0.0721	0.0721	0.0000	4,263.8523	4,263.8523	1.3790		4,298.3277
Total	0.5406	2.3426	19.8222	0.0900	5.6594	0.0721	5.7315	2.3467	0.0721	2.4188	0.0000	4,263.8523	4,263.8523	1.3790		4,298.3277

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	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	0.2044	0.1225	1.5725	4.8600e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		484.2375	484.2375	0.0112		484.5181
Total	0.2044	0.1225	1.5725	4.8600e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		484.2375	484.2375	0.0112		484.5181

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	22.0152	202.8621	202.9895	0.3255		10.5882	10.5882		9.8232	9.8232		30,883.2166	30,883.2166	9.3097		31,115.9595
Total	22.0152	202.8621	202.9895	0.3255		10.5882	10.5882		9.8232	9.8232		30,883.2166	30,883.2166	9.3097		31,115.9595

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	1.2230	41.5123	7.7157	0.1118	2.6290	0.1017	2.7307	0.7570	0.0973	0.8543		11,711.0042	11,711.0042	0.6630		11,727.5797
Worker	5.5915	3.3515	43.0081	0.1329	13.9737	0.0824	14.0561	3.7057	0.0759	3.7816		13,243.8964	13,243.8964	0.3070		13,251.5701
Total	6.8145	44.8637	50.7238	0.2447	16.6027	0.1841	16.7868	4.4627	0.1732	4.6359		24,954.9006	24,954.9006	0.9700		24,979.1498

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	4.4416	23.4795	27.2180	0.3255		1.0254	1.0254		1.0254	1.0254	0.0000	3,330.0175	3,330.0175	0.3985		3,339.9789
Total	4.4416	23.4795	27.2180	0.3255		1.0254	1.0254		1.0254	1.0254	0.0000	3,330.0175	3,330.0175	0.3985		3,339.9789

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	1.2230	41.5123	7.7157	0.1118	2.6290	0.1017	2.7307	0.7570	0.0973	0.8543		11,711.0042	11,711.0042	0.6630		11,727.5797
Worker	5.5915	3.3515	43.0081	0.1329	13.9737	0.0824	14.0561	3.7057	0.0759	3.7816		13,243.8964	13,243.8964	0.3070		13,251.5701
Total	6.8145	44.8637	50.7238	0.2447	16.6027	0.1841	16.7868	4.4627	0.1732	4.6359		24,954.9006	24,954.9006	0.9700		24,979.1498

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
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Category	lb/day										lb/day				
Off-Road	20.2654	186.5894	201.1864	0.3257		9.1382	9.1382		8.4779	8.4779	30,897.23	30,897.23	9.2791		31,129.21
											86	86			60
Total	20.2654	186.5894	201.1864	0.3257		9.1382	9.1382		8.4779	8.4779		30,897.23	30,897.23	9.2791	31,129.21
											86	86			60

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	0.8692	32.5401	6.5542	0.1091	2.6290	0.0313	2.6603	0.7570	0.0299	0.7870		11,425.88	11,425.88	0.4630		11,437.46
												61	61			05
Worker	5.2011	3.0057	39.3161	0.1279	13.9737	0.0800	14.0537	3.7057	0.0737	3.7793		12,750.10	12,750.10	0.2743		12,756.96
												96	96			79
Total	6.0703	35.5458	45.8703	0.2370	16.6027	0.1113	16.7140	4.4627	0.1036	4.5663		24,175.99	24,175.99	0.7373		24,194.42
												56	56			85

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	4.0842	22.7998	26.9308	0.3257		0.8848	0.8848		0.8848	0.8848	0.0000	3,330.017	3,330.017	0.3633		3,339.100
												5	5			0
Total	4.0842	22.7998	26.9308	0.3257		0.8848	0.8848		0.8848	0.8848	0.0000	3,330.017	3,330.017	0.3633		3,339.100
												5	5			0

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	0.8692	32.5401	6.5542	0.1091	2.6290	0.0313	2.6603	0.7570	0.0299	0.7870		11,425.88 61	11,425.88 61	0.4630			11,437.46 05
Worker	5.2011	3.0057	39.3161	0.1279	13.9737	0.0800	14.0537	3.7057	0.0737	3.7793		12,750.10 96	12,750.10 96	0.2743			12,756.96 79
Total	6.0703	35.5458	45.8703	0.2370	16.6027	0.1113	16.7140	4.4627	0.1036	4.5663		24,175.99 56	24,175.99 56	0.7373			24,194.42 85

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	lb/day										lb/day						
Off-Road	7.2033	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739		15,397.89 94	15,397.89 94	4.9800			15,522.39 92
Paving	2.3108					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	9.5142	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739		15,397.89 94	15,397.89 94	4.9800			15,522.39 92

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
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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		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
Worker	0.4279	0.2473	3.2344	0.0105	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		1,048.912 1	1,048.912 1	0.0226		1,049.476 3
Total	0.4279	0.2473	3.2344	0.0105	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		1,048.912 1	1,048.912 1	0.0226		1,049.476 3

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	0.0000	0.0000	0.0000	0.1591		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Paving	2.3108					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3108	0.0000	0.0000	0.1591		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.4279	0.2473	3.2344	0.0105	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		1,048.912 1	1,048.912 1	0.0226		1,049.476 3

Total	0.4279	0.2473	3.2344	0.0105	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		1,048.9121	1,048.9121	0.0226		1,049.4763
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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	lb/day										lb/day					
Archit. Coating	86.7925					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3544	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005		1,988.8995	1,988.8995	0.1190		1,991.8743
Total	88.1469	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005		1,988.8995	1,988.8995	0.1190		1,991.8743

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	1.0412	0.6017	7.8704	0.0256	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,552.3528	2,552.3528	0.0549		2,553.7258
Total	1.0412	0.6017	7.8704	0.0256	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,552.3528	2,552.3528	0.0549		2,553.7258

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	86.7925					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0210		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	86.7925	0.0000	0.0000	0.0210		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	1.0412	0.6017	7.8704	0.0256	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,552.3528	2,552.3528	0.0549		2,553.7258
Total	1.0412	0.6017	7.8704	0.0256	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,552.3528	2,552.3528	0.0549		2,553.7258

4.0 Operational Detail - Mobile

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
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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	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
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	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
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
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
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Unmitigated	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003	0.8407
Total	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003	0.8407

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Total	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - MITIGATED Construction Only - San Joaquin County, Winter

**Tracy Alliance Phase 1 (Tracy Alliance Parcels) - MITIGATED Construction Only
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4, CalEEMod Note 9
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition - CalEEMod Note 5

Grading -

Architectural Coating - CalEEMod Note 10

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021 & CalEEMod Note 9

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	10.00
tblArchitecturalCoating	EF_Parking	150.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical

tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	32.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	40.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	200.00	20.00
tblConstructionPhase	NumDays	120.00	50.00
tblConstructionPhase	NumDays	310.00	125.00
tblConstructionPhase	NumDays	3,100.00	110.00
tblConstructionPhase	NumDays	220.00	20.00
tblConstructionPhase	NumDays	220.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	NT24NG	0.47	0.00

tblEnergyUse	T24E	3.22	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	15.99	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	HorsePower	84.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	UsageHours	6.00	5.30
tblOffRoadEquipment	UsageHours	7.00	9.30
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	10.70
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30

tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	7.00	10.50
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80
tblOffRoadEquipment	UsageHours	8.00	10.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	53.01	0.00
tblSolidWaste	SolidWasteGenerationRate	1,684.95	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	10,130,823.64	0.00
tblWater	IndoorWaterUseRate	414,515,625.00	0.00
tblWater	OutdoorWaterUseRate	6,209,214.49	0.00

2.0 Emissions Summary

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	34.5342	305.1712	292.2319	0.6467	29.6900	13.1505	42.8405	15.9501	12.1845	21.9977	0.0000	63,186.27	63,186.27	13.1571	0.0000	63,515.20
												67	67			51

2023	89.2214	222.8954	242.1673	0.5455	16.6027	9.2504	25.8531	4.4627	8.5824	13.0451	0.0000	53,337.01 85	53,337.01 85	10.0418	0.0000	53,588.06 23
Maximum	89.2214	305.1712	292.2319	0.6467	29.6900	13.1505	42.8405	15.9501	12.1845	21.9977	0.0000	63,186.27 67	63,186.27 67	13.1571	0.0000	63,515.20 51

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	12.2453	71.8082	94.1724	0.6467	22.7730	1.2892	24.0622	7.2111	1.2779	8.2228	0.0000	31,180.38 47	31,180.38 47	2.8058	0.0000	31,250.52 93
2023	87.8670	59.1058	67.9117	0.5455	16.6027	0.9970	17.5997	4.4627	0.9893	5.4520	0.0000	25,769.79 74	25,769.79 74	1.1260	0.0000	25,797.94 63
Maximum	87.8670	71.8082	94.1724	0.6467	22.7730	1.2892	24.0622	7.2111	1.2779	8.2228	0.0000	31,180.38 47	31,180.38 47	2.8058	0.0000	31,250.52 93

	ROG	NOx	CO	SO2	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	19.10	75.21	69.67	0.00	14.94	89.79	39.35	42.81	89.08	60.98	0.00	51.13	51.13	83.05	0.00	51.28

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	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
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

Total	0.0341	3.3500e-003	0.3680	3.0000e-005	0.0000	1.3100e-003	1.3100e-003	0.0000	1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003	0.0000	0.8407
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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	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
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
Total	0.0341	3.3500e-003	0.3680	3.0000e-005	0.0000	1.3100e-003	1.3100e-003	0.0000	1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003	0.0000	0.8407

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/28/2022	5	20	
2	Site Preparation	Site Preparation	4/29/2022	7/7/2022	5	50	
3	Grading	Grading	7/8/2022	12/29/2022	5	125	
4	Building Construction	Building Construction	9/1/2022	2/1/2023	5	110	
5	Paving	Paving	2/2/2023	3/1/2023	5	20	
6	Architectural Coating	Architectural Coating	3/2/2023	3/29/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 453.13

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,774,250; Non-Residential Outdoor: 924,750; Striped Parking

OffRoad Equipment

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	12.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	12.80	97	0.37
Grading	Excavators	4	5.80	158	0.38
Grading	Graders	2	5.80	187	0.41
Grading	Rubber Tired Dozers	2	5.80	247	0.40
Grading	Scrapers	4	5.80	367	0.48
Grading	Tractors/Loaders/Backhoes	4	5.80	97	0.37
Building Construction	Cranes	12	9.30	231	0.29
Building Construction	Forklifts	32	12.00	89	0.20
Building Construction	Generator Sets	12	10.70	5	0.74
Building Construction	Tractors/Loaders/Backhoes	32	10.50	97	0.37
Building Construction	Welders	12	10.70	46	0.45
Paving	Pavers	12	9.30	130	0.42
Paving	Paving Equipment	12	9.30	132	0.36
Paving	Rollers	12	9.30	80	0.38
Architectural Coating	Air Compressors	8	5.30	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	133.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

Grading	16	40.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	100	1,094.00	429.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	36	90.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	8	219.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4672	0.0000	1.4672	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388	1.4672	1.2427	2.7098	0.2222	1.1553	1.3774		3,746.7812	3,746.7812	1.0524		3,773.0920

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	0.0479	1.5585	0.2786	5.1100e-003	0.1164	4.7500e-003	0.1212	0.0319	4.5500e-003	0.0365		536.8004	536.8004	0.0241		537.4029

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	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003		162.2964
Total	0.1268	1.6144	0.7804	6.7400e-003	0.3080	5.8800e-003	0.3139	0.0827	5.5900e-003	0.0883		699.0040	699.0040	0.0278		699.6993

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					0.6602	0.0000	0.6602	0.1000	0.0000	0.1000			0.0000				0.0000
Off-Road	0.0000	0.0000	0.0000	0.0388		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000
Total	0.0000	0.0000	0.0000	0.0388	0.6602	0.0000	0.6602	0.1000	0.0000	0.1000	0.0000	0.0000	0.0000	0.0000			0.0000

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	0.0479	1.5585	0.2786	5.1100e-003	0.1164	4.7500e-003	0.1212	0.0319	4.5500e-003	0.0365		536.8004	536.8004	0.0241		537.4029
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	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003		162.2964
Total	0.1268	1.6144	0.7804	6.7400e-003	0.3080	5.8800e-003	0.3139	0.0827	5.5900e-003	0.0883		699.0040	699.0040	0.0278		699.6993

3.3 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					28.9060	0.0000	28.9060	15.8891	0.0000	15.8891			0.0000			0.0000
Off-Road	5.0722	52.9336	31.5164	0.0609		2.5801	2.5801		2.3737	2.3737		5,897.6990	5,897.6990	1.9074		5,945.3849
Total	5.0722	52.9336	31.5164	0.0609	28.9060	2.5801	31.4861	15.8891	2.3737	18.2628		5,897.6990	5,897.6990	1.9074		5,945.3849

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	0.0947	0.0670	0.6022	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.6444	194.6444	4.4500e-003		194.7557
Total	0.0947	0.0670	0.6022	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.6444	194.6444	4.4500e-003		194.7557

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					13.0077	0.0000	13.0077	7.1501	0.0000	7.1501			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0609		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0609	13.0077	0.0000	13.0077	7.1501	0.0000	7.1501	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0947	0.0670	0.6022	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.6444	194.6444	4.4500e-003		194.7557
Total	0.0947	0.0670	0.6022	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.6444	194.6444	4.4500e-003		194.7557

3.4 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					12.5764	0.0000	12.5764	5.2149	0.0000	5.2149			0.0000			0.0000
Off-Road	5.2560	56.3230	42.1102	0.0900		2.3706	2.3706		2.1809	2.1809		8,716.5453	8,716.5453	2.8191		8,787.0230
Total	5.2560	56.3230	42.1102	0.0900	12.5764	2.3706	14.9470	5.2149	2.1809	7.3959		8,716.5453	8,716.5453	2.8191		8,787.0230

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	0.2105	0.1489	1.3381	4.3400e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		432.5431	432.5431	9.8900e-003		432.7904
Total	0.2105	0.1489	1.3381	4.3400e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		432.5431	432.5431	9.8900e-003		432.7904

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					5.6594	0.0000	5.6594	2.3467	0.0000	2.3467			0.0000			0.0000
Off-Road	0.5406	2.3426	19.8222	0.0900		0.0721	0.0721		0.0721	0.0721	0.0000	4,263.8523	4,263.8523	1.3790		4,298.3277
Total	0.5406	2.3426	19.8222	0.0900	5.6594	0.0721	5.7315	2.3467	0.0721	2.4188	0.0000	4,263.8523	4,263.8523	1.3790		4,298.3277

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	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	0.2105	0.1489	1.3381	4.3400e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		432.5431	432.5431	9.8900e-003		432.7904
Total	0.2105	0.1489	1.3381	4.3400e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		432.5431	432.5431	9.8900e-003		432.7904

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	22.0152	202.8621	202.9895	0.3255		10.5882	10.5882		9.8232	9.8232		30,883.2166	30,883.2166	9.3097		31,115.9595
Total	22.0152	202.8621	202.9895	0.3255		10.5882	10.5882		9.8232	9.8232		30,883.2166	30,883.2166	9.3097		31,115.9595

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	1.2966	41.7654	9.1960	0.1082	2.6290	0.1063	2.7353	0.7570	0.1017	0.8588		11,323.9182	11,323.9182	0.7479		11,342.6155
Worker	5.7560	4.0718	36.5980	0.1187	13.9737	0.0824	14.0561	3.7057	0.0759	3.7816		11,830.0536	11,830.0536	0.2705		11,836.8167
Total	7.0526	45.8372	45.7941	0.2268	16.6027	0.1887	16.7914	4.4627	0.1776	4.6403		23,153.9718	23,153.9718	1.0184		23,179.4323

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	4.4416	23.4795	27.2180	0.3255		1.0254	1.0254		1.0254	1.0254	0.0000	3,330.0175	3,330.0175	0.3985		3,339.9789
Total	4.4416	23.4795	27.2180	0.3255		1.0254	1.0254		1.0254	1.0254	0.0000	3,330.0175	3,330.0175	0.3985		3,339.9789

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	1.2966	41.7654	9.1960	0.1082	2.6290	0.1063	2.7353	0.7570	0.1017	0.8588		11,323.9182	11,323.9182	0.7479		11,342.6155
Worker	5.7560	4.0718	36.5980	0.1187	13.9737	0.0824	14.0561	3.7057	0.0759	3.7816		11,830.0536	11,830.0536	0.2705		11,836.8167
Total	7.0526	45.8372	45.7941	0.2268	16.6027	0.1887	16.7914	4.4627	0.1776	4.6403		23,153.9718	23,153.9718	1.0184		23,179.4323

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
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Category	lb/day										lb/day				
Off-Road	20.2654	186.5894	201.1864	0.3257		9.1382	9.1382		8.4779	8.4779	30,897.23	30,897.23	9.2791		31,129.21
											86	86			60
Total	20.2654	186.5894	201.1864	0.3257		9.1382	9.1382		8.4779	8.4779		30,897.23	30,897.23	9.2791	31,129.21
											86	86			60

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	0.9229	32.6569	7.6553	0.1055	2.6290	0.0323	2.6612	0.7570	0.0308	0.7879		11,050.19	11,050.19	0.5215		11,063.23
												88	88			50
Worker	5.3674	3.6492	33.3256	0.1142	13.9737	0.0800	14.0537	3.7057	0.0737	3.7793		11,389.58	11,389.58	0.2412		11,395.61
												11	11			13
Total	6.2903	36.3060	40.9809	0.2198	16.6027	0.1122	16.7149	4.4627	0.1045	4.5672		22,439.77	22,439.77	0.7627		22,458.84
												99	99			63

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	4.0842	22.7998	26.9308	0.3257		0.8848	0.8848		0.8848	0.8848	0.0000	3,330.017	3,330.017	0.3633		3,339.100
												5	5			0
Total	4.0842	22.7998	26.9308	0.3257		0.8848	0.8848		0.8848	0.8848	0.0000	3,330.017	3,330.017	0.3633		3,339.100
												5	5			0

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	0.9229	32.6569	7.6553	0.1055	2.6290	0.0323	2.6612	0.7570	0.0308	0.7879		11,050.19 88	11,050.19 88	0.5215			11,063.23 50
Worker	5.3674	3.6492	33.3256	0.1142	13.9737	0.0800	14.0537	3.7057	0.0737	3.7793		11,389.58 11	11,389.58 11	0.2412			11,395.61 13
Total	6.2903	36.3060	40.9809	0.2198	16.6027	0.1122	16.7149	4.4627	0.1045	4.5672		22,439.77 99	22,439.77 99	0.7627			22,458.84 63

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	lb/day										lb/day						
Off-Road	7.2033	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739		15,397.89 94	15,397.89 94	4.9800			15,522.39 92
Paving	2.3108					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	9.5142	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739		15,397.89 94	15,397.89 94	4.9800			15,522.39 92

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
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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	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	0.4416	0.3002	2.7416	9.4000e-003	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		936.9857	936.9857	0.0198	937.4817	
Total	0.4416	0.3002	2.7416	9.4000e-003	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		936.9857	936.9857	0.0198	937.4817	

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	0.0000	0.0000	0.0000	0.1591		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Paving	2.3108					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3108	0.0000	0.0000	0.1591		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.4416	0.3002	2.7416	9.4000e-003	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		936.9857	936.9857	0.0198		937.4817

Total	0.4416	0.3002	2.7416	9.4000e-003	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		936.9857	936.9857	0.0198		937.4817
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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	lb/day										lb/day					
Archit. Coating	86.7925					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3544	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005		1,988.8995	1,988.8995	0.1190		1,991.8743
Total	88.1469	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005		1,988.8995	1,988.8995	0.1190		1,991.8743

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	1.0745	0.7305	6.6712	0.0229	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,279.9984	2,279.9984	0.0483		2,281.2056
Total	1.0745	0.7305	6.6712	0.0229	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,279.9984	2,279.9984	0.0483		2,281.2056

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	86.7925					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0210		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	86.7925	0.0000	0.0000	0.0210		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	1.0745	0.7305	6.6712	0.0229	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,279.9984	2,279.9984	0.0483		2,281.2056
Total	1.0745	0.7305	6.6712	0.0229	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,279.9984	2,279.9984	0.0483		2,281.2056

4.0 Operational Detail - Mobile

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
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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	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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

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

5.2 Energy by Land Use - NaturalGas
Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	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
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
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
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Unmitigated	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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
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SubCategory	lb/day								lb/day						
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003	0.8407
Total	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003	0.8407

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Total	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - Unmitigated Construction Only - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcels) - Unmitigated Construction Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition - CalEEMod Note 5

Grading -

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	200.00	20.00
tblConstructionPhase	NumDays	120.00	50.00
tblConstructionPhase	NumDays	310.00	125.00
tblConstructionPhase	NumDays	3,100.00	110.00
tblConstructionPhase	NumDays	220.00	20.00
tblConstructionPhase	NumDays	220.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	T24E	3.22	0.00

tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	15.99	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	UsageHours	6.00	5.30
tblOffRoadEquipment	UsageHours	7.00	9.30
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	10.70
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80

tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	7.00	10.50
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80
tblOffRoadEquipment	UsageHours	8.00	10.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	53.01	0.00
tblSolidWaste	SolidWasteGenerationRate	1,684.95	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	10,130,823.64	0.00
tblWater	IndoorWaterUseRate	414,515,625.00	0.00
tblWater	OutdoorWaterUseRate	6,209,214.49	0.00

2.0 Emissions Summary

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	1.9663	17.9809	17.1132	0.0368	2.2638	0.7966	3.0604	0.9248	0.7450	1.6698	0.0000	3,247.4647	3,247.4647	0.6383	0.0000	3,263.4209
2023	13.4969	3.8746	4.7035	9.6800e-003	0.2236	0.1709	0.3944	0.0601	0.1603	0.2204	0.0000	854.1916	854.1916	0.1560	0.0000	858.0908

Maximum	13.4969	17.9809	17.1132	0.0368	2.2638	0.7966	3.0604	0.9248	0.7450	1.6698	0.0000	3,247.4647	3,247.4647	0.6383	0.0000	3,263.4209
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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	1.9663	17.9809	17.1131	0.0368	1.4259	0.7966	2.2226	0.5258	0.7450	1.2708	0.0000	3,247.4620	3,247.4620	0.6383	0.0000	3,263.4182
2023	13.4969	3.8746	4.7035	9.6800e-003	0.2236	0.1709	0.3944	0.0601	0.1603	0.2204	0.0000	854.1909	854.1909	0.1560	0.0000	858.0901
Maximum	13.4969	17.9809	17.1131	0.0368	1.4259	0.7966	2.2226	0.5258	0.7450	1.2708	0.0000	3,247.4620	3,247.4620	0.6383	0.0000	3,263.4182

	ROG	NOx	CO	SO2	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	33.68	0.00	24.25	40.51	0.00	21.11	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	4-1-2022	6-30-2022	1.6089	1.6089
2	7-1-2022	9-30-2022	5.5481	5.5481
3	10-1-2022	12-31-2022	12.8358	12.8358
4	1-1-2023	3-31-2023	17.3611	17.3611
		Highest	17.3611	17.3611

**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	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
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
Total	3.0700e-003	3.0000e-004	0.0331	0.0000	0.0000	1.2000e-004	1.2000e-004	0.0000	1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

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	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
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
Total	3.0700e-003	3.0000e-004	0.0331	0.0000	0.0000	1.2000e-004	1.2000e-004	0.0000	1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/28/2022	5	20	
2	Site Preparation	Site Preparation	4/29/2022	7/7/2022	5	50	
3	Grading	Grading	7/8/2022	12/29/2022	5	125	
4	Building Construction	Building Construction	9/1/2022	2/1/2023	5	110	
5	Paving	Paving	2/2/2023	3/1/2023	5	20	
6	Architectural Coating	Architectural Coating	3/2/2023	3/29/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 453.13

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,774,250; Non-Residential Outdoor: 924,750; Striped Parking

OffRoad Equipment

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	12.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	12.80	97	0.37
Grading	Excavators	4	5.80	158	0.38
Grading	Graders	2	5.80	187	0.41
Grading	Rubber Tired Dozers	2	5.80	247	0.40
Grading	Scrapers	4	5.80	367	0.48
Grading	Tractors/Loaders/Backhoes	4	5.80	97	0.37
Building Construction	Cranes	12	9.30	231	0.29
Building Construction	Forklifts	32	12.00	89	0.20
Building Construction	Generator Sets	12	10.70	84	0.74
Building Construction	Tractors/Loaders/Backhoes	32	10.50	97	0.37
Building Construction	Welders	12	10.70	46	0.45

Paving	Pavers	12	9.30	130	0.42
Paving	Paving Equipment	12	9.30	132	0.36
Paving	Rollers	12	9.30	80	0.38
Architectural Coating	Air Compressors	8	5.30	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	133.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	100	1,094.00	429.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	36	90.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	8	219.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0147	0.0000	0.0147	2.2200e-003	0.0000	2.2200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289
Total	0.0264	0.2572	0.2059	3.9000e-004	0.0147	0.0124	0.0271	2.2200e-003	0.0116	0.0138	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0156	2.6200e-003	5.0000e-005	1.1300e-003	5.0000e-005	1.1800e-003	3.1000e-004	4.0000e-005	3.6000e-004	0.0000	4.9311	4.9311	2.1000e-004	0.0000	4.9362
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	7.2000e-004	5.1000e-004	5.1000e-003	2.0000e-005	1.8600e-003	1.0000e-005	1.8700e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5136	1.5136	3.0000e-005	0.0000	1.5145
Total	1.1900e-003	0.0161	7.7200e-003	7.0000e-005	2.9900e-003	6.0000e-005	3.0500e-003	8.0000e-004	5.0000e-005	8.6000e-004	0.0000	6.4447	6.4447	2.4000e-004	0.0000	6.4507

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.6000e-003	0.0000	6.6000e-003	1.0000e-003	0.0000	1.0000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289
Total	0.0264	0.2572	0.2059	3.9000e-004	6.6000e-003	0.0124	0.0190	1.0000e-003	0.0116	0.0126	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289

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
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Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0156	2.6200e-003	5.0000e-005	1.1300e-003	5.0000e-005	1.1800e-003	3.1000e-004	4.0000e-005	3.6000e-004	0.0000	4.9311	4.9311	2.1000e-004	0.0000	4.9362
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	7.2000e-004	5.1000e-004	5.1000e-003	2.0000e-005	1.8600e-003	1.0000e-005	1.8700e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5136	1.5136	3.0000e-005	0.0000	1.5145
Total	1.1900e-003	0.0161	7.7200e-003	7.0000e-005	2.9900e-003	6.0000e-005	3.0500e-003	8.0000e-004	5.0000e-005	8.6000e-004	0.0000	6.4447	6.4447	2.4000e-004	0.0000	6.4507

3.3 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					0.7227	0.0000	0.7227	0.3972	0.0000	0.3972	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1268	1.3233	0.7879	1.5200e-003		0.0645	0.0645		0.0593	0.0593	0.0000	133.7576	133.7576	0.0433	0.0000	134.8391
Total	0.1268	1.3233	0.7879	1.5200e-003	0.7227	0.0645	0.7872	0.3972	0.0593	0.4566	0.0000	133.7576	133.7576	0.0433	0.0000	134.8391

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	2.1500e-003	1.5200e-003	0.0153	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.5409	4.5409	1.0000e-004	0.0000	4.5435

Total	2.1500e-003	1.5200e-003	0.0153	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.5409	4.5409	1.0000e-004	0.0000	4.5435
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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					0.3252	0.0000	0.3252	0.1788	0.0000	0.1788	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1268	1.3233	0.7879	1.5200e-003		0.0645	0.0645		0.0593	0.0593	0.0000	133.7574	133.7574	0.0433	0.0000	134.8389
Total	0.1268	1.3233	0.7879	1.5200e-003	0.3252	0.0645	0.3897	0.1788	0.0593	0.2381	0.0000	133.7574	133.7574	0.0433	0.0000	134.8389

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	2.1500e-003	1.5200e-003	0.0153	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.5409	4.5409	1.0000e-004	0.0000	4.5435
Total	2.1500e-003	1.5200e-003	0.0153	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.5409	4.5409	1.0000e-004	0.0000	4.5435

3.4 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					0.7860	0.0000	0.7860	0.3259	0.0000	0.3259	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3285	3.5202	2.6319	5.6300e-003		0.1482	0.1482		0.1363	0.1363	0.0000	494.2198	494.2198	0.1598	0.0000	498.2158
Total	0.3285	3.5202	2.6319	5.6300e-003	0.7860	0.1482	0.9342	0.3259	0.1363	0.4622	0.0000	494.2198	494.2198	0.1598	0.0000	498.2158

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	0.0119	8.4700e-003	0.0850	2.8000e-004	0.0310	1.9000e-004	0.0312	8.2300e-003	1.7000e-004	8.4000e-003	0.0000	25.2271	25.2271	5.8000e-004	0.0000	25.2415
Total	0.0119	8.4700e-003	0.0850	2.8000e-004	0.0310	1.9000e-004	0.0312	8.2300e-003	1.7000e-004	8.4000e-003	0.0000	25.2271	25.2271	5.8000e-004	0.0000	25.2415

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					0.3537	0.0000	0.3537	0.1467	0.0000	0.1467	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3285	3.5202	2.6319	5.6300e-003		0.1482	0.1482		0.1363	0.1363	0.0000	494.2192	494.2192	0.1598	0.0000	498.2152

Total	0.3285	3.5202	2.6319	5.6300e-003	0.3537	0.1482	0.5019	0.1467	0.1363	0.2830	0.0000	494.2192	494.2192	0.1598	0.0000	498.2152
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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	0.0119	8.4700e-003	0.0850	2.8000e-004	0.0310	1.9000e-004	0.0312	8.2300e-003	1.7000e-004	8.4000e-003	0.0000	25.2271	25.2271	5.8000e-004	0.0000	25.2415
Total	0.0119	8.4700e-003	0.0850	2.8000e-004	0.0310	1.9000e-004	0.0312	8.2300e-003	1.7000e-004	8.4000e-003	0.0000	25.2271	25.2271	5.8000e-004	0.0000	25.2415

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	1.1881	10.8689	11.3965	0.0188		0.5632	0.5632		0.5299	0.5299	0.0000	1,613.3438	1,613.3438	0.3861	0.0000	1,622.9971
Total	1.1881	10.8689	11.3965	0.0188		0.5632	0.5632		0.5299	0.5299	0.0000	1,613.3438	1,613.3438	0.3861	0.0000	1,622.9971

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	0.0544	1.8240	0.3641	4.8000e-003	0.1115	4.5100e-003	0.1160	0.0322	4.3100e-003	0.0366	0.0000	455.7280	455.7280	0.0276	0.0000	456.4179
Worker	0.2270	0.1612	1.6188	5.3100e-003	0.5894	3.5800e-003	0.5930	0.1567	3.3000e-003	0.1600	0.0000	480.2127	480.2127	0.0110	0.0000	480.4865
Total	0.2813	1.9852	1.9829	0.0101	0.7009	8.0900e-003	0.7090	0.1889	7.6100e-003	0.1965	0.0000	935.9407	935.9407	0.0385	0.0000	936.9044

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1881	10.8689	11.3965	0.0188		0.5632	0.5632		0.5299	0.5299	0.0000	1,613.3419	1,613.3419	0.3861	0.0000	1,622.9952
Total	1.1881	10.8689	11.3965	0.0188		0.5632	0.5632		0.5299	0.5299	0.0000	1,613.3419	1,613.3419	0.3861	0.0000	1,622.9952

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	0.0544	1.8240	0.3641	4.8000e-003	0.1115	4.5100e-003	0.1160	0.0322	4.3100e-003	0.0366	0.0000	455.7280	455.7280	0.0276	0.0000	456.4179

Worker	0.2270	0.1612	1.6188	5.3100e-003	0.5894	3.5800e-003	0.5930	0.1567	3.3000e-003	0.1600	0.0000	480.2127	480.2127	0.0110	0.0000	480.4865
Total	0.2813	1.9852	1.9829	0.0101	0.7009	8.0900e-003	0.7090	0.1889	7.6100e-003	0.1965	0.0000	935.9407	935.9407	0.0385	0.0000	936.9044

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2895	2.6470	2.9909	4.9600e-003		0.1288	0.1288		0.1212	0.1212	0.0000	426.6625	426.6625	0.1014	0.0000	429.1973
Total	0.2895	2.6470	2.9909	4.9600e-003		0.1288	0.1288		0.1212	0.1212	0.0000	426.6625	426.6625	0.1014	0.0000	429.1973

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	0.0102	0.3771	0.0810	1.2400e-003	0.0295	3.6000e-004	0.0299	8.5200e-003	3.5000e-004	8.8700e-003	0.0000	117.5552	117.5552	5.0900e-003	0.0000	117.6826
Worker	0.0559	0.0382	0.3904	1.3500e-003	0.1558	9.2000e-004	0.1567	0.0414	8.5000e-004	0.0423	0.0000	122.2242	122.2242	2.5900e-003	0.0000	122.2889
Total	0.0661	0.4152	0.4715	2.5900e-003	0.1853	1.2800e-003	0.1866	0.0499	1.2000e-003	0.0511	0.0000	239.7795	239.7795	7.6800e-003	0.0000	239.9714

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	0.2895	2.6470	2.9909	4.9600e-003		0.1288	0.1288		0.1212	0.1212	0.0000	426.6620	426.6620	0.1014	0.0000	429.1968
Total	0.2895	2.6470	2.9909	4.9600e-003		0.1288	0.1288		0.1212	0.1212	0.0000	426.6620	426.6620	0.1014	0.0000	429.1968

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	0.0102	0.3771	0.0810	1.2400e-003	0.0295	3.6000e-004	0.0299	8.5200e-003	3.5000e-004	8.8700e-003	0.0000	117.5552	117.5552	5.0900e-003	0.0000	117.6826
Worker	0.0559	0.0382	0.3904	1.3500e-003	0.1558	9.2000e-004	0.1567	0.0414	8.5000e-004	0.0423	0.0000	122.2242	122.2242	2.5900e-003	0.0000	122.2889
Total	0.0661	0.4152	0.4715	2.5900e-003	0.1853	1.2800e-003	0.1866	0.0499	1.2000e-003	0.0511	0.0000	239.7795	239.7795	7.6800e-003	0.0000	239.9714

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	0.0720	0.7109	1.0173	1.5900e-003		0.0356	0.0356		0.0327	0.0327	0.0000	139.6874	139.6874	0.0452	0.0000	140.8168

Paving	0.0231					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0951	0.7109	1.0173	1.5900e-003		0.0356	0.0356		0.0327	0.0327	0.0000	139.6874	139.6874	0.0452	0.0000	140.8168

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-003	2.7300e-003	0.0279	1.0000e-004	0.0112	7.0000e-005	0.0112	2.9600e-003	6.0000e-005	3.0200e-003	0.0000	8.7435	8.7435	1.9000e-004	0.0000	8.7481
Total	4.0000e-003	2.7300e-003	0.0279	1.0000e-004	0.0112	7.0000e-005	0.0112	2.9600e-003	6.0000e-005	3.0200e-003	0.0000	8.7435	8.7435	1.9000e-004	0.0000	8.7481

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	0.0720	0.7109	1.0173	1.5900e-003		0.0356	0.0356		0.0327	0.0327	0.0000	139.6872	139.6872	0.0452	0.0000	140.8167
Paving	0.0231					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0951	0.7109	1.0173	1.5900e-003		0.0356	0.0356		0.0327	0.0327	0.0000	139.6872	139.6872	0.0452	0.0000	140.8167

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-003	2.7300e-003	0.0279	1.0000e-004	0.0112	7.0000e-005	0.0112	2.9600e-003	6.0000e-005	3.0200e-003	0.0000	8.7435	8.7435	1.9000e-004	0.0000	8.7481
Total	4.0000e-003	2.7300e-003	0.0279	1.0000e-004	0.0112	7.0000e-005	0.0112	2.9600e-003	6.0000e-005	3.0200e-003	0.0000	8.7435	8.7435	1.9000e-004	0.0000	8.7481

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	13.0189					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0921	0.1280	2.1000e-004		5.0000e-003	5.0000e-003		5.0000e-003	5.0000e-003	0.0000	18.0430	18.0430	1.0800e-003	0.0000	18.0700
Total	13.0324	0.0921	0.1280	2.1000e-004		5.0000e-003	5.0000e-003		5.0000e-003	5.0000e-003	0.0000	18.0430	18.0430	1.0800e-003	0.0000	18.0700

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	9.7300e-003	6.6500e-003	0.0680	2.4000e-004	0.0271	1.6000e-004	0.0273	7.2100e-003	1.5000e-004	7.3600e-003	0.0000	21.2758	21.2758	4.5000e-004	0.0000	21.2871
Total	9.7300e-003	6.6500e-003	0.0680	2.4000e-004	0.0271	1.6000e-004	0.0273	7.2100e-003	1.5000e-004	7.3600e-003	0.0000	21.2758	21.2758	4.5000e-004	0.0000	21.2871

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	13.0189					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0921	0.1280	2.1000e-004		5.0000e-003	5.0000e-003		5.0000e-003	5.0000e-003	0.0000	18.0430	18.0430	1.0800e-003	0.0000	18.0700
Total	13.0324	0.0921	0.1280	2.1000e-004		5.0000e-003	5.0000e-003		5.0000e-003	5.0000e-003	0.0000	18.0430	18.0430	1.0800e-003	0.0000	18.0700

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	9.7300e-003	6.6500e-003	0.0680	2.4000e-004	0.0271	1.6000e-004	0.0273	7.2100e-003	1.5000e-004	7.3600e-003	0.0000	21.2758	21.2758	4.5000e-004	0.0000	21.2871
Total	9.7300e-003	6.6500e-003	0.0680	2.4000e-004	0.0271	1.6000e-004	0.0273	7.2100e-003	1.5000e-004	7.3600e-003	0.0000	21.2758	21.2758	4.5000e-004	0.0000	21.2871

4.0 Operational Detail - Mobile

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 Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
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	0.0000
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
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	0.0000
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000

Total		0.0000	0.0000	0.0000	0.0000
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Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
Unmitigated	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
Total	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
Total	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

7.0 Water Detail

7.1 Mitigation Measures Water

	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			
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
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Land Use	tons	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

Land Use	Waste Disposed tons	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - Unmitigated Construction Only - San Joaquin County, Summer

**Tracy Alliance Phase 1 (Tracy Alliance Parcels) - Unmitigated Construction Only
San Joaquin County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition - CalEEMod Note 5

Grading -

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	200.00	20.00
tblConstructionPhase	NumDays	120.00	50.00
tblConstructionPhase	NumDays	310.00	125.00
tblConstructionPhase	NumDays	3,100.00	110.00
tblConstructionPhase	NumDays	220.00	20.00
tblConstructionPhase	NumDays	220.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	T24E	3.22	0.00

tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	15.99	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	UsageHours	6.00	5.30
tblOffRoadEquipment	UsageHours	7.00	9.30
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	10.70
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80

tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	7.00	10.50
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80
tblOffRoadEquipment	UsageHours	8.00	10.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	53.01	0.00
tblSolidWaste	SolidWasteGenerationRate	1,684.95	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	10,130,823.64	0.00
tblWater	IndoorWaterUseRate	414,515,625.00	0.00
tblWater	OutdoorWaterUseRate	6,209,214.49	0.00

2.0 Emissions Summary

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	39.5865	351.1699	356.3949	0.7707	29.6900	15.5038	45.1937	15.9501	14.5379	24.3511	0.0000	75,038.60 48	75,038.60 48	13.5851	0.0000	75,378.23 24
2023	1,304.2832	265.7201	305.9500	0.6683	16.6027	11.3082	27.9109	4.4627	10.6402	15.1030	0.0000	65,072.93 91	65,072.93 91	10.4563	0.0000	65,334.34 67

Maximum	1,304.2832	351.1699	356.3949	0.7707	29.6900	15.5038	45.1937	15.9501	14.5379	24.3511	0.0000	75,038.6048	75,038.6048	13.5851	0.0000	75,378.2324
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Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	39.5865	351.1699	356.3949	0.7707	22.7730	15.5038	38.2767	7.2111	14.5379	21.4829	0.0000	75,038.6048	75,038.6048	13.5851	0.0000	75,378.2323
2023	1,304.2832	265.7201	305.9500	0.6683	16.6027	11.3082	27.9109	4.4627	10.6402	15.1030	0.0000	65,072.9390	65,072.9390	10.4563	0.0000	65,334.3466
Maximum	1,304.2832	351.1699	356.3949	0.7707	22.7730	15.5038	38.2767	7.2111	14.5379	21.4829	0.0000	75,038.6048	75,038.6048	13.5851	0.0000	75,378.2323

	ROG	NOx	CO	SO2	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	14.94	0.00	9.46	42.81	0.00	7.27	0.00	0.00	0.00	0.00	0.00	0.00

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	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
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
Total	0.0341	3.3500e-003	0.3680	3.0000e-005	0.0000	1.3100e-003	1.3100e-003	0.0000	1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003	0.0000	0.8407

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	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003			0.7890	0.7890	2.0700e-003		0.8407
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
Total	0.0341	3.3500e-003	0.3680	3.0000e-005	0.0000	1.3100e-003	1.3100e-003	0.0000	1.3100e-003	1.3100e-003			0.7890	0.7890	2.0700e-003	0.0000	0.8407

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/28/2022	5	20	
2	Site Preparation	Site Preparation	4/29/2022	7/7/2022	5	50	
3	Grading	Grading	7/8/2022	12/29/2022	5	125	
4	Building Construction	Building Construction	9/1/2022	2/1/2023	5	110	
5	Paving	Paving	2/2/2023	3/1/2023	5	20	
6	Architectural Coating	Architectural Coating	3/2/2023	3/29/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 453.13

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,774,250; Non-Residential Outdoor: 924,750; Striped Parking

OffRoad Equipment

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	12.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	12.80	97	0.37
Grading	Excavators	4	5.80	158	0.38
Grading	Graders	2	5.80	187	0.41
Grading	Rubber Tired Dozers	2	5.80	247	0.40
Grading	Scrapers	4	5.80	367	0.48
Grading	Tractors/Loaders/Backhoes	4	5.80	97	0.37
Building Construction	Cranes	12	9.30	231	0.29
Building Construction	Forklifts	32	12.00	89	0.20
Building Construction	Generator Sets	12	10.70	84	0.74
Building Construction	Tractors/Loaders/Backhoes	32	10.50	97	0.37
Building Construction	Welders	12	10.70	46	0.45
Paving	Pavers	12	9.30	130	0.42
Paving	Paving Equipment	12	9.30	132	0.36
Paving	Rollers	12	9.30	80	0.38
Architectural Coating	Air Compressors	8	5.30	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	133.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	100	1,094.00	429.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

Paving	36	90.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	8	219.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4672	0.0000	1.4672	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	3,746.7812	3,746.7812	1.0524			3,773.0920
Total	2.6392	25.7194	20.5941	0.0388	1.4672	1.2427	2.7098	0.2222	1.1553	1.3774		3,746.7812	3,746.7812	1.0524		3,773.0920

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	0.0464	1.5224	0.2499	5.2200e-003	0.1164	4.6400e-003	0.1210	0.0319	4.4400e-003	0.0364		548.4526	548.4526	0.0216		548.9925
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	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943

Total	0.1230	1.5684	0.8396	7.0400e-003	0.3080	5.7700e-003	0.3138	0.0827	5.4800e-003	0.0882		730.0417	730.0417	0.0258		730.6868
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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					0.6602	0.0000	0.6602	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388	0.6602	1.2427	1.9029	0.1000	1.1553	1.2552	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920

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	0.0464	1.5224	0.2499	5.2200e-003	0.1164	4.6400e-003	0.1210	0.0319	4.4400e-003	0.0364		548.4526	548.4526	0.0216		548.9925
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	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943
Total	0.1230	1.5684	0.8396	7.0400e-003	0.3080	5.7700e-003	0.3138	0.0827	5.4800e-003	0.0882		730.0417	730.0417	0.0258		730.6868

3.3 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					28.9060	0.0000	28.9060	15.8891	0.0000	15.8891			0.0000			0.0000
Off-Road	5.0722	52.9336	31.5164	0.0609		2.5801	2.5801		2.3737	2.3737		5,897.6990	5,897.6990	1.9074		5,945.3849
Total	5.0722	52.9336	31.5164	0.0609	28.9060	2.5801	31.4861	15.8891	2.3737	18.2628		5,897.6990	5,897.6990	1.9074		5,945.3849

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	0.0920	0.0551	0.7076	2.1900e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		217.9069	217.9069	5.0500e-003		218.0332
Total	0.0920	0.0551	0.7076	2.1900e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		217.9069	217.9069	5.0500e-003		218.0332

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					13.0077	0.0000	13.0077	7.1501	0.0000	7.1501			0.0000			0.0000
Off-Road	5.0722	52.9336	31.5164	0.0609		2.5801	2.5801		2.3737	2.3737	0.0000	5,897.6990	5,897.6990	1.9074		5,945.3849

Total	5.0722	52.9336	31.5164	0.0609	13.0077	2.5801	15.5878	7.1501	2.3737	9.5238	0.0000	5,897.6990	5,897.6990	1.9074		5,945.3849
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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	0.0920	0.0551	0.7076	2.1900e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		217.9069	217.9069	5.0500e-003		218.0332
Total	0.0920	0.0551	0.7076	2.1900e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		217.9069	217.9069	5.0500e-003		218.0332

3.4 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					12.5764	0.0000	12.5764	5.2149	0.0000	5.2149			0.0000			0.0000
Off-Road	5.2560	56.3230	42.1102	0.0900		2.3706	2.3706		2.1809	2.1809		8,716.5453	8,716.5453	2.8191		8,787.0230
Total	5.2560	56.3230	42.1102	0.0900	12.5764	2.3706	14.9470	5.2149	2.1809	7.3959		8,716.5453	8,716.5453	2.8191		8,787.0230

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	0.2044	0.1225	1.5725	4.8600e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		484.2375	484.2375	0.0112		484.5181
Total	0.2044	0.1225	1.5725	4.8600e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		484.2375	484.2375	0.0112		484.5181

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					5.6594	0.0000	5.6594	2.3467	0.0000	2.3467			0.0000			0.0000
Off-Road	5.2560	56.3230	42.1102	0.0900		2.3706	2.3706		2.1809	2.1809	0.0000	8,716.5453	8,716.5453	2.8191		8,787.0230
Total	5.2560	56.3230	42.1102	0.0900	5.6594	2.3706	8.0300	2.3467	2.1809	4.5277	0.0000	8,716.5453	8,716.5453	2.8191		8,787.0230

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	0.2044	0.1225	1.5725	4.8600e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		484.2375	484.2375	0.0112		484.5181
Total	0.2044	0.1225	1.5725	4.8600e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		484.2375	484.2375	0.0112		484.5181

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	27.3115	249.8606	261.9884	0.4311		12.9461	12.9461		12.1811	12.1811			40,882.9214	40,882.9214	9.7848		41,127.5415
Total	27.3115	249.8606	261.9884	0.4311		12.9461	12.9461		12.1811	12.1811			40,882.9214	40,882.9214	9.7848		41,127.5415

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	1.2230	41.5123	7.7157	0.1118	2.6290	0.1017	2.7307	0.7570	0.0973	0.8543			11,711.0042	11,711.0042	0.6630		11,727.5797
Worker	5.5915	3.3515	43.0081	0.1329	13.9737	0.0824	14.0561	3.7057	0.0759	3.7816			13,243.8964	13,243.8964	0.3070		13,251.5701
Total	6.8145	44.8637	50.7238	0.2447	16.6027	0.1841	16.7868	4.4627	0.1732	4.6359			24,954.9006	24,954.9006	0.9700		24,979.1498

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	27.3115	249.8606	261.9884	0.4311		12.9461	12.9461		12.1811	12.1811	0.0000	40,882.92 14	40,882.92 14	9.7848		41,127.54 15
Total	27.3115	249.8606	261.9884	0.4311		12.9461	12.9461		12.1811	12.1811	0.0000	40,882.92 14	40,882.92 14	9.7848		41,127.54 15

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	1.2230	41.5123	7.7157	0.1118	2.6290	0.1017	2.7307	0.7570	0.0973	0.8543		11,711.00 42	11,711.00 42	0.6630		11,727.57 97
Worker	5.5915	3.3515	43.0081	0.1329	13.9737	0.0824	14.0561	3.7057	0.0759	3.7816		13,243.89 64	13,243.89 64	0.3070		13,251.57 01
Total	6.8145	44.8637	50.7238	0.2447	16.6027	0.1841	16.7868	4.4627	0.1732	4.6359		24,954.90 06	24,954.90 06	0.9700		24,979.14 98

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	25.1747	230.1743	260.0797	0.4313		11.1969	11.1969		10.5366	10.5366		40,896.94 34	40,896.94 34	9.7190		41,139.91 82

Total	25.1747	230.1743	260.0797	0.4313		11.1969	11.1969		10.5366	10.5366		40,896.94	40,896.94	9.7190		41,139.91
												34	34			82

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	0.8692	32.5401	6.5542	0.1091	2.6290	0.0313	2.6603	0.7570	0.0299	0.7870		11,425.88 61	11,425.88 61	0.4630		11,437.46 05
Worker	5.2011	3.0057	39.3161	0.1279	13.9737	0.0800	14.0537	3.7057	0.0737	3.7793		12,750.10 96	12,750.10 96	0.2743		12,756.96 79
Total	6.0703	35.5458	45.8703	0.2370	16.6027	0.1113	16.7140	4.4627	0.1036	4.5663		24,175.99 56	24,175.99 56	0.7373		24,194.42 85

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	25.1747	230.1743	260.0797	0.4313		11.1969	11.1969		10.5366	10.5366	0.0000	40,896.94 34	40,896.94 34	9.7190		41,139.91 82
Total	25.1747	230.1743	260.0797	0.4313		11.1969	11.1969		10.5366	10.5366	0.0000	40,896.94 34	40,896.94 34	9.7190		41,139.91 82

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	0.8692	32.5401	6.5542	0.1091	2.6290	0.0313	2.6603	0.7570	0.0299	0.7870		11,425.88 61	11,425.88 61	0.4630		11,437.46 05
Worker	5.2011	3.0057	39.3161	0.1279	13.9737	0.0800	14.0537	3.7057	0.0737	3.7793		12,750.10 96	12,750.10 96	0.2743		12,756.96 79
Total	6.0703	35.5458	45.8703	0.2370	16.6027	0.1113	16.7140	4.4627	0.1036	4.5663		24,175.99 56	24,175.99 56	0.7373		24,194.42 85

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	lb/day										lb/day					
Off-Road	7.2033	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739		15,397.89 94	15,397.89 94	4.9800		15,522.39 92
Paving	2.3108					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	9.5142	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739		15,397.89 94	15,397.89 94	4.9800		15,522.39 92

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	0.4279	0.2473	3.2344	0.0105	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		1,048.9121	1,048.9121	0.0226		1,049.4763
Total	0.4279	0.2473	3.2344	0.0105	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		1,048.9121	1,048.9121	0.0226		1,049.4763

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	7.2033	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739	0.0000	15,397.8994	15,397.8994	4.9800		15,522.3992
Paving	2.3108					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	9.5142	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739	0.0000	15,397.8994	15,397.8994	4.9800		15,522.3992

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	0.4279	0.2473	3.2344	0.0105	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		1,048.9121	1,048.9121	0.0226		1,049.4763
Total	0.4279	0.2473	3.2344	0.0105	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		1,048.9121	1,048.9121	0.0226		1,049.4763

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	lb/day										lb/day					
Archit. Coating	1,301.8876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3544	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005		1,988.8995	1,988.8995	0.1190		1,991.8743
Total	1,303.2420	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005		1,988.8995	1,988.8995	0.1190		1,991.8743

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	1.0412	0.6017	7.8704	0.0256	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,552.3528	2,552.3528	0.0549		2,553.7258
Total	1.0412	0.6017	7.8704	0.0256	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,552.3528	2,552.3528	0.0549		2,553.7258

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	1,301.8876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3544	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005	0.0000	1,988.8995	1,988.8995	0.1190		1,991.8743
Total	1,303.2420	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005	0.0000	1,988.8995	1,988.8995	0.1190		1,991.8743

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	1.0412	0.6017	7.8704	0.0256	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,552.3528	2,552.3528	0.0549		2,553.7258
Total	1.0412	0.6017	7.8704	0.0256	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,552.3528	2,552.3528	0.0549		2,553.7258

4.0 Operational Detail - Mobile

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	0.0000	0.0000
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	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
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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
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Land Use	kBTU/yr	lb/day										lb/day					
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
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Unmitigated	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Total	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Total	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - Unmitigated Construction Only - San Joaquin County, Winter

**Tracy Alliance Phase 1 (Tracy Alliance Parcels) - Unmitigated Construction Only
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition - CalEEMod Note 5

Grading -

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	200.00	20.00
tblConstructionPhase	NumDays	120.00	50.00
tblConstructionPhase	NumDays	310.00	125.00
tblConstructionPhase	NumDays	3,100.00	110.00
tblConstructionPhase	NumDays	220.00	20.00
tblConstructionPhase	NumDays	220.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	3.17	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	3.62	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	NT24NG	0.47	0.00
tblEnergyUse	T24E	3.22	0.00

tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	15.99	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	32.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	12.00
tblOffRoadEquipment	UsageHours	6.00	5.30
tblOffRoadEquipment	UsageHours	7.00	9.30
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.00
tblOffRoadEquipment	UsageHours	8.00	10.70
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	9.30
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80

tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	7.00	10.50
tblOffRoadEquipment	UsageHours	8.00	5.80
tblOffRoadEquipment	UsageHours	8.00	12.80
tblOffRoadEquipment	UsageHours	8.00	10.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	53.01	0.00
tblSolidWaste	SolidWasteGenerationRate	1,684.95	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	10,130,823.64	0.00
tblWater	IndoorWaterUseRate	414,515,625.00	0.00
tblWater	OutdoorWaterUseRate	6,209,214.49	0.00

2.0 Emissions Summary

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	39.8306	352.1697	351.2308	0.7523	29.6900	15.5084	45.1984	15.9501	14.5423	24.3555	0.0000	73,185.98	73,185.98	13.6322	0.0000	73,526.78
												16	16			71
2023	1,304.3165	266.4803	301.0606	0.6510	16.6027	11.3091	27.9118	4.4627	10.6411	15.1039	0.0000	63,336.72	63,336.72	10.4817	0.0000	63,598.76
												33	33			45

Maximum	1,304.3165	352.1697	351.2308	0.7523	29.6900	15.5084	45.1984	15.9501	14.5423	24.3555	0.0000	73,185.98 16	73,185.98 16	13.6322	0.0000	73,526.78 71
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Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	39.8306	352.1697	351.2308	0.7523	22.7730	15.5084	38.2813	7.2111	14.5423	21.4873	0.0000	73,185.98 15	73,185.98 15	13.6322	0.0000	73,526.78 71
2023	1,304.3165	266.4803	301.0606	0.6510	16.6027	11.3091	27.9118	4.4627	10.6411	15.1039	0.0000	63,336.72 33	63,336.72 33	10.4817	0.0000	63,598.76 45
Maximum	1,304.3165	352.1697	351.2308	0.7523	22.7730	15.5084	38.2813	7.2111	14.5423	21.4873	0.0000	73,185.98 15	73,185.98 15	13.6322	0.0000	73,526.78 71

	ROG	NOx	CO	SO2	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	14.94	0.00	9.46	42.81	0.00	7.27	0.00	0.00	0.00	0.00	0.00	0.00

**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	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
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
Total	0.0341	3.3500e-003	0.3680	3.0000e-005	0.0000	1.3100e-003	1.3100e-003	0.0000	1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003	0.0000	0.8407

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	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003			0.7890	0.7890	2.0700e-003		0.8407
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
Total	0.0341	3.3500e-003	0.3680	3.0000e-005	0.0000	1.3100e-003	1.3100e-003	0.0000	1.3100e-003	1.3100e-003			0.7890	0.7890	2.0700e-003	0.0000	0.8407

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/28/2022	5	20	
2	Site Preparation	Site Preparation	4/29/2022	7/7/2022	5	50	
3	Grading	Grading	7/8/2022	12/29/2022	5	125	
4	Building Construction	Building Construction	9/1/2022	2/1/2023	5	110	
5	Paving	Paving	2/2/2023	3/1/2023	5	20	
6	Architectural Coating	Architectural Coating	3/2/2023	3/29/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 453.13

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,774,250; Non-Residential Outdoor: 924,750; Striped Parking

OffRoad Equipment

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	12.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	12.80	97	0.37
Grading	Excavators	4	5.80	158	0.38
Grading	Graders	2	5.80	187	0.41
Grading	Rubber Tired Dozers	2	5.80	247	0.40
Grading	Scrapers	4	5.80	367	0.48
Grading	Tractors/Loaders/Backhoes	4	5.80	97	0.37
Building Construction	Cranes	12	9.30	231	0.29
Building Construction	Forklifts	32	12.00	89	0.20
Building Construction	Generator Sets	12	10.70	84	0.74
Building Construction	Tractors/Loaders/Backhoes	32	10.50	97	0.37
Building Construction	Welders	12	10.70	46	0.45
Paving	Pavers	12	9.30	130	0.42
Paving	Paving Equipment	12	9.30	132	0.36
Paving	Rollers	12	9.30	80	0.38
Architectural Coating	Air Compressors	8	5.30	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	133.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	16	40.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	100	1,094.00	429.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

Paving	36	90.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	8	219.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4672	0.0000	1.4672	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	3,746.7812	3,746.7812	1.0524			3,773.0920
Total	2.6392	25.7194	20.5941	0.0388	1.4672	1.2427	2.7098	0.2222	1.1553	1.3774		3,746.7812	3,746.7812	1.0524		3,773.0920

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	0.0479	1.5585	0.2786	5.1100e-003	0.1164	4.7500e-003	0.1212	0.0319	4.5500e-003	0.0365		536.8004	536.8004	0.0241		537.4029
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	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003		162.2964

Total	0.1268	1.6144	0.7804	6.7400e-003	0.3080	5.8800e-003	0.3139	0.0827	5.5900e-003	0.0883		699.0040	699.0040	0.0278		699.6993
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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					0.6602	0.0000	0.6602	0.1000	0.0000	0.1000			0.0000				0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524			3,773.0920
Total	2.6392	25.7194	20.5941	0.0388	0.6602	1.2427	1.9029	0.1000	1.1553	1.2552	0.0000	3,746.7812	3,746.7812	1.0524			3,773.0920

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	0.0479	1.5585	0.2786	5.1100e-003	0.1164	4.7500e-003	0.1212	0.0319	4.5500e-003	0.0365		536.8004	536.8004	0.0241			537.4029
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	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003			162.2964
Total	0.1268	1.6144	0.7804	6.7400e-003	0.3080	5.8800e-003	0.3139	0.0827	5.5900e-003	0.0883		699.0040	699.0040	0.0278			699.6993

3.3 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					28.9060	0.0000	28.9060	15.8891	0.0000	15.8891			0.0000			0.0000
Off-Road	5.0722	52.9336	31.5164	0.0609		2.5801	2.5801		2.3737	2.3737		5,897.6990	5,897.6990	1.9074		5,945.3849
Total	5.0722	52.9336	31.5164	0.0609	28.9060	2.5801	31.4861	15.8891	2.3737	18.2628		5,897.6990	5,897.6990	1.9074		5,945.3849

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	0.0947	0.0670	0.6022	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.6444	194.6444	4.4500e-003		194.7557
Total	0.0947	0.0670	0.6022	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.6444	194.6444	4.4500e-003		194.7557

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					13.0077	0.0000	13.0077	7.1501	0.0000	7.1501			0.0000			0.0000
Off-Road	5.0722	52.9336	31.5164	0.0609		2.5801	2.5801		2.3737	2.3737	0.0000	5,897.6990	5,897.6990	1.9074		5,945.3849

Total	5.0722	52.9336	31.5164	0.0609	13.0077	2.5801	15.5878	7.1501	2.3737	9.5238	0.0000	5,897.6990	5,897.6990	1.9074		5,945.3849
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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	0.0947	0.0670	0.6022	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.6444	194.6444	4.4500e-003		194.7557
Total	0.0947	0.0670	0.6022	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.6444	194.6444	4.4500e-003		194.7557

3.4 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					12.5764	0.0000	12.5764	5.2149	0.0000	5.2149			0.0000			0.0000
Off-Road	5.2560	56.3230	42.1102	0.0900		2.3706	2.3706		2.1809	2.1809		8,716.5453	8,716.5453	2.8191		8,787.0230
Total	5.2560	56.3230	42.1102	0.0900	12.5764	2.3706	14.9470	5.2149	2.1809	7.3959		8,716.5453	8,716.5453	2.8191		8,787.0230

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	0.2105	0.1489	1.3381	4.3400e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		432.5431	432.5431	9.8900e-003		432.7904
Total	0.2105	0.1489	1.3381	4.3400e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		432.5431	432.5431	9.8900e-003		432.7904

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					5.6594	0.0000	5.6594	2.3467	0.0000	2.3467			0.0000			0.0000
Off-Road	5.2560	56.3230	42.1102	0.0900		2.3706	2.3706		2.1809	2.1809	0.0000	8,716.5453	8,716.5453	2.8191		8,787.0230
Total	5.2560	56.3230	42.1102	0.0900	5.6594	2.3706	8.0300	2.3467	2.1809	4.5277	0.0000	8,716.5453	8,716.5453	2.8191		8,787.0230

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	0.2105	0.1489	1.3381	4.3400e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		432.5431	432.5431	9.8900e-003		432.7904
Total	0.2105	0.1489	1.3381	4.3400e-003	0.5109	3.0100e-003	0.5139	0.1355	2.7700e-003	0.1383		432.5431	432.5431	9.8900e-003		432.7904

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	27.3115	249.8606	261.9884	0.4311		12.9461	12.9461		12.1811	12.1811		40,882.9214	40,882.9214	9.7848		41,127.5415
Total	27.3115	249.8606	261.9884	0.4311		12.9461	12.9461		12.1811	12.1811		40,882.9214	40,882.9214	9.7848		41,127.5415

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	1.2966	41.7654	9.1960	0.1082	2.6290	0.1063	2.7353	0.7570	0.1017	0.8588		11,323.9182	11,323.9182	0.7479		11,342.6155
Worker	5.7560	4.0718	36.5980	0.1187	13.9737	0.0824	14.0561	3.7057	0.0759	3.7816		11,830.0536	11,830.0536	0.2705		11,836.8167
Total	7.0526	45.8372	45.7941	0.2268	16.6027	0.1887	16.7914	4.4627	0.1776	4.6403		23,153.9718	23,153.9718	1.0184		23,179.4323

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	27.3115	249.8606	261.9884	0.4311		12.9461	12.9461		12.1811	12.1811	0.0000	40,882.92 14	40,882.92 14	9.7848		41,127.54 15
Total	27.3115	249.8606	261.9884	0.4311		12.9461	12.9461		12.1811	12.1811	0.0000	40,882.92 14	40,882.92 14	9.7848		41,127.54 15

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	1.2966	41.7654	9.1960	0.1082	2.6290	0.1063	2.7353	0.7570	0.1017	0.8588		11,323.91 82	11,323.91 82	0.7479		11,342.61 55
Worker	5.7560	4.0718	36.5980	0.1187	13.9737	0.0824	14.0561	3.7057	0.0759	3.7816		11,830.05 36	11,830.05 36	0.2705		11,836.81 67
Total	7.0526	45.8372	45.7941	0.2268	16.6027	0.1887	16.7914	4.4627	0.1776	4.6403		23,153.97 18	23,153.97 18	1.0184		23,179.43 23

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	25.1747	230.1743	260.0797	0.4313		11.1969	11.1969		10.5366	10.5366		40,896.94 34	40,896.94 34	9.7190		41,139.91 82

Total	25.1747	230.1743	260.0797	0.4313		11.1969	11.1969		10.5366	10.5366		40,896.94	40,896.94	9.7190		41,139.91
												34	34			82

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	0.9229	32.6569	7.6553	0.1055	2.6290	0.0323	2.6612	0.7570	0.0308	0.7879		11,050.19	11,050.19	0.5215		11,063.23
Worker	5.3674	3.6492	33.3256	0.1142	13.9737	0.0800	14.0537	3.7057	0.0737	3.7793		11,389.58	11,389.58	0.2412		11,395.61
Total	6.2903	36.3060	40.9809	0.2198	16.6027	0.1122	16.7149	4.4627	0.1045	4.5672		22,439.77	22,439.77	0.7627		22,458.84
												99	99			63

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	25.1747	230.1743	260.0797	0.4313		11.1969	11.1969		10.5366	10.5366	0.0000	40,896.94	40,896.94	9.7190		41,139.91
Total	25.1747	230.1743	260.0797	0.4313		11.1969	11.1969		10.5366	10.5366	0.0000	40,896.94	40,896.94	9.7190		41,139.91
												34	34			82

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	0.9229	32.6569	7.6553	0.1055	2.6290	0.0323	2.6612	0.7570	0.0308	0.7879		11,050.1988	11,050.1988	0.5215		11,063.2350
Worker	5.3674	3.6492	33.3256	0.1142	13.9737	0.0800	14.0537	3.7057	0.0737	3.7793		11,389.5811	11,389.5811	0.2412		11,395.6113
Total	6.2903	36.3060	40.9809	0.2198	16.6027	0.1122	16.7149	4.4627	0.1045	4.5672		22,439.7799	22,439.7799	0.7627		22,458.8463

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	lb/day										lb/day					
Off-Road	7.2033	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739		15,397.8994	15,397.8994	4.9800		15,522.3992
Paving	2.3108					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	9.5142	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739		15,397.8994	15,397.8994	4.9800		15,522.3992

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	0.4416	0.3002	2.7416	9.4000e-003	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		936.9857	936.9857	0.0198		937.4817
Total	0.4416	0.3002	2.7416	9.4000e-003	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		936.9857	936.9857	0.0198		937.4817

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	7.2033	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739	0.0000	15,397.8994	15,397.8994	4.9800		15,522.3992
Paving	2.3108					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	9.5142	71.0868	101.7249	0.1591		3.5586	3.5586		3.2739	3.2739	0.0000	15,397.8994	15,397.8994	4.9800		15,522.3992

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	0.4416	0.3002	2.7416	9.4000e-003	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		936.9857	936.9857	0.0198		937.4817
Total	0.4416	0.3002	2.7416	9.4000e-003	1.1496	6.5800e-003	1.1562	0.3049	6.0600e-003	0.3109		936.9857	936.9857	0.0198		937.4817

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	lb/day										lb/day					
Archit. Coating	1,301.8876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3544	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005		1,988.8995	1,988.8995	0.1190		1,991.8743
Total	1,303.2420	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005		1,988.8995	1,988.8995	0.1190		1,991.8743

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	1.0745	0.7305	6.6712	0.0229	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,279.9984	2,279.9984	0.0483		2,281.2056
Total	1.0745	0.7305	6.6712	0.0229	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,279.9984	2,279.9984	0.0483		2,281.2056

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	1,301.8876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	1.3544	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005	0.0000	1,988.8995	1,988.8995	0.1190		1,991.8743
Total	1,303.2420	9.2078	12.7986	0.0210		0.5005	0.5005		0.5005	0.5005	0.0000	1,988.8995	1,988.8995	0.1190		1,991.8743

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	1.0745	0.7305	6.6712	0.0229	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,279.9984	2,279.9984	0.0483		2,281.2056
Total	1.0745	0.7305	6.6712	0.0229	2.7973	0.0160	2.8133	0.7418	0.0147	0.7566		2,279.9984	2,279.9984	0.0483		2,281.2056

4.0 Operational Detail - Mobile

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	0.0000
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	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
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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
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Land Use	kBTU/yr	lb/day										lb/day					
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
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Unmitigated	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Total	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Total	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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

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

Tracy Alliance - Existing 2023 Operations Only - San Joaquin County, Annual

**Tracy Alliance - Existing 2023 Operations Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	2.00	Dwelling Unit	0.65	3,600.00	6
Unrefrigerated Warehouse-No Rail	25.75	1000sqft	0.59	25,750.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Energy Use -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	2/24/2021	1/28/2021

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblTripsAndVMT	WorkerTripNumber	0.00	13.00
tblWoodstoves	NumberCatalytic	0.65	0.00
tblWoodstoves	NumberNoncatalytic	0.65	0.00

2.0 Emissions Summary

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	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0442	0.0442	0.0000	0.0000	0.0442
Maximum	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0442	0.0442	0.0000	0.0000	0.0442

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	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0442	0.0442	0.0000	0.0000	0.0442

Maximum	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0442	0.0442	0.0000	0.0000	0.0442
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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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-28-2021	4-27-2021	0.0000	0.0000
		Highest	0.0000	0.0000

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	0.1365	9.2000e-004	0.0154	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.8911	0.8911	4.0000e-005	2.0000e-005	0.8969
Energy	1.1300e-003	0.0101	7.4900e-003	6.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	24.0446	24.0446	1.9900e-003	5.7000e-004	24.2652
Mobile	0.0172	0.1090	0.1986	8.6000e-004	0.0680	5.7000e-004	0.0686	0.0182	5.4000e-004	0.0188	0.0000	79.3968	79.3968	3.0800e-003	0.0000	79.4739
Waste						0.0000	0.0000		0.0000	0.0000	5.3508	0.0000	5.3508	0.3162	0.0000	13.2565
Water						0.0000	0.0000		0.0000	0.0000	1.9305	3.1637	5.0942	0.1987	4.7700e-003	11.4843
Total	0.1548	0.1200	0.2215	9.3000e-004	0.0680	1.4900e-003	0.0695	0.0182	1.4600e-003	0.0197	7.2813	107.4963	114.7776	0.5201	5.3600e-003	129.3767

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	0.1365	9.2000e-004	0.0154	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.8911	0.8911	4.0000e-005	2.0000e-005	0.8969
Energy	1.1300e-003	0.0101	7.4900e-003	6.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	24.0446	24.0446	1.9900e-003	5.7000e-004	24.2652
Mobile	0.0172	0.1090	0.1986	8.6000e-004	0.0680	5.7000e-004	0.0686	0.0182	5.4000e-004	0.0188	0.0000	79.3968	79.3968	3.0800e-003	0.0000	79.4739
Waste						0.0000	0.0000		0.0000	0.0000	5.3508	0.0000	5.3508	0.3162	0.0000	13.2565
Water						0.0000	0.0000		0.0000	0.0000	1.9305	3.1637	5.0942	0.1987	4.7700e-003	11.4843
Total	0.1548	0.1200	0.2215	9.3000e-004	0.0680	1.4900e-003	0.0695	0.0182	1.4600e-003	0.0197	7.2813	107.4963	114.7776	0.5201	5.3600e-003	129.3767

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/28/2021	1/28/2021	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37
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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
Demolition	0	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

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

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

Worker	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0442	0.0442	0.0000	0.0000	0.0442
Total	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0442	0.0442	0.0000	0.0000	0.0442

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0442	0.0442	0.0000	0.0000	0.0442
Total	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0442	0.0442	0.0000	0.0000	0.0442

4.0 Operational Detail - Mobile

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	0.0172	0.1090	0.1986	8.6000e-004	0.0680	5.7000e-004	0.0686	0.0182	5.4000e-004	0.0188	0.0000	79.3968	79.3968	3.0800e-003	0.0000	79.4739
Unmitigated	0.0172	0.1090	0.1986	8.6000e-004	0.0680	5.7000e-004	0.0686	0.0182	5.4000e-004	0.0188	0.0000	79.3968	79.3968	3.0800e-003	0.0000	79.4739

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	19.04	19.82	17.24	54,752	54,752
Unrefrigerated Warehouse-No Rail	43.26	43.26	43.26	126,298	126,298
Total	62.30	63.08	60.50	181,050	181,050

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
Single Family Housing	10.80	7.30	7.50	45.60	19.00	35.40	86	11	3
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12.8915	12.8915	1.7800e-003	3.7000e-004	13.0458
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12.8915	12.8915	1.7800e-003	3.7000e-004	13.0458
NaturalGas Mitigated	1.1300e-003	0.0101	7.4900e-003	6.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	11.1531	11.1531	2.1000e-004	2.0000e-004	11.2194
NaturalGas Unmitigated	1.1300e-003	0.0101	7.4900e-003	6.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	11.1531	11.1531	2.1000e-004	2.0000e-004	11.2194

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Single Family Housing	51669.4	2.8000e-004	2.3800e-003	1.0100e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.7573	2.7573	5.0000e-005	5.0000e-005	2.7737
Unrefrigerated Warehouse-No	157333	8.5000e-004	7.7100e-003	6.4800e-003	5.0000e-005		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	8.3959	8.3959	1.6000e-004	1.5000e-004	8.4458
Total		1.1300e-003	0.0101	7.4900e-003	7.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	11.1531	11.1531	2.1000e-004	2.0000e-004	11.2194

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					
Single Family Housing	51669.4	2.8000e-004	2.3800e-003	1.0100e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.7573	2.7573	5.0000e-005	5.0000e-005	2.7737
Unrefrigerated Warehouse-No	157333	8.5000e-004	7.7100e-003	6.4800e-003	5.0000e-005		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	8.3959	8.3959	1.6000e-004	1.5000e-004	8.4458
Total		1.1300e-003	0.0101	7.4900e-003	7.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	11.1531	11.1531	2.1000e-004	2.0000e-004	11.2194

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	16887.6	1.6086	2.2000e-004	5.0000e-005	1.6279
Unrefrigerated Warehouse-No	118450	11.2829	1.5600e-003	3.2000e-004	11.4179
Total		12.8915	1.7800e-003	3.7000e-004	13.0458

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	16887.6	1.6086	2.2000e-004	5.0000e-005	1.6279

Unrefrigerated Warehouse-No	118450	11.2829	1.5600e-003	3.2000e-004	11.4179
Total		12.8915	1.7800e-003	3.7000e-004	13.0458

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1365	9.2000e-004	0.0154	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.8911	0.8911	4.0000e-005	2.0000e-005	0.8969
Unmitigated	0.1365	9.2000e-004	0.0154	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.8911	0.8911	4.0000e-005	2.0000e-005	0.8969

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	0.0213					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1146					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	9.0000e-005	7.5000e-004	3.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8664	0.8664	2.0000e-005	2.0000e-005	0.8716
Landscaping	4.7000e-004	1.7000e-004	0.0151	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0247	0.0247	2.0000e-005	0.0000	0.0253

Total	0.1365	9.2000e-004	0.0154	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.8911	0.8911	4.0000e-005	2.0000e-005	0.8969
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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	0.0213					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1146					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	9.0000e-005	7.5000e-004	3.2000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8664	0.8664	2.0000e-005	2.0000e-005	0.8716	
Landscaping	4.7000e-004	1.7000e-004	0.0151	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0247	0.0247	2.0000e-005	0.0000	0.0253	
Total	0.1365	9.2000e-004	0.0154	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	0.8911	0.8911	4.0000e-005	2.0000e-005	0.8969	

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	5.0942	0.1987	4.7700e-003	11.4843
Unmitigated	5.0942	0.1987	4.7700e-003	11.4843

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	0.130308 / 0.0821507	0.1359	4.2600e-003	1.0000e-004	0.2731
Unrefrigerated Warehouse-No	5.95469 / 0	4.9583	0.1945	4.6700e-003	11.2112
Total		5.0942	0.1987	4.7700e-003	11.4842

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	0.130308 / 0.0821507	0.1359	4.2600e-003	1.0000e-004	0.2731
Unrefrigerated Warehouse-No	5.95469 / 0	4.9583	0.1945	4.6700e-003	11.2112
Total		5.0942	0.1987	4.7700e-003	11.4842

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	5.3508	0.3162	0.0000	13.2565
Unmitigated	5.3508	0.3162	0.0000	13.2565

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	2.16	0.4385	0.0259	0.0000	1.0863
Unrefrigerated Warehouse-No	24.2	4.9124	0.2903	0.0000	12.1702
Total		5.3508	0.3162	0.0000	13.2565

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	2.16	0.4385	0.0259	0.0000	1.0863
Unrefrigerated Warehouse-No	24.2	4.9124	0.2903	0.0000	12.1702
Total		5.3508	0.3162	0.0000	13.2565

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance - Existing 2023 Operations Only - San Joaquin County, Summer

**Tracy Alliance - Existing 2023 Operations Only
San Joaquin County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	2.00	Dwelling Unit	0.65	3,600.00	6
Unrefrigerated Warehouse-No Rail	25.75	1000sqft	0.59	25,750.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Energy Use -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	2/24/2021	1/28/2021

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblTripsAndVMT	WorkerTripNumber	0.00	13.00
tblWoodstoves	NumberCatalytic	0.65	0.00
tblWoodstoves	NumberNoncatalytic	0.65	0.00

2.0 Emissions Summary

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					
2021	0.0531	0.0300	0.3782	1.0600e-003	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290	0.0000	105.9566	105.9566	2.7200e-003	0.0000	106.0246
Maximum	0.0531	0.0300	0.3782	1.0600e-003	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290	0.0000	105.9566	105.9566	2.7200e-003	0.0000	106.0246

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.0531	0.0300	0.3782	1.0600e-003	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290	0.0000	105.9566	105.9566	2.7200e-003	0.0000	106.0246

Maximum	0.0531	0.0300	0.3782	1.0600e-003	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290	0.0000	105.9566	105.9566	2.7200e-003	0.0000	106.0246
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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

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	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428
Energy	6.1800e-003	0.0553	0.0411	3.4000e-004		4.2700e-003	4.2700e-003		4.2700e-003	4.2700e-003		67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660
Mobile	0.1147	0.5937	1.2024	5.1000e-003	0.3910	3.2000e-003	0.3942	0.1045	2.9900e-003	0.1075		517.6484	517.6484	0.0190		518.1239
Total	0.8729	0.6692	1.4189	5.5700e-003	0.3910	9.8700e-003	0.4008	0.1045	9.6600e-003	0.1142	0.0000	608.6109	608.6109	0.0211	1.6700e-003	609.6326

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	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428
Energy	6.1800e-003	0.0553	0.0411	3.4000e-004		4.2700e-003	4.2700e-003		4.2700e-003	4.2700e-003		67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660

Mobile	0.1147	0.5937	1.2024	5.1000e-003	0.3910	3.2000e-003	0.3942	0.1045	2.9900e-003	0.1075		517.6484	517.6484	0.0190		518.1239
Total	0.8729	0.6692	1.4189	5.5700e-003	0.3910	9.8700e-003	0.4008	0.1045	9.6600e-003	0.1142	0.0000	608.6109	608.6109	0.0211	1.6700e-003	609.6326

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/28/2021	1/28/2021	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	0	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
Demolition	0	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0531	0.0300	0.3782	1.0600e-003	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290		105.9566	105.9566	2.7200e-003		106.0246
Total	0.0531	0.0300	0.3782	1.0600e-003	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290		105.9566	105.9566	2.7200e-003		106.0246

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
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Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0531	0.0300	0.3782	1.0600e-003	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290		105.9566	105.9566	2.7200e-003		106.0246
Total	0.0531	0.0300	0.3782	1.0600e-003	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290		105.9566	105.9566	2.7200e-003		106.0246

4.0 Operational Detail - Mobile

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	0.1147	0.5937	1.2024	5.1000e-003	0.3910	3.2000e-003	0.3942	0.1045	2.9900e-003	0.1075		517.6484	517.6484	0.0190		518.1239
Unmitigated	0.1147	0.5937	1.2024	5.1000e-003	0.3910	3.2000e-003	0.3942	0.1045	2.9900e-003	0.1075		517.6484	517.6484	0.0190		518.1239

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	19.04	19.82	17.24	54,752	54,752
Unrefrigerated Warehouse-No Rail	43.26	43.26	43.26	126,298	126,298
Total	62.30	63.08	60.50	181,050	181,050

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	45.60	19.00	35.40	86	11	3
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

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
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Category	lb/day								lb/day					
NaturalGas Mitigated	6.1800e-003	0.0553	0.0411	3.4000e-004	4.2700e-003	4.2700e-003	4.2700e-003	4.2700e-003	67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660	
NaturalGas Unmitigated	6.1800e-003	0.0553	0.0411	3.4000e-004	4.2700e-003	4.2700e-003	4.2700e-003	4.2700e-003	67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660	

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						
Single Family Housing	141.56	1.5300e-003	0.0131	5.5500e-003	8.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003			16.6541	16.6541	3.2000e-004	3.1000e-004	16.7531
Unrefrigerated Warehouse-No	431.048	4.6500e-003	0.0423	0.0355	2.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003			50.7115	50.7115	9.7000e-004	9.3000e-004	51.0129
Total		6.1800e-003	0.0553	0.0411	3.3000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003			67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660

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						
Single Family Housing	0.14156	1.5300e-003	0.0131	5.5500e-003	8.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003			16.6541	16.6541	3.2000e-004	3.1000e-004	16.7531
Unrefrigerated Warehouse-No	0.431048	4.6500e-003	0.0423	0.0355	2.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003			50.7115	50.7115	9.7000e-004	9.3000e-004	51.0129
Total		6.1800e-003	0.0553	0.0411	3.3000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003			67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428
Unmitigated	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428

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	0.1166					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6281					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2.1400e-003	0.0183	7.7600e-003	1.2000e-004		1.4800e-003	1.4800e-003		1.4800e-003	1.4800e-003	0.0000	23.2941	23.2941	4.5000e-004	4.3000e-004	23.4325
Landscaping	5.2200e-003	1.9300e-003	0.1677	1.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004		0.3027	0.3027	3.0000e-004		0.3103
Total	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428

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	0.1166					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6281					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2.1400e-003	0.0183	7.7600e-003	1.2000e-004		1.4800e-003	1.4800e-003		1.4800e-003	1.4800e-003	0.0000	23.2941	23.2941	4.5000e-004	4.3000e-004	23.4325
Landscaping	5.2200e-003	1.9300e-003	0.1677	1.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004		0.3027	0.3027	3.0000e-004		0.3103
Total	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428

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

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

Tracy Alliance - Existing 2023 Operations Only - San Joaquin County, Winter

**Tracy Alliance - Existing 2023 Operations Only
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	2.00	Dwelling Unit	0.65	3,600.00	6
Unrefrigerated Warehouse-No Rail	25.75	1000sqft	0.59	25,750.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Energy Use -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	2/24/2021	1/28/2021

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblTripsAndVMT	WorkerTripNumber	0.00	13.00
tblWoodstoves	NumberCatalytic	0.65	0.00
tblWoodstoves	NumberNoncatalytic	0.65	0.00

2.0 Emissions Summary

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					
2021	0.0517	0.0365	0.3346	9.5000e-004	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290	0.0000	94.7157	94.7157	2.4500e-003	0.0000	94.7769
Maximum	0.0517	0.0365	0.3346	9.5000e-004	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290	0.0000	94.7157	94.7157	2.4500e-003	0.0000	94.7769

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.0517	0.0365	0.3346	9.5000e-004	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290	0.0000	94.7157	94.7157	2.4500e-003	0.0000	94.7769

Maximum	0.0517	0.0365	0.3346	9.5000e-004	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290	0.0000	94.7157	94.7157	2.4500e-003	0.0000	94.7769
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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

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	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428
Energy	6.1800e-003	0.0553	0.0411	3.4000e-004		4.2700e-003	4.2700e-003		4.2700e-003	4.2700e-003		67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660
Mobile	0.0918	0.6158	1.1339	4.6900e-003	0.3910	3.2100e-003	0.3942	0.1045	3.0000e-003	0.1075		476.6809	476.6809	0.0196		477.1698
Total	0.8500	0.6912	1.3504	5.1600e-003	0.3910	9.8800e-003	0.4008	0.1045	9.6700e-003	0.1142	0.0000	567.6434	567.6434	0.0216	1.6700e-003	568.6785

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	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428
Energy	6.1800e-003	0.0553	0.0411	3.4000e-004		4.2700e-003	4.2700e-003		4.2700e-003	4.2700e-003		67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660

Mobile	0.0918	0.6158	1.1339	4.6900e-003	0.3910	3.2100e-003	0.3942	0.1045	3.0000e-003	0.1075		476.6809	476.6809	0.0196		477.1698
Total	0.8500	0.6912	1.3504	5.1600e-003	0.3910	9.8800e-003	0.4008	0.1045	9.6700e-003	0.1142	0.0000	567.6434	567.6434	0.0216	1.6700e-003	568.6785

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/28/2021	1/28/2021	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	0	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
Demolition	0	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0517	0.0365	0.3346	9.5000e-004	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290		94.7157	94.7157	2.4500e-003		94.7769
Total	0.0517	0.0365	0.3346	9.5000e-004	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290		94.7157	94.7157	2.4500e-003		94.7769

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
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Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0517	0.0365	0.3346	9.5000e-004	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290		94.7157	94.7157	2.4500e-003		94.7769
Total	0.0517	0.0365	0.3346	9.5000e-004	0.1068	6.8000e-004	0.1075	0.0283	6.3000e-004	0.0290		94.7157	94.7157	2.4500e-003		94.7769

4.0 Operational Detail - Mobile

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	0.0918	0.6158	1.1339	4.6900e-003	0.3910	3.2100e-003	0.3942	0.1045	3.0000e-003	0.1075		476.6809	476.6809	0.0196		477.1698
Unmitigated	0.0918	0.6158	1.1339	4.6900e-003	0.3910	3.2100e-003	0.3942	0.1045	3.0000e-003	0.1075		476.6809	476.6809	0.0196		477.1698

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	19.04	19.82	17.24	54,752	54,752
Unrefrigerated Warehouse-No Rail	43.26	43.26	43.26	126,298	126,298
Total	62.30	63.08	60.50	181,050	181,050

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	45.60	19.00	35.40	86	11	3
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

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
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Category	lb/day								lb/day					
NaturalGas Mitigated	6.1800e-003	0.0553	0.0411	3.4000e-004	4.2700e-003	4.2700e-003	4.2700e-003	4.2700e-003	67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660	
NaturalGas Unmitigated	6.1800e-003	0.0553	0.0411	3.4000e-004	4.2700e-003	4.2700e-003	4.2700e-003	4.2700e-003	67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660	

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						
Single Family Housing	141.56	1.5300e-003	0.0131	5.5500e-003	8.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003			16.6541	16.6541	3.2000e-004	3.1000e-004	16.7531
Unrefrigerated Warehouse-No	431.048	4.6500e-003	0.0423	0.0355	2.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003			50.7115	50.7115	9.7000e-004	9.3000e-004	51.0129
Total		6.1800e-003	0.0553	0.0411	3.3000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003			67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660

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						
Single Family Housing	0.14156	1.5300e-003	0.0131	5.5500e-003	8.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003			16.6541	16.6541	3.2000e-004	3.1000e-004	16.7531
Unrefrigerated Warehouse-No	0.431048	4.6500e-003	0.0423	0.0355	2.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003			50.7115	50.7115	9.7000e-004	9.3000e-004	51.0129
Total		6.1800e-003	0.0553	0.0411	3.3000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003			67.3656	67.3656	1.2900e-003	1.2400e-003	67.7660

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428
Unmitigated	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428

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	0.1166					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6281					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2.1400e-003	0.0183	7.7600e-003	1.2000e-004		1.4800e-003	1.4800e-003		1.4800e-003	1.4800e-003	0.0000	23.2941	23.2941	4.5000e-004	4.3000e-004	23.4325
Landscaping	5.2200e-003	1.9300e-003	0.1677	1.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004		0.3027	0.3027	3.0000e-004		0.3103
Total	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428

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	0.1166					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6281					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2.1400e-003	0.0183	7.7600e-003	1.2000e-004		1.4800e-003	1.4800e-003		1.4800e-003	1.4800e-003	0.0000	23.2941	23.2941	4.5000e-004	4.3000e-004	23.4325
Landscaping	5.2200e-003	1.9300e-003	0.1677	1.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004		0.3027	0.3027	3.0000e-004		0.3103
Total	0.7521	0.0202	0.1754	1.3000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	23.5969	23.5969	7.5000e-004	4.3000e-004	23.7428

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - BAU 2005 Operations - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - BAU 2005 Operations
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2005
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 6

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConstructionPhase	PhaseEndDate	1/12/2005	4/8/2004
tblFleetMix	HHD	0.05	0.00
tblFleetMix	HHD	0.05	1.00
tblFleetMix	LDA	0.47	0.53
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.07	0.08
tblFleetMix	LDT1	0.07	0.00
tblFleetMix	LDT2	0.16	0.18
tblFleetMix	LDT2	0.16	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MDV	0.18	0.20
tblFleetMix	MDV	0.18	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MH	2.0380e-003	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	836.00
tblVehicleTrips	WD_TR	11.03	0.00

tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	443.75
tblVehicleTrips	WD_TR	0.00	836.00

2.0 Emissions Summary

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					
2004	2.6000e-004	3.4000e-004	2.9300e-003	0.0000	9.0000e-005	0.0000	1.0000e-004	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1018	0.1018	2.0000e-005	0.0000	0.1022
Maximum	2.6000e-004	3.4000e-004	2.9300e-003	0.0000	9.0000e-005	0.0000	1.0000e-004	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1018	0.1018	2.0000e-005	0.0000	0.1022

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					
2004	2.6000e-004	3.4000e-004	2.9300e-003	0.0000	9.0000e-005	0.0000	1.0000e-004	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1018	0.1018	2.0000e-005	0.0000	0.1022
Maximum	2.6000e-004	3.4000e-004	2.9300e-003	0.0000	9.0000e-005	0.0000	1.0000e-004	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1018	0.1018	2.0000e-005	0.0000	0.1022

	ROG	NOx	CO	SO2	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
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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-8-2004	7-7-2004	0.0004	0.0004
		Highest	0.0004	0.0004

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	9.4375	5.0000e-004	0.0422	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0645	0.0645	3.0000e-004	0.0000	0.0720
Energy	0.0800	0.7273	0.6110	4.3600e-003		0.0553	0.0553		0.0553	0.0553	0.0000	3,951.4041	3,951.4041	0.1580	0.0441	3,968.4896
Mobile	10.1218	103.3975	75.6284	0.7803	4.1811	2.8052	6.9862	1.1244	2.6822	3.8066	0.0000	10,801.3594	10,801.3594	1.7163	0.0000	10,844.2669
Waste						0.0000	0.0000		0.0000	0.0000	352.7902	0.0000	352.7902	20.8493	0.0000	874.0227
Water						0.0000	0.0000		0.0000	0.0000	134.7207	674.7675	809.4882	13.8676	0.3330	1,255.4237
Total	19.6393	104.1254	76.2816	0.7847	4.1811	2.8606	7.0417	1.1244	2.7377	3.8620	487.5109	15,427.5954	15,915.1063	36.5916	0.3771	16,942.2749

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	9.4375	5.0000e-004	0.0422	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0645	0.0645	3.0000e-004	0.0000	0.0720
Energy	0.0800	0.7273	0.6110	4.3600e-003		0.0553	0.0553		0.0553	0.0553	0.0000	3,951.4041	3,951.4041	0.1580	0.0441	3,968.4896

Mobile	10.1218	103.3975	75.6284	0.7803	4.1811	2.8052	6.9862	1.1244	2.6822	3.8066	0.0000	10,801.35 94	10,801.35 94	1.7163	0.0000	10,844.26 69
Waste						0.0000	0.0000		0.0000	0.0000	352.7902	0.0000	352.7902	20.8493	0.0000	874.0227
Water						0.0000	0.0000		0.0000	0.0000	134.7207	674.7675	809.4882	13.8676	0.3330	1,255.423 7
Total	19.6393	104.1254	76.2816	0.7847	4.1811	2.8606	7.0417	1.1244	2.7377	3.8620	487.5109	15,427.59 54	15,915.10 63	36.5916	0.3771	16,942.27 49

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/8/2004	4/8/2004	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2004

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.6000e-004	3.4000e-004	2.9300e-003	0.0000	9.0000e-005	0.0000	1.0000e-004	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1018	0.1018	2.0000e-005	0.0000	0.1022
Total	2.6000e-004	3.4000e-004	2.9300e-003	0.0000	9.0000e-005	0.0000	1.0000e-004	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1018	0.1018	2.0000e-005	0.0000	0.1022

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	2.6000e-004	3.4000e-004	2.9300e-003	0.0000	9.0000e-005	0.0000	1.0000e-004	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1018	0.1018	2.0000e-005	0.0000	0.1022
Total	2.6000e-004	3.4000e-004	2.9300e-003	0.0000	9.0000e-005	0.0000	1.0000e-004	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1018	0.1018	2.0000e-005	0.0000	0.1022

4.0 Operational Detail - Mobile

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	10.1218	103.3975	75.6284	0.7803	4.1811	2.8052	6.9862	1.1244	2.6822	3.8066	0.0000	10,801.3594	10,801.3594	1.7163	0.0000	10,844.2669
Unmitigated	10.1218	103.3975	75.6284	0.7803	4.1811	2.8052	6.9862	1.1244	2.6822	3.8066	0.0000	10,801.3594	10,801.3594	1.7163	0.0000	10,844.2669

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	1,775.00	1,775.00	1775.00	7,351,972	7,351,972
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	2,611.00	2,611.00	2,611.00	10,814,647	10,814,647

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Other Non-Asphalt Surfaces	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Parking Lot	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Unrefrigerated Warehouse-No Rail	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038

User Defined Commercial	0.534193	0.076275	0.184573	0.204959	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3,159.6159	3,159.6159	0.1429	0.0296	3,171.9962
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3,159.6159	3,159.6159	0.1429	0.0296	3,171.9962
NaturalGas Mitigated	0.0800	0.7273	0.6110	4.3600e-003		0.0553	0.0553		0.0553	0.0553	0.0000	791.7882	791.7882	0.0152	0.0145	796.4934
NaturalGas Unmitigated	0.0800	0.7273	0.6110	4.3600e-003		0.0553	0.0553		0.0553	0.0553	0.0000	791.7882	791.7882	0.0152	0.0145	796.4934

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	1.14285e+006	6.1600e-003	0.0560	0.0471	3.4000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003	0.0000	60.9868	60.9868	1.1700e-003	1.1200e-003	61.3492
Other Non-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	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	0.0000

Unrefrigerated Warehouse-No	1.36947e+007	0.0738	0.6713	0.5639	4.0300e-003		0.0510	0.0510		0.0510	0.0510	0.0000	730.8013	730.8013	0.0140	0.0134	735.1441
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0800	0.7273	0.6110	4.3700e-003		0.0553	0.0553		0.0553	0.0553	0.0000	791.7882	791.7882	0.0152	0.0145	796.4934

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					
General Office Building	1.14285e+006	6.1600e-003	0.0560	0.0471	3.4000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003	0.0000	60.9868	60.9868	1.1700e-003	1.1200e-003	61.3492
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	1.36947e+007	0.0738	0.6713	0.5639	4.0300e-003		0.0510	0.0510		0.0510	0.0510	0.0000	730.8013	730.8013	0.0140	0.0134	735.1441
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0800	0.7273	0.6110	4.3700e-003		0.0553	0.0553		0.0553	0.0553	0.0000	791.7882	791.7882	0.0152	0.0145	796.4934

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	666900	194.0089	8.7700e-003	1.8200e-003	194.7690

Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	676016	196.6608	8.8900e-003	1.8400e-003	197.4314
Unrefrigerated Warehouse-No	9.51818e+006	2,768.9463	0.1252	0.0259	2,779.7958
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		3,159.6159	0.1429	0.0296	3,171.9962

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	666900	194.0089	8.7700e-003	1.8200e-003	194.7690
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	676016	196.6608	8.8900e-003	1.8400e-003	197.4314
Unrefrigerated Warehouse-No	9.51818e+006	2,768.9463	0.1252	0.0259	2,779.7958
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		3,159.6159	0.1429	0.0296	3,171.9962

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	9.4375	5.0000e-004	0.0422	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0645	0.0645	3.0000e-004	0.0000	0.0720
Unmitigated	9.4375	5.0000e-004	0.0422	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0645	0.0645	3.0000e-004	0.0000	0.0720

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	2.1591					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.2729					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.4600e-003	5.0000e-004	0.0422	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0645	0.0645	3.0000e-004	0.0000	0.0720
Total	9.4375	5.0000e-004	0.0422	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0645	0.0645	3.0000e-004	0.0000	0.0720

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
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SubCategory	tons/yr										MT/yr					
Architectural Coating	2.1591					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	7.2729					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	5.4600e-003	5.0000e-004	0.0422	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0645	0.0645	3.0000e-004	0.0000	0.0720
Total	9.4375	5.0000e-004	0.0422	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	0.0645	0.0645	3.0000e-004	0.0000	0.0720

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	809.4882	13.8676	0.3330	1,255.4237
Unmitigated	809.4882	13.8676	0.3330	1,255.4237

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	10.1308 / 6.20921	25.4834	0.3311	8.0000e-003	36.1463

Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	414.516 / 0	784.0048	13.5365	0.3250	1,219.2774
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		809.4882	13.8676	0.3330	1,255.4237

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	10.1308 / 6.20921	25.4834	0.3311	8.0000e-003	36.1463
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	414.516 / 0	784.0048	13.5365	0.3250	1,219.2774
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		809.4882	13.8676	0.3330	1,255.4237

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	352.7902	20.8493	0.0000	874.0227
Unmitigated	352.7902	20.8493	0.0000	874.0227

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	53.01	10.7606	0.6359	0.0000	26.6588
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	1684.95	342.0296	20.2134	0.0000	847.3639
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		352.7902	20.8493	0.0000	874.0227

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	53.01	10.7606	0.6359	0.0000	26.6588
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	1684.95	342.0296	20.2134	0.0000	847.3639
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		352.7902	20.8493	0.0000	874.0227

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - BAU 2005 Operations - San Joaquin County, Summer

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - BAU 2005 Operations
San Joaquin County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2005
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 6

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConstructionPhase	PhaseEndDate	1/12/2005	4/8/2004
tblFleetMix	HHD	0.05	0.00
tblFleetMix	HHD	0.05	1.00
tblFleetMix	LDA	0.47	0.53
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.07	0.08
tblFleetMix	LDT1	0.07	0.00
tblFleetMix	LDT2	0.16	0.18
tblFleetMix	LDT2	0.16	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MDV	0.18	0.20
tblFleetMix	MDV	0.18	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MH	2.0380e-003	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	836.00
tblVehicleTrips	WD_TR	11.03	0.00

tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	443.75
tblVehicleTrips	WD_TR	0.00	836.00

2.0 Emissions Summary

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					
2004	0.5501	0.6121	6.4857	3.7000e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579	0.0000	241.4852	241.4852	0.0401	0.0000	242.4884
Maximum	0.5501	0.6121	6.4857	3.7000e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579	0.0000	241.4852	241.4852	0.0401	0.0000	242.4884

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2004	0.5501	0.6121	6.4857	3.7000e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579	0.0000	241.4852	241.4852	0.0401	0.0000	242.4884
Maximum	0.5501	0.6121	6.4857	3.7000e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579	0.0000	241.4852	241.4852	0.0401	0.0000	242.4884

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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
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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	lb/day										lb/day					
Area	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820
Energy	0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029		4,782.4496	4,782.4496	0.0917	0.0877	4,810.8693
Mobile	56.7183	552.8619	422.1235	4.3566	23.6588	15.0970	38.7559	6.3464	14.4350	20.7814		67,694.4043	67,694.4043	10.1323		67,947.7119
Total	108.8996	556.8528	425.9404	4.3805	23.6588	15.4017	39.0605	6.3464	14.7397	21.0861		72,477.6440	72,477.6440	10.2276	0.0877	72,759.4632

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	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820
Energy	0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029		4,782.4496	4,782.4496	0.0917	0.0877	4,810.8693
Mobile	56.7183	552.8619	422.1235	4.3566	23.6588	15.0970	38.7559	6.3464	14.4350	20.7814		67,694.4043	67,694.4043	10.1323		67,947.7119
Total	108.8996	556.8528	425.9404	4.3805	23.6588	15.4017	39.0605	6.3464	14.7397	21.0861		72,477.6440	72,477.6440	10.2276	0.0877	72,759.4632

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/8/2004	4/8/2004	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2004

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5501	0.6121	6.4857	3.7000e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579		241.4852	241.4852	0.0401		242.4884
Total	0.5501	0.6121	6.4857	3.7000e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579		241.4852	241.4852	0.0401		242.4884

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.5501	0.6121	6.4857	3.7000e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579		241.4852	241.4852	0.0401		242.4884
Total	0.5501	0.6121	6.4857	3.7000e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579		241.4852	241.4852	0.0401		242.4884

4.0 Operational Detail - Mobile

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	56.7183	552.8619	422.1235	4.3566	23.6588	15.0970	38.7559	6.3464	14.4350	20.7814		67,694.40 43	67,694.40 43	10.1323		67,947.71 19
Unmitigated	56.7183	552.8619	422.1235	4.3566	23.6588	15.0970	38.7559	6.3464	14.4350	20.7814		67,694.40 43	67,694.40 43	10.1323		67,947.71 19

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	2,611.00	2,611.00	2,611.00	10,814,647	10,814,647

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Other Non-Asphalt Surfaces	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Parking Lot	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Unrefrigerated Warehouse-No Rail	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
User Defined Commercial	0.534193	0.076275	0.184573	0.204959	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: Y

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	0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029		4,782.4496	4,782.4496	0.0917	0.0877	4,810.8693
NaturalGas Unmitigated	0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029		4,782.4496	4,782.4496	0.0917	0.0877	4,810.8693

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	3131.1	0.0338	0.3070	0.2579	1.8400e-003		0.0233	0.0233		0.0233	0.0233		368.3642	368.3642	7.0600e-003	6.7500e-003	370.5532
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	37519.7	0.4046	3.6784	3.0899	0.0221		0.2796	0.2796		0.2796	0.2796		4,414.0854	4,414.0854	0.0846	0.0809	4,440.3161
User Defined Commercial	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
User Defined Industrial	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
Total		0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029		4,782.4496	4,782.4496	0.0917	0.0877	4,810.8694

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	lb/day										lb/day						
General Office Building	3.1311	0.0338	0.3070	0.2579	1.8400e-003		0.0233	0.0233		0.0233	0.0233			368.3642	368.3642	7.0600e-003	6.7500e-003	370.5532
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	37.5197	0.4046	3.6784	3.0899	0.0221		0.2796	0.2796		0.2796	0.2796			4,414.0854	4,414.0854	0.0846	0.0809	4,440.3161
User Defined Commercial	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
User Defined Industrial	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
Total		0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029			4,782.4496	4,782.4496	0.0917	0.0877	4,810.8694

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003			0.7901	0.7901	3.6800e-003	0.8820
Unmitigated	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003			0.7901	0.7901	3.6800e-003	0.8820

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	11.8309					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0606	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820
Total	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820

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	11.8309					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0606	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820
Total	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - BAU 2005 Operations - San Joaquin County, Winter

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - BAU 2005 Operations
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2005
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 6

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConstructionPhase	PhaseEndDate	1/12/2005	4/8/2004
tblFleetMix	HHD	0.05	0.00
tblFleetMix	HHD	0.05	1.00
tblFleetMix	LDA	0.47	0.53
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.07	0.08
tblFleetMix	LDT1	0.07	0.00
tblFleetMix	LDT2	0.16	0.18
tblFleetMix	LDT2	0.16	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MDV	0.18	0.20
tblFleetMix	MDV	0.18	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MH	2.0380e-003	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	836.00
tblVehicleTrips	WD_TR	11.03	0.00

tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	443.75
tblVehicleTrips	WD_TR	0.00	836.00

2.0 Emissions Summary

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					
2004	0.5746	0.7541	5.9964	3.3700e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579	0.0000	218.9493	218.9493	0.0376	0.0000	219.8894
Maximum	0.5746	0.7541	5.9964	3.3700e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579	0.0000	218.9493	218.9493	0.0376	0.0000	219.8894

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2004	0.5746	0.7541	5.9964	3.3700e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579	0.0000	218.9493	218.9493	0.0376	0.0000	219.8894
Maximum	0.5746	0.7541	5.9964	3.3700e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579	0.0000	218.9493	218.9493	0.0376	0.0000	219.8894

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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
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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	lb/day										lb/day					
Area	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820
Energy	0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029		4,782.4496	4,782.4496	0.0917	0.0877	4,810.8693
Mobile	57.1754	571.8813	449.0572	4.2222	23.6588	15.8932	39.5521	6.3464	15.1968	21.5432		64,239.5907	64,239.5907	11.0177		64,515.0330
Total	109.3567	575.8723	452.8741	4.2462	23.6588	16.1979	39.8567	6.3464	15.5014	21.8478		69,022.8304	69,022.8304	11.1130	0.0877	69,326.7843

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	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820
Energy	0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029		4,782.4496	4,782.4496	0.0917	0.0877	4,810.8693
Mobile	57.1754	571.8813	449.0572	4.2222	23.6588	15.8932	39.5521	6.3464	15.1968	21.5432		64,239.5907	64,239.5907	11.0177		64,515.0330
Total	109.3567	575.8723	452.8741	4.2462	23.6588	16.1979	39.8567	6.3464	15.5014	21.8478		69,022.8304	69,022.8304	11.1130	0.0877	69,326.7843

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/8/2004	4/8/2004	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2004

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5746	0.7541	5.9964	3.3700e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579		218.9493	218.9493	0.0376		219.8894
Total	0.5746	0.7541	5.9964	3.3700e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579		218.9493	218.9493	0.0376		219.8894

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.5746	0.7541	5.9964	3.3700e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579		218.9493	218.9493	0.0376		219.8894
Total	0.5746	0.7541	5.9964	3.3700e-003	0.1916	7.6200e-003	0.1992	0.0508	7.0700e-003	0.0579		218.9493	218.9493	0.0376		219.8894

4.0 Operational Detail - Mobile

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	57.1754	571.8813	449.0572	4.2222	23.6588	15.8932	39.5521	6.3464	15.1968	21.5432		64,239.5907	64,239.5907	11.0177		64,515.0330
Unmitigated	57.1754	571.8813	449.0572	4.2222	23.6588	15.8932	39.5521	6.3464	15.1968	21.5432		64,239.5907	64,239.5907	11.0177		64,515.0330

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	2,611.00	2,611.00	2,611.00	10,814,647	10,814,647

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Other Non-Asphalt Surfaces	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Parking Lot	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Unrefrigerated Warehouse-No Rail	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
User Defined Commercial	0.534193	0.076275	0.184573	0.204959	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: Y

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	0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029		4,782.4496	4,782.4496	0.0917	0.0877	4,810.8693
NaturalGas Unmitigated	0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029		4,782.4496	4,782.4496	0.0917	0.0877	4,810.8693

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	3131.1	0.0338	0.3070	0.2579	1.8400e-003		0.0233	0.0233		0.0233	0.0233		368.3642	368.3642	7.0600e-003	6.7500e-003	370.5532
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	37519.7	0.4046	3.6784	3.0899	0.0221		0.2796	0.2796		0.2796	0.2796		4,414.0854	4,414.0854	0.0846	0.0809	4,440.3161
User Defined Commercial	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
User Defined Industrial	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
Total		0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029		4,782.4496	4,782.4496	0.0917	0.0877	4,810.8694

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	lb/day										lb/day						
General Office Building	3.1311	0.0338	0.3070	0.2579	1.8400e-003		0.0233	0.0233		0.0233	0.0233			368.3642	368.3642	7.0600e-003	6.7500e-003	370.5532
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	37.5197	0.4046	3.6784	3.0899	0.0221		0.2796	0.2796		0.2796	0.2796			4,414.0854	4,414.0854	0.0846	0.0809	4,440.3161
User Defined Commercial	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
User Defined Industrial	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
Total		0.4384	3.9854	3.3477	0.0239		0.3029	0.3029		0.3029	0.3029			4,782.4496	4,782.4496	0.0917	0.0877	4,810.8694

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003			0.7901	0.7901	3.6800e-003	0.8820
Unmitigated	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003			0.7901	0.7901	3.6800e-003	0.8820

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	11.8309					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0606	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820
Total	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820

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	11.8309					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0606	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820
Total	51.7429	5.5900e-003	0.4692	3.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003		0.7901	0.7901	3.6800e-003		0.8820

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - MITIGATED 2023 Ops (AIR-4) - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - MITIGATED 2023 Ops (AIR-4)
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	210	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Trips and VMT -
- Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7, see mobile emissions model.

Consumer Products - CalEEMod Note 11; AIR-4

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	0.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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)
		Highest		

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	1.3546	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
Energy	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	1,499.8973	1,499.8973	0.1317	0.0364	1,514.0236
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	352.7902	0.0000	352.7902	20.8493	0.0000	874.0227
Water						0.0000	0.0000		0.0000	0.0000	134.7207	220.9420	355.6628	13.8676	0.3330	801.5983
Total	1.4187	0.5832	0.5227	3.5000e-003	0.0000	0.0444	0.0444	0.0000	0.0444	0.0444	487.5109	1,720.9037	2,208.4146	34.8488	0.3694	3,189.7132

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	1.3546	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
Energy	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	1,499.8973	1,499.8973	0.1317	0.0364	1,514.0236
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	352.7902	0.0000	352.7902	20.8493	0.0000	874.0227
Water						0.0000	0.0000		0.0000	0.0000	134.7207	220.9420	355.6628	13.8676	0.3330	801.5983
Total	1.4187	0.5832	0.5227	3.5000e-003	0.0000	0.0444	0.0444	0.0000	0.0444	0.0444	487.5109	1,720.9037	2,208.4146	34.8488	0.3694	3,189.7132

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	3/31/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

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

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
Demolition	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		

Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	865.3805	865.3805	0.1195	0.0247	875.7362
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	865.3805	865.3805	0.1195	0.0247	875.7362

NaturalGas Mitigated	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874
NaturalGas Unmitigated	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	938220	5.0600e-003	0.0460	0.0386	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003	0.0000	50.0670	50.0670	9.6000e-004	9.2000e-004	50.3645
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	1.09522e+007	0.0591	0.5369	0.4510	3.2200e-003		0.0408	0.0408		0.0408	0.0408	0.0000	584.4498	584.4498	0.0112	0.0107	587.9229
Total		0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	938220	5.0600e-003	0.0460	0.0386	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003	0.0000	50.0670	50.0670	9.6000e-004	9.2000e-004	50.3645
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	1.09522e+007	0.0591	0.5369	0.4510	3.2200e-003		0.0408	0.0408		0.0408	0.0408	0.0000	584.4498	584.4498	0.0112	0.0107	587.9229
Total		0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	570570	54.3493	7.5100e-003	1.5500e-003	54.9997
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	268870	25.6111	3.5400e-003	7.3000e-004	25.9175
Unrefrigerated Warehouse-No 06	8.2455e+06	785.4201	0.1085	0.0224	794.8190
Total		865.3805	0.1195	0.0247	875.7362

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	570570	54.3493	7.5100e-003	1.5500e-003	54.9997
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	268870	25.6111	3.5400e-003	7.3000e-004	25.9175
Unrefrigerated Warehouse-No 06	8.2455e+06	785.4201	0.1085	0.0224	794.8190
Total		865.3805	0.1195	0.0247	875.7362

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	1.3546	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
Unmitigated	1.3546	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

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	1.3019					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0497					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0700e-003	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
Total	1.3546	3.0000e-004	0.0331	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

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	1.3019						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	0.0497						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	3.0700e-003	3.0000e-004	0.0331	0.0000			1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686
Total	1.3546	3.0000e-004	0.0331	0.0000			1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0644	0.0644	1.7000e-004	0.0000	0.0686

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	355.6628	13.8676	0.3330	801.5983
Unmitigated	355.6628	13.8676	0.3330	801.5983

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

General Office Building	10.1308 / 6.20921	10.5058	0.3311	8.0000e-003	21.1687
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	414.516 / 0	345.1570	13.5365	0.3250	780.4296
Total		355.6628	13.8676	0.3330	801.5983

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	10.1308 / 6.20921	10.5058	0.3311	8.0000e-003	21.1687
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	414.516 / 0	345.1570	13.5365	0.3250	780.4296
Total		355.6628	13.8676	0.3330	801.5983

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
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	MT/yr			
Mitigated	352.7902	20.8493	0.0000	874.0227
Unmitigated	352.7902	20.8493	0.0000	874.0227

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	53.01	10.7606	0.6359	0.0000	26.6588
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	1684.95	342.0296	20.2134	0.0000	847.3639
Total		352.7902	20.8493	0.0000	874.0227

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	53.01	10.7606	0.6359	0.0000	26.6588
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000

Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	1684.95	342.0296	20.2134	0.0000	847.3639
Total		352.7902	20.8493	0.0000	874.0227

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - MITIGATED 2023 Ops (AIR-4) - San Joaquin County, Summer

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - MITIGATED 2023 Ops (AIR-4)
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Off-road Equipment -

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7, see mobile emissions model.

Consumer Products - CalEEMod Note 11; AIR-4

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	0.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

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	0.0000	0.0000	0.0000	0.0000	0.0000	1.2438	0.0000	0.0000	1.1563	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	1.2438	0.0000	0.0000	1.1563	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	1.2438	0.0000	0.0000	1.1563	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	1.2438	0.0000	0.0000	1.1563	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

**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	7.4398	3.3500e-003	0.3680	3.0000e-005	1.3100e-003	1.3100e-003	1.3100e-003	1.3100e-003	1.3100e-003	1.3100e-003	0.7890	0.7890	0.7890	2.0700e-003		0.8407

Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
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
Total	7.7911	3.1971	3.0508	0.0192	0.0000	0.2440	0.2440	0.0000	0.2440	0.2440		3,833.3096	3,833.3096	0.0755	0.0703	3,856.1360

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	7.4398	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003			0.7890	0.7890	2.0700e-003		0.8407
Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
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
Total	7.7911	3.1971	3.0508	0.0192	0.0000	0.2440	0.2440	0.0000	0.2440	0.2440			3,833.3096	3,833.3096	0.0755	0.0703	3,856.1360

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	3/31/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

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

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
Demolition	0	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

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	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
NaturalGas Unmitigated	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

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
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Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	2570.47	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192		302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	30006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236		3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
Total		0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

Mitigated

Land Use	Natural Gas Use	kBTU/yr	lb/day										lb/day					
			ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
General Office Building		2.57047	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192		302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot		0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No		30.006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236		3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
Total			0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.4398	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Unmitigated	7.4398	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2721					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Total	7.4398	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2721					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Total	7.4398	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - MITIGATED 2023 Ops (AIR-4) - San Joaquin County, Winter

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - MITIGATED 2023 Ops (AIR-4)
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Trips and VMT -
- Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7, see mobile emissions model.

Consumer Products - CalEEMod Note 11; AIR-4

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	0.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

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	0.0000	0.0000	0.0000	0.0000	0.0000	1.2438	0.0000	0.0000	1.1563	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	1.2438	0.0000	0.0000	1.1563	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	1.2438	0.0000	0.0000	1.1563	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	1.2438	0.0000	0.0000	1.1563	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

**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	7.4398	3.3500e-003	0.3680	3.0000e-005	1.3100e-003	1.3100e-003	1.3100e-003	1.3100e-003	1.3100e-003	1.3100e-003	0.7890	0.7890	0.7890	2.0700e-003		0.8407

Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
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
Total	7.7911	3.1971	3.0508	0.0192	0.0000	0.2440	0.2440	0.0000	0.2440	0.2440		3,833.3096	3,833.3096	0.0755	0.0703	3,856.1360

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	7.4398	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003			0.7890	0.7890	2.0700e-003		0.8407
Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
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
Total	7.7911	3.1971	3.0508	0.0192	0.0000	0.2440	0.2440	0.0000	0.2440	0.2440			3,833.3096	3,833.3096	0.0755	0.0703	3,856.1360

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	3/31/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

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

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
Demolition	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767

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	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
NaturalGas Unmitigated	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

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
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Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	2570.47	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192		302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	30006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236		3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
Total		0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

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	lb/day										lb/day					
General Office Building	2.57047	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192		302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	30.006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236		3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
Total		0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.4398	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Unmitigated	7.4398	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2721					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Total	7.4398	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2721					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Landscaping	0.0341	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407
Total	7.4398	3.3500e-003	0.3680	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7890	0.7890	2.0700e-003		0.8407

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 Operations - San Joaquin County, Annual

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 Operations
San Joaquin County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 6

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConstructionPhase	PhaseEndDate	1/5/2023	4/1/2022
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.56	0.63
tblFleetMix	LDA	0.56	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.18	0.21
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	7.6700e-004	0.00
tblFleetMix	MH	7.6700e-004	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	836.00

tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	443.75
tblVehicleTrips	WD_TR	0.00	836.00

2.0 Emissions Summary

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	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757
Maximum	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757

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	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757
Maximum	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757

	ROG	NOx	CO	SO2	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	4-1-2022	6-30-2022	0.0000	0.0000
		Highest	0.0000	0.0000

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	8.5778	3.0000e-004	0.0332	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687
Energy	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	1,499.8973	1,499.8973	0.1317	0.0364	1,514.0236
Mobile	0.8752	19.5598	9.7611	0.0968	4.1813	0.0393	4.2206	1.1245	0.0371	1.1616	0.0000	9,106.6736	9,106.6736	0.3426	0.0000	9,115.2377
Waste						0.0000	0.0000		0.0000	0.0000	352.7902	0.0000	352.7902	20.8493	0.0000	874.0227
Water						0.0000	0.0000		0.0000	0.0000	134.7207	220.9420	355.6628	13.8676	0.3330	801.5983
Total	9.5172	20.1430	10.2839	0.1003	4.1813	0.0838	4.2651	1.1245	0.0815	1.2060	487.5109	10,827.5774	11,315.0883	35.1913	0.3694	12,304.9510

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	8.5778	3.0000e-004	0.0332	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687

Energy	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	1,499.8973	1,499.8973	0.1317	0.0364	1,514.0236
Mobile	0.8752	19.5598	9.7611	0.0968	4.1813	0.0393	4.2206	1.1245	0.0371	1.1616	0.0000	9,106.6736	9,106.6736	0.3426	0.0000	9,115.2377
Waste						0.0000	0.0000		0.0000	0.0000	352.7902	0.0000	352.7902	20.8493	0.0000	874.0227
Water						0.0000	0.0000		0.0000	0.0000	134.7207	220.9420	355.6628	13.8676	0.3330	801.5983
Total	9.5172	20.1430	10.2839	0.1003	4.1813	0.0838	4.2651	1.1245	0.0815	1.2060	487.5109	10,827.5774	11,315.0883	35.1913	0.3694	12,304.9510

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/1/2022	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757
Total	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757
Total	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757

4.0 Operational Detail - Mobile

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	0.8752	19.5598	9.7611	0.0968	4.1813	0.0393	4.2206	1.1245	0.0371	1.1616	0.0000	9,106.6736	9,106.6736	0.3426	0.0000	9,115.2377
Unmitigated	0.8752	19.5598	9.7611	0.0968	4.1813	0.0393	4.2206	1.1245	0.0371	1.1616	0.0000	9,106.6736	9,106.6736	0.3426	0.0000	9,115.2377

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	2,611.00	2,611.00	2,611.00	10,814,647	10,814,647

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

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

General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	865.3805	865.3805	0.1195	0.0247	875.7362
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	865.3805	865.3805	0.1195	0.0247	875.7362
NaturalGas Mitigated	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874
NaturalGas Unmitigated	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					

General Office Building	938220	5.0600e-003	0.0460	0.0386	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003	0.0000	50.0670	50.0670	9.6000e-004	9.2000e-004	50.3645
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	1.09522e+007	0.0591	0.5369	0.4510	3.2200e-003		0.0408	0.0408		0.0408	0.0408	0.0000	584.4498	584.4498	0.0112	0.0107	587.9229
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874

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					
General Office Building	938220	5.0600e-003	0.0460	0.0386	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003	0.0000	50.0670	50.0670	9.6000e-004	9.2000e-004	50.3645
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	1.09522e+007	0.0591	0.5369	0.4510	3.2200e-003		0.0408	0.0408		0.0408	0.0408	0.0000	584.4498	584.4498	0.0112	0.0107	587.9229
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	570570	54.3493	7.5100e-003	1.5500e-003	54.9997
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	268870	25.6111	3.5400e-003	7.3000e-004	25.9175
Unrefrigerated Warehouse-No 06	8.2455e+006	785.4201	0.1085	0.0224	794.8190
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		865.3805	0.1195	0.0247	875.7362

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	570570	54.3493	7.5100e-003	1.5500e-003	54.9997
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	268870	25.6111	3.5400e-003	7.3000e-004	25.9175
Unrefrigerated Warehouse-No 06	8.2455e+006	785.4201	0.1085	0.0224	794.8190
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		865.3805	0.1195	0.0247	875.7362

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	8.5778	3.0000e-004	0.0332	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687
Unmitigated	8.5778	3.0000e-004	0.0332	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687

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	1.3019					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.2729					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0700e-003	3.0000e-004	0.0332	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687
Total	8.5778	3.0000e-004	0.0332	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687

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	1.3019						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	7.2729						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	3.0700e-003	3.0000e-004	0.0332	0.0000			1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687
Total	8.5778	3.0000e-004	0.0332	0.0000			1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	355.6628	13.8676	0.3330	801.5983
Unmitigated	355.6628	13.8676	0.3330	801.5983

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

General Office Building	10.1308 / 6.20921	10.5058	0.3311	8.0000e-003	21.1687
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	414.516 / 0	345.1570	13.5365	0.3250	780.4296
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		355.6628	13.8676	0.3330	801.5983

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	10.1308 / 6.20921	10.5058	0.3311	8.0000e-003	21.1687
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	414.516 / 0	345.1570	13.5365	0.3250	780.4296
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		355.6628	13.8676	0.3330	801.5983

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	352.7902	20.8493	0.0000	874.0227
Unmitigated	352.7902	20.8493	0.0000	874.0227

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	53.01	10.7606	0.6359	0.0000	26.6588
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	1684.95	342.0296	20.2134	0.0000	847.3639
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		352.7902	20.8493	0.0000	874.0227

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	53.01	10.7606	0.6359	0.0000	26.6588
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	1684.95	342.0296	20.2134	0.0000	847.3639
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		352.7902	20.8493	0.0000	874.0227

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 Operations - San Joaquin County, Summer

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 Operations
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 6

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConstructionPhase	PhaseEndDate	1/5/2023	4/1/2022
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.56	0.63
tblFleetMix	LDA	0.56	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.18	0.21
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	7.6700e-004	0.00
tblFleetMix	MH	7.6700e-004	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	836.00

tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	443.75
tblVehicleTrips	WD_TR	0.00	836.00

2.0 Emissions Summary

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	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	181.5891	181.5891	4.2100e-003	0.0000	181.6943
Maximum	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	181.5891	181.5891	4.2100e-003	0.0000	181.6943

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	181.5891	181.5891	4.2100e-003	0.0000	181.6943
Maximum	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	181.5891	181.5891	4.2100e-003	0.0000	181.6943

	ROG	NOx	CO	SO2	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

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	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419
Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
Mobile	5.3111	106.3997	57.6885	0.5502	23.6603	0.2149	23.8751	6.3468	0.2026	6.5494		56,999.7083	56,999.7083	2.0112		57,049.9875
Total	52.6816	109.5969	60.7398	0.5693	23.6603	0.4589	24.1192	6.3468	0.4466	6.7934		60,833.0189	60,833.0189	2.0867	0.0703	60,906.1247

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	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419
Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
Mobile	5.3111	106.3997	57.6885	0.5502	23.6603	0.2149	23.8751	6.3468	0.2026	6.5494		56,999.7083	56,999.7083	2.0112		57,049.9875
Total	52.6816	109.5969	60.7398	0.5693	23.6603	0.4589	24.1192	6.3468	0.4466	6.7934		60,833.0189	60,833.0189	2.0867	0.0703	60,906.1247

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/1/2022	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943
Total	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943
Total	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943

4.0 Operational Detail - Mobile

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	5.3111	106.3997	57.6885	0.5502	23.6603	0.2149	23.8751	6.3468	0.2026	6.5494		56,999.7083	56,999.7083	2.0112		57,049.9875
Unmitigated	5.3111	106.3997	57.6885	0.5502	23.6603	0.2149	23.8751	6.3468	0.2026	6.5494		56,999.7083	56,999.7083	2.0112		57,049.9875

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	2,611.00	2,611.00	2,611.00	10,814,647	10,814,647

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
NaturalGas Unmitigated	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	lb/day										lb/day						
General Office Building	2570.47	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192			302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	30006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236			3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
User Defined Commercial	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
User Defined Industrial	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
Total		0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

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	lb/day										lb/day						
General Office Building	2.57047	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192			302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	30.006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236			3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
User Defined Commercial	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
User Defined Industrial	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
Total		0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003			0.7901	0.7901	2.0700e-003	0.8419
Unmitigated	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003			0.7901	0.7901	2.0700e-003	0.8419

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419
Total	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419
Total	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 Operations - San Joaquin County, Winter

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 Operations San Joaquin County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 6

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConstructionPhase	PhaseEndDate	1/5/2023	4/1/2022
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.56	0.63
tblFleetMix	LDA	0.56	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.18	0.21
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	7.6700e-004	0.00
tblFleetMix	MH	7.6700e-004	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	836.00

tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	443.75
tblVehicleTrips	WD_TR	0.00	836.00

2.0 Emissions Summary

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	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	162.2037	162.2037	3.7100e-003	0.0000	162.2964
Maximum	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	162.2037	162.2037	3.7100e-003	0.0000	162.2964

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	162.2037	162.2037	3.7100e-003	0.0000	162.2964
Maximum	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	162.2037	162.2037	3.7100e-003	0.0000	162.2964

	ROG	NOx	CO	SO2	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

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	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419
Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
Mobile	4.7357	107.3885	54.8705	0.5210	23.6603	0.2184	23.8786	6.3468	0.2059	6.5528		54,025.2461	54,025.2461	2.1945		54,080.1088
Total	52.1062	110.5856	57.9218	0.5402	23.6603	0.4624	24.1227	6.3468	0.4500	6.7968		57,858.5567	57,858.5567	2.2700	0.0703	57,936.2460

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	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419
Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
Mobile	4.7357	107.3885	54.8705	0.5210	23.6603	0.2184	23.8786	6.3468	0.2059	6.5528		54,025.2461	54,025.2461	2.1945		54,080.1088
Total	52.1062	110.5856	57.9218	0.5402	23.6603	0.4624	24.1227	6.3468	0.4500	6.7968		57,858.5567	57,858.5567	2.2700	0.0703	57,936.2460

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/1/2022	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003		162.2964
Total	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003		162.2964

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003		162.2964
Total	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003		162.2964

4.0 Operational Detail - Mobile

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	4.7357	107.3885	54.8705	0.5210	23.6603	0.2184	23.8786	6.3468	0.2059	6.5528		54,025.2461	54,025.2461	2.1945		54,080.1088
Unmitigated	4.7357	107.3885	54.8705	0.5210	23.6603	0.2184	23.8786	6.3468	0.2059	6.5528		54,025.2461	54,025.2461	2.1945		54,080.1088

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	2,611.00	2,611.00	2,611.00	10,814,647	10,814,647

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Other Non-Asphalt Surfaces	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Parking Lot	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
Unrefrigerated Warehouse-No Rail	0.561380	0.034626	0.184829	0.116141	0.016642	0.004535	0.016185	0.056706	0.001192	0.001407	0.004983	0.000606	0.000767
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
NaturalGas Unmitigated	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	lb/day										lb/day						
General Office Building	2570.47	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192			302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	30006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236			3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
User Defined Commercial	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
User Defined Industrial	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
Total		0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

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	lb/day										lb/day						
General Office Building	2.57047	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192			302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	30.006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236			3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
User Defined Commercial	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
User Defined Industrial	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
Total		0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003			0.7901	0.7901	2.0700e-003	0.8419
Unmitigated	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003			0.7901	0.7901	2.0700e-003	0.8419

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419
Total	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0341	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419
Total	47.0192	3.3500e-003	0.3685	3.0000e-005		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003		0.7901	0.7901	2.0700e-003		0.8419

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2030 Operations - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2030 Operations
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	184	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 8

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 6

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConstructionPhase	PhaseEndDate	1/5/2023	4/1/2022
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.58	0.64
tblFleetMix	LDA	0.58	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MDV	0.10	0.11
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MH	5.5100e-004	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	184
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	836.00

tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	443.75
tblVehicleTrips	WD_TR	0.00	836.00

2.0 Emissions Summary

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	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757
Maximum	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757

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	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757
Maximum	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757

	ROG	NOx	CO	SO2	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	4-1-2022	6-30-2022	0.0000	0.0000
		Highest	0.0000	0.0000

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	8.5778	3.0000e-004	0.0330	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687
Energy	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	1,392.7549	1,392.7549	0.1317	0.0364	1,406.8812
Mobile	0.6881	17.5450	7.1911	0.0881	4.1814	0.0332	4.2146	1.1245	0.0313	1.1558	0.0000	8,305.5934	8,305.5934	0.2968	0.0000	8,313.0142
Waste						0.0000	0.0000		0.0000	0.0000	352.7902	0.0000	352.7902	20.8493	0.0000	874.0227
Water						0.0000	0.0000		0.0000	0.0000	134.7207	193.5873	328.3080	13.8676	0.3330	774.2435
Total	9.3300	18.1281	7.7137	0.0916	4.1814	0.0776	4.2590	1.1245	0.0757	1.2002	487.5109	9,892.0001	10,379.5110	35.1456	0.3694	11,368.2304

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	8.5778	3.0000e-004	0.0330	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687

Energy	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	1,392.7549	1,392.7549	0.1317	0.0364	1,406.8812
Mobile	0.6881	17.5450	7.1911	0.0881	4.1814	0.0332	4.2146	1.1245	0.0313	1.1558	0.0000	8,305.5934	8,305.5934	0.2968	0.0000	8,313.0142
Waste						0.0000	0.0000		0.0000	0.0000	352.7902	0.0000	352.7902	20.8493	0.0000	874.0227
Water						0.0000	0.0000		0.0000	0.0000	134.7207	193.5873	328.3080	13.8676	0.3330	774.2435
Total	9.3300	18.1281	7.7137	0.0916	4.1814	0.0776	4.2590	1.1245	0.0757	1.2002	487.5109	9,892.0001	10,379.5110	35.1456	0.3694	11,368.2304

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/1/2022	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757
Total	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757
Total	4.0000e-005	3.0000e-005	2.6000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.0757	0.0757	0.0000	0.0000	0.0757

4.0 Operational Detail - Mobile

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	0.6881	17.5450	7.1911	0.0881	4.1814	0.0332	4.2146	1.1245	0.0313	1.1558	0.0000	8,305.5934	8,305.5934	0.2968	0.0000	8,313.0142
Unmitigated	0.6881	17.5450	7.1911	0.0881	4.1814	0.0332	4.2146	1.1245	0.0313	1.1558	0.0000	8,305.5934	8,305.5934	0.2968	0.0000	8,313.0142

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	2,611.00	2,611.00	2,611.00	10,814,647	10,814,647

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

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

General Office Building	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Other Non-Asphalt Surfaces	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Parking Lot	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Unrefrigerated Warehouse-No Rail	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
User Defined Commercial	0.642287	0.035684	0.210955	0.111074	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	758.2381	758.2381	0.1195	0.0247	768.5939
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	758.2381	758.2381	0.1195	0.0247	768.5939
NaturalGas Mitigated	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874
NaturalGas Unmitigated	0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					

General Office Building	938220	5.0600e-003	0.0460	0.0386	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003	0.0000	50.0670	50.0670	9.6000e-004	9.2000e-004	50.3645
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	1.09522e+007	0.0591	0.5369	0.4510	3.2200e-003		0.0408	0.0408		0.0408	0.0408	0.0000	584.4498	584.4498	0.0112	0.0107	587.9229
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874

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					
General Office Building	938220	5.0600e-003	0.0460	0.0386	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003	0.0000	50.0670	50.0670	9.6000e-004	9.2000e-004	50.3645
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	1.09522e+007	0.0591	0.5369	0.4510	3.2200e-003		0.0408	0.0408		0.0408	0.0408	0.0000	584.4498	584.4498	0.0112	0.0107	587.9229
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0641	0.5829	0.4896	3.5000e-003		0.0443	0.0443		0.0443	0.0443	0.0000	634.5168	634.5168	0.0122	0.0116	638.2874

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	570570	47.6203	7.5100e-003	1.5500e-003	48.2707
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	268870	22.4402	3.5400e-003	7.3000e-004	22.7466
Unrefrigerated Warehouse-No 06	8.2455e+006	688.1776	0.1085	0.0224	697.5765
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		758.2381	0.1195	0.0247	768.5939

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	570570	47.6203	7.5100e-003	1.5500e-003	48.2707
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	268870	22.4402	3.5400e-003	7.3000e-004	22.7466
Unrefrigerated Warehouse-No 06	8.2455e+006	688.1776	0.1085	0.0224	697.5765
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		758.2381	0.1195	0.0247	768.5939

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	8.5778	3.0000e-004	0.0330	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687
Unmitigated	8.5778	3.0000e-004	0.0330	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687

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	1.3019					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.2729					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0200e-003	3.0000e-004	0.0330	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687
Total	8.5778	3.0000e-004	0.0330	0.0000		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687

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	1.3019						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	7.2729						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	3.0200e-003	3.0000e-004	0.0330	0.0000			1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687
Total	8.5778	3.0000e-004	0.0330	0.0000			1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	0.0645	0.0645	1.7000e-004	0.0000	0.0687

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	328.3080	13.8676	0.3330	774.2435
Unmitigated	328.3080	13.8676	0.3330	774.2435

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

General Office Building	10.1308 / 6.20921	9.6030	0.3311	8.0000e-003	20.2659
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	414.516 / 0	318.7050	13.5365	0.3250	753.9776
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		328.3080	13.8676	0.3330	774.2435

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	10.1308 / 6.20921	9.6030	0.3311	8.0000e-003	20.2659
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	414.516 / 0	318.7050	13.5365	0.3250	753.9776
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		328.3080	13.8676	0.3330	774.2435

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	352.7902	20.8493	0.0000	874.0227
Unmitigated	352.7902	20.8493	0.0000	874.0227

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	53.01	10.7606	0.6359	0.0000	26.6588
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	1684.95	342.0296	20.2134	0.0000	847.3639
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		352.7902	20.8493	0.0000	874.0227

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	53.01	10.7606	0.6359	0.0000	26.6588
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	1684.95	342.0296	20.2134	0.0000	847.3639
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		352.7902	20.8493	0.0000	874.0227

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2030 Operations - San Joaquin County, Summer

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2030 Operations San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	184	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 8

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 6

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConstructionPhase	PhaseEndDate	1/5/2023	4/1/2022
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.58	0.64
tblFleetMix	LDA	0.58	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MDV	0.10	0.11
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MH	5.5100e-004	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	184
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	836.00

tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	443.75
tblVehicleTrips	WD_TR	0.00	836.00

2.0 Emissions Summary

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	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	181.5891	181.5891	4.2100e-003	0.0000	181.6943
Maximum	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	181.5891	181.5891	4.2100e-003	0.0000	181.6943

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	181.5891	181.5891	4.2100e-003	0.0000	181.6943
Maximum	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	181.5891	181.5891	4.2100e-003	0.0000	181.6943

	ROG	NOx	CO	SO2	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

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	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003		0.7901	0.7901	2.0400e-003		0.8410
Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
Mobile	4.1063	95.7033	42.0277	0.4990	23.6608	0.1816	23.8423	6.3470	0.1715	6.5185		51,817.2425	51,817.2425	1.7293		51,860.4752
Total	51.4762	98.9004	45.0772	0.5182	23.6608	0.4256	24.0864	6.3470	0.4155	6.7625		55,650.5531	55,650.5531	1.8048	0.0703	55,716.6115

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	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003		0.7901	0.7901	2.0400e-003		0.8410
Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
Mobile	4.1063	95.7033	42.0277	0.4990	23.6608	0.1816	23.8423	6.3470	0.1715	6.5185		51,817.2425	51,817.2425	1.7293		51,860.4752
Total	51.4762	98.9004	45.0772	0.5182	23.6608	0.4256	24.0864	6.3470	0.4155	6.7625		55,650.5531	55,650.5531	1.8048	0.0703	55,716.6115

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/1/2022	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943
Total	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943
Total	0.0767	0.0460	0.5897	1.8200e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		181.5891	181.5891	4.2100e-003		181.6943

4.0 Operational Detail - Mobile

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	4.1063	95.7033	42.0277	0.4990	23.6608	0.1816	23.8423	6.3470	0.1715	6.5185		51,817.2425	51,817.2425	1.7293		51,860.4752
Unmitigated	4.1063	95.7033	42.0277	0.4990	23.6608	0.1816	23.8423	6.3470	0.1715	6.5185		51,817.2425	51,817.2425	1.7293		51,860.4752

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	2,611.00	2,611.00	2,611.00	10,814,647	10,814,647

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Other Non-Asphalt Surfaces	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Parking Lot	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Unrefrigerated Warehouse-No Rail	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
User Defined Commercial	0.642287	0.035684	0.210955	0.111074	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
NaturalGas Unmitigated	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	lb/day										lb/day						
General Office Building	2570.47	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192			302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	30006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236			3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
User Defined Commercial	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
User Defined Industrial	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
Total		0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

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	lb/day										lb/day						
General Office Building	2.57047	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192			302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	30.006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236			3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
User Defined Commercial	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
User Defined Industrial	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
Total		0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003			0.7901	0.7901	2.0400e-003	0.8410
Unmitigated	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003			0.7901	0.7901	2.0400e-003	0.8410

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0336	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003		0.7901	0.7901	2.0400e-003		0.8410
Total	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003		0.7901	0.7901	2.0400e-003		0.8410

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0336	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003		0.7901	0.7901	2.0400e-003		0.8410
Total	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003		0.7901	0.7901	2.0400e-003		0.8410

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2030 Operations - San Joaquin County, Winter

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2030 Operations
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.00	1000sqft	1.31	57,000.00	0
Unrefrigerated Warehouse-No Rail	1,792.50	1000sqft	41.15	1,792,500.00	0
Other Non-Asphalt Surfaces	49.65	Acre	49.65	0.00	0
Parking Lot	1,706.00	Space	17.64	768,200.00	0
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	184	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 8

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 6

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	200.00	1.00
tblConstructionPhase	PhaseEndDate	1/5/2023	4/1/2022
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.58	0.64
tblFleetMix	LDA	0.58	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MDV	0.10	0.11
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MH	5.5100e-004	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblLandUse	LandUseSquareFeet	2,162,754.00	0.00
tblLandUse	LandUseSquareFeet	682,400.00	768,200.00
tblLandUse	LotAcreage	15.35	17.64
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	184
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	0.00	15.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	836.00

tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	443.75
tblVehicleTrips	WD_TR	0.00	836.00

2.0 Emissions Summary

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	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	162.2037	162.2037	3.7100e-003	0.0000	162.2964
Maximum	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	162.2037	162.2037	3.7100e-003	0.0000	162.2964

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	162.2037	162.2037	3.7100e-003	0.0000	162.2964
Maximum	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519	0.0000	162.2037	162.2037	3.7100e-003	0.0000	162.2964

	ROG	NOx	CO	SO2	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

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	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003		0.7901	0.7901	2.0400e-003		0.8410
Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
Mobile	3.7365	96.1337	40.5276	0.4747	23.6608	0.1834	23.8442	6.3470	0.1733	6.5203		49,324.8160	49,324.8160	1.9107		49,372.5823
Total	51.1064	99.3307	43.5771	0.4939	23.6608	0.4275	24.0882	6.3470	0.4173	6.7643		53,158.1267	53,158.1267	1.9862	0.0703	53,228.7186

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	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003		0.7901	0.7901	2.0400e-003		0.8410
Energy	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427		3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
Mobile	3.7365	96.1337	40.5276	0.4747	23.6608	0.1834	23.8442	6.3470	0.1733	6.5203		49,324.8160	49,324.8160	1.9107		49,372.5823
Total	51.1064	99.3307	43.5771	0.4939	23.6608	0.4275	24.0882	6.3470	0.4173	6.7643		53,158.1267	53,158.1267	1.9862	0.0703	53,228.7186

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/1/2022	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 67.29

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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
Demolition	0	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003		162.2964
Total	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003		162.2964

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003		162.2964
Total	0.0789	0.0558	0.5018	1.6300e-003	0.1916	1.1300e-003	0.1927	0.0508	1.0400e-003	0.0519		162.2037	162.2037	3.7100e-003		162.2964

4.0 Operational Detail - Mobile

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	3.7365	96.1337	40.5276	0.4747	23.6608	0.1834	23.8442	6.3470	0.1733	6.5203		49,324.8160	49,324.8160	1.9107		49,372.5823
Unmitigated	3.7365	96.1337	40.5276	0.4747	23.6608	0.1834	23.8442	6.3470	0.1733	6.5203		49,324.8160	49,324.8160	1.9107		49,372.5823

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	2,611.00	2,611.00	2,611.00	10,814,647	10,814,647

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Other Non-Asphalt Surfaces	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Parking Lot	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Unrefrigerated Warehouse-No Rail	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
User Defined Commercial	0.642287	0.035684	0.210955	0.111074	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953
NaturalGas Unmitigated	0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	lb/day										lb/day						
General Office Building	2570.47	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192			302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	30006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236			3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
User Defined Commercial	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
User Defined Industrial	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
Total		0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

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	lb/day										lb/day						
General Office Building	2.57047	0.0277	0.2520	0.2117	1.5100e-003		0.0192	0.0192		0.0192	0.0192			302.4077	302.4077	5.8000e-003	5.5400e-003	304.2048
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	30.006	0.3236	2.9418	2.4711	0.0177		0.2236	0.2236		0.2236	0.2236			3,530.1128	3,530.1128	0.0677	0.0647	3,551.0905
User Defined Commercial	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
User Defined Industrial	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
Total		0.3513	3.1938	2.6828	0.0192		0.2427	0.2427		0.2427	0.2427			3,832.5206	3,832.5206	0.0735	0.0703	3,855.2953

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003			0.7901	0.7901	2.0400e-003	0.8410
Unmitigated	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003			0.7901	0.7901	2.0400e-003	0.8410

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0336	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003			0.7901	0.7901	2.0400e-003	0.8410
Total	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003			0.7901	0.7901	2.0400e-003	0.8410

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	7.1336					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	39.8514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0336	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003			0.7901	0.7901	2.0400e-003	0.8410
Total	47.0186	3.3000e-003	0.3668	3.0000e-005		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003			0.7901	0.7901	2.0400e-003	0.8410

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - 2023 PASSENGER VEH ONSITE PM10 - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - 2023 PASSENGER VEH ONSITE PM10
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Passenger vehicles only
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Passenger vehicles - on-site exhaust emissions only, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Architectural Coating -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.56	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.18	0.21
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MH	7.6700e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblVehicleTrips	CC_TL	7.30	0.40
tblVehicleTrips	CNW_TL	7.30	0.40
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	0.40
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00

tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	443.75
tblVehicleTrips	WD_TR	0.00	443.75

2.0 Emissions Summary

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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
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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
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	0.2825	0.1002	1.3167	1.3400e-003	0.0952	2.1500e-003	0.0973	0.0253	1.9800e-003	0.0273	0.0000	120.0391	120.0391	6.3400e-003	0.0000	120.1976
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
Total	0.2825	0.1002	1.3167	1.3400e-003	0.0952	2.1500e-003	0.0973	0.0253	1.9800e-003	0.0273	0.0000	120.0392	120.0392	6.3400e-003	0.0000	120.1977

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	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
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	0.2825	0.1002	1.3167	1.3400e-003	0.0952	2.1500e-003	0.0973	0.0253	1.9800e-003	0.0273	0.0000	120.0391	120.0391	6.3400e-003	0.0000	120.1976

Waste						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
Total	0.2825	0.1002	1.3167	1.3400e-003	0.0952	2.1500e-003	0.0973	0.0253	1.9800e-003	0.0273	0.0000	120.0392	120.0392	6.3400e-003	0.0000	120.1977

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	3/31/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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
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Category	tons/yr										MT/yr					
Mitigated	0.2825	0.1002	1.3167	1.3400e-003	0.0952	2.1500e-003	0.0973	0.0253	1.9800e-003	0.0273	0.0000	120.0391	120.0391	6.3400e-003	0.0000	120.1976
Unmitigated	0.2825	0.1002	1.3167	1.3400e-003	0.0952	2.1500e-003	0.0973	0.0253	1.9800e-003	0.0273	0.0000	120.0391	120.0391	6.3400e-003	0.0000	120.1976

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	1,775.00	1,775.00	1775.00	258,440	258,440
Total	1,775.00	1,775.00	1,775.00	258,440	258,440

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	0.40	0.40	0.40	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					

Electricity Mitigated						0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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

Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Unmitigated	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Total	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005

Total	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
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7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
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Land Use	tons	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - 2023 TRUCKS ONSITE PM10 - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - 2023 TRUCKS ONSITE PM10
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -
 Land Use - Trucks only
 Construction Phase - Trucks only
 Off-road Equipment - CalEEMod Note 4
 Off-road Equipment -
 Trips and VMT -
 Demolition -
 Grading -
 Vehicle Trips - Trucks - onsite trucks only, 100% primary
 Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.56	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	7.6700e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblVehicleTrips	CC_TL	7.30	0.40
tblVehicleTrips	CNW_TL	7.30	0.40
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	0.40
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	0.00	836.00

tblVehicleTrips	WD_TR	0.00	836.00
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2.0 Emissions Summary

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	3.7000e-004	3.2200e-003	3.8500e-003	1.0000e-005	4.0000e-005	1.7000e-004	2.1000e-004	1.0000e-005	1.6000e-004	1.7000e-004	0.0000	0.5535	0.5535	1.0000e-004	0.0000	0.5559
Maximum	3.7000e-004	3.2200e-003	3.8500e-003	1.0000e-005	4.0000e-005	1.7000e-004	2.1000e-004	1.0000e-005	1.6000e-004	1.7000e-004	0.0000	0.5535	0.5535	1.0000e-004	0.0000	0.5559

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	3.7000e-004	3.2200e-003	3.8500e-003	1.0000e-005	4.0000e-005	1.7000e-004	2.1000e-004	1.0000e-005	1.6000e-004	1.7000e-004	0.0000	0.5535	0.5535	1.0000e-004	0.0000	0.5559
Maximum	3.7000e-004	3.2200e-003	3.8500e-003	1.0000e-005	4.0000e-005	1.7000e-004	2.1000e-004	1.0000e-005	1.6000e-004	1.7000e-004	0.0000	0.5535	0.5535	1.0000e-004	0.0000	0.5559

	ROG	NOx	CO	SO2	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)
		Highest		

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.1883	12.2871	1.1798	0.0193	0.0518	2.5100e-003	0.0543	0.0142	2.4100e-003	0.0166	0.0000	1,841.9878	1,841.9878	0.2619	0.0000	1,848.5344
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
Total	0.1883	12.2871	1.1798	0.0193	0.0518	2.5100e-003	0.0543	0.0142	2.4100e-003	0.0166	0.0000	1,841.9878	1,841.9878	0.2619	0.0000	1,848.5344

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.1883	12.2871	1.1798	0.0193	0.0518	2.5100e-003	0.0543	0.0142	2.4100e-003	0.0166	0.0000	1,841.9878	1,841.9878	0.2619	0.0000	1,848.5344
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
Total	0.1883	12.2871	1.1798	0.0193	0.0518	2.5100e-003	0.0543	0.0142	2.4100e-003	0.0166	0.0000	1,841.9878	1,841.9878	0.2619	0.0000	1,848.5344

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/1/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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
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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	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.1883	12.2871	1.1798	0.0193	0.0518	2.5100e-003	0.0543	0.0142	2.4100e-003	0.0166	0.0000	1,841.9878	1,841.9878	0.2619	0.0000	1,848.5344
Unmitigated	0.1883	12.2871	1.1798	0.0193	0.0518	2.5100e-003	0.0543	0.0142	2.4100e-003	0.0166	0.0000	1,841.9878	1,841.9878	0.2619	0.0000	1,848.5344

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	836.00	836.00	836.00	121,722	121,722
Total	836.00	836.00	836.00	121,722	121,722

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	0.40	0.40	0.40	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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

Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
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Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 PASSENGER VEH ONLY - San Joaquin County, Annual

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 PASSENGER VEH ONLY
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Passenger vehicles only
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Passenger vehicles only - adjusted to match industrial default trip distances from collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.56	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.18	0.21
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MH	7.6700e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	443.75

tblVehicleTrips	WD_TR	0.00	443.75
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2.0 Emissions Summary

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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)
		Highest		

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	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
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	0.3812	0.6369	6.4047	0.0245	2.7078	0.0150	2.7228	0.7195	0.0138	0.7333	0.0000	2,217.8263	2,217.8263	0.0421	0.0000	2,218.8782
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
Total	0.3812	0.6369	6.4047	0.0245	2.7078	0.0150	2.7228	0.7195	0.0138	0.7333	0.0000	2,217.8264	2,217.8264	0.0421	0.0000	2,218.8783

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	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
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	0.3812	0.6369	6.4047	0.0245	2.7078	0.0150	2.7228	0.7195	0.0138	0.7333	0.0000	2,217.8263	2,217.8263	0.0421	0.0000	2,218.8782
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
Total	0.3812	0.6369	6.4047	0.0245	2.7078	0.0150	2.7228	0.7195	0.0138	0.7333	0.0000	2,217.8264	2,217.8264	0.0421	0.0000	2,218.8783

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	3/31/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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
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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	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.3812	0.6369	6.4047	0.0245	2.7078	0.0150	2.7228	0.7195	0.0138	0.7333	0.0000	2,217.8263	2,217.8263	0.0421	0.0000	2,218.8782
Unmitigated	0.3812	0.6369	6.4047	0.0245	2.7078	0.0150	2.7228	0.7195	0.0138	0.7333	0.0000	2,217.8263	2,217.8263	0.0421	0.0000	2,218.8782

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972
Total	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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

Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Unmitigated	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Total	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005

Total	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
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7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
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Land Use	tons	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 PASSENGER VEH ONLY - San Joaquin County, Summer

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 PASSENGER VEH ONLY
San Joaquin County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Passenger vehicles only
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Passenger vehicles only - adjusted to match industrial default trip distances from collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.56	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.18	0.21
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MH	7.6700e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	443.75

tblVehicleTrips	WD_TR	0.00	443.75
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2.0 Emissions Summary

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.3380	0.0000	0.0000	0.3230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.3380	0.0000	0.0000	0.3230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.3380	0.0000	0.0000	0.3230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.3380	0.0000	0.0000	0.3230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

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	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-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	2.6535	3.1817	40.2904	0.1466	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		14,629.7870	14,629.7870	0.2800		14,636.7868
Total	2.6535	3.1817	40.2908	0.1466	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		14,629.7879	14,629.7879	0.2800	0.0000	14,636.7878

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	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-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	2.6535	3.1817	40.2904	0.1466	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		14,629.7870	14,629.7870	0.2800		14,636.7868
Total	2.6535	3.1817	40.2908	0.1466	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		14,629.7879	14,629.7879	0.2800	0.0000	14,636.7878

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	3/31/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	2.6535	3.1817	40.2904	0.1466	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		14,629.78 70	14,629.78 70	0.2800		14,636.78 68
Unmitigated	2.6535	3.1817	40.2904	0.1466	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		14,629.78 70	14,629.78 70	0.2800		14,636.78 68

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972
Total	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

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
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Land Use	kBTU/yr	lb/day										lb/day					
User Defined Commercial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
User Defined Commercial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	8.8000e-004	8.8000e-004	0.0000			9.3000e-004

Unmitigated	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-004
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6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-004
Total	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-004
Total	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-004

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 PASSENGER VEH ONLY - San Joaquin County, Winter

**Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 PASSENGER VEH ONLY
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	4.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Passenger vehicles only
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Passenger vehicles only - adjusted to match industrial default trip distances from collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.56	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.18	0.21
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MH	7.6700e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	443.75
tblVehicleTrips	SU_TR	0.00	443.75

tblVehicleTrips	WD_TR	0.00	443.75
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2.0 Emissions Summary

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.3380	0.0000	0.0000	0.3230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.3380	0.0000	0.0000	0.3230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.3380	0.0000	0.0000	0.3230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.3380	0.0000	0.0000	0.3230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

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	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-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	1.9486	3.8467	34.9643	0.1310	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		13,076.4023	13,076.4023	0.2497		13,082.6439
Total	1.9487	3.8467	34.9647	0.1310	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		13,076.4032	13,076.4032	0.2497	0.0000	13,082.6448

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	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-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	1.9486	3.8467	34.9643	0.1310	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		13,076.4023	13,076.4023	0.2497		13,082.6439
Total	1.9487	3.8467	34.9647	0.1310	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		13,076.4032	13,076.4032	0.2497	0.0000	13,082.6448

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	3/31/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	1.9486	3.8467	34.9643	0.1310	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		13,076.40 23	13,076.40 23	0.2497		13,082.64 39
Unmitigated	1.9486	3.8467	34.9643	0.1310	15.3445	0.0826	15.4270	4.0676	0.0760	4.1437		13,076.40 23	13,076.40 23	0.2497		13,082.64 39

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972
Total	1,775.00	1,775.00	1,775.00	7,351,972	7,351,972

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

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
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Land Use	kBTU/yr	lb/day										lb/day					
User Defined Commercial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
User Defined Commercial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	8.8000e-004	8.8000e-004	0.0000			9.3000e-004

Unmitigated	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-004
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6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-004
Total	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-004
Total	4.0000e-005	0.0000	4.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		8.8000e-004	8.8000e-004	0.0000		9.3000e-004

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 TRUCKS ONLY - San Joaquin County, Annual

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 TRUCKS ONLY
San Joaquin County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Trucks only
- Construction Phase - Trucks only
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Trucks only - adjusted to match industrial default trip distances from collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.56	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	7.6700e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	0.00	836.00

tblVehicleTrips	WD_TR	0.00	836.00
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2.0 Emissions Summary

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	3.7000e-004	3.2200e-003	3.8500e-003	1.0000e-005	4.0000e-005	1.7000e-004	2.1000e-004	1.0000e-005	1.6000e-004	1.7000e-004	0.0000	0.5535	0.5535	1.0000e-004	0.0000	0.5559
Maximum	3.7000e-004	3.2200e-003	3.8500e-003	1.0000e-005	4.0000e-005	1.7000e-004	2.1000e-004	1.0000e-005	1.6000e-004	1.7000e-004	0.0000	0.5535	0.5535	1.0000e-004	0.0000	0.5559

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	3.7000e-004	3.2200e-003	3.8500e-003	1.0000e-005	4.0000e-005	1.7000e-004	2.1000e-004	1.0000e-005	1.6000e-004	1.7000e-004	0.0000	0.5535	0.5535	1.0000e-004	0.0000	0.5559
Maximum	3.7000e-004	3.2200e-003	3.8500e-003	1.0000e-005	4.0000e-005	1.7000e-004	2.1000e-004	1.0000e-005	1.6000e-004	1.7000e-004	0.0000	0.5535	0.5535	1.0000e-004	0.0000	0.5559

	ROG	NOx	CO	SO2	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)
			Highest	

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.4941	18.9229	3.3564	0.0723	1.4735	0.0243	1.4978	0.4050	0.0233	0.4283	0.0000	6,888.848 1	6,888.848 1	0.3005	0.0000	6,896.360 2
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
Total	0.4941	18.9229	3.3564	0.0723	1.4735	0.0243	1.4978	0.4050	0.0233	0.4283	0.0000	6,888.848 1	6,888.848 1	0.3005	0.0000	6,896.360 3

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.4941	18.9229	3.3564	0.0723	1.4735	0.0243	1.4978	0.4050	0.0233	0.4283	0.0000	6,888.848 1	6,888.848 1	0.3005	0.0000	6,896.360 2
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
Total	0.4941	18.9229	3.3564	0.0723	1.4735	0.0243	1.4978	0.4050	0.0233	0.4283	0.0000	6,888.848	6,888.848	0.3005	0.0000	6,896.360
												1	1			3

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/1/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.4941	18.9229	3.3564	0.0723	1.4735	0.0243	1.4978	0.4050	0.0233	0.4283	0.0000	6,888.848	6,888.848	0.3005	0.0000	6,896.360
												1	1			2
Unmitigated	0.4941	18.9229	3.3564	0.0723	1.4735	0.0243	1.4978	0.4050	0.0233	0.4283	0.0000	6,888.848	6,888.848	0.3005	0.0000	6,896.360
												1	1			2

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	836.00	836.00	836.00	3,462,675	3,462,675

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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

Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
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Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 TRUCKS ONLY - San Joaquin County, Summer

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 TRUCKS ONLY
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Trucks only
- Construction Phase - Trucks only
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Trucks only - adjusted to match industrial default trip distances from collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.56	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	7.6700e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	0.00	836.00

tblVehicleTrips	WD_TR	0.00	836.00
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2.0 Emissions Summary

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	2.6577	103.2180	17.3981	0.4035	8.3158	0.1323	8.4481	2.2792	0.1266	2.4057		42,369.9260	42,369.9260	1.7312		42,413.2054
Total	2.6577	103.2180	17.3982	0.4035	8.3158	0.1323	8.4481	2.2792	0.1266	2.4057		42,369.9262	42,369.9262	1.7312	0.0000	42,413.2056

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	2.6577	103.2180	17.3981	0.4035	8.3158	0.1323	8.4481	2.2792	0.1266	2.4057		42,369.9260	42,369.9260	1.7312		42,413.2054
Total	2.6577	103.2180	17.3982	0.4035	8.3158	0.1323	8.4481	2.2792	0.1266	2.4057		42,369.9262	42,369.9262	1.7312	0.0000	42,413.2056

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/1/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	2.6577	103.2180	17.3981	0.4035	8.3158	0.1323	8.4481	2.2792	0.1266	2.4057		42,369.92 60	42,369.92 60	1.7312		42,413.20 54
Unmitigated	2.6577	103.2180	17.3981	0.4035	8.3158	0.1323	8.4481	2.2792	0.1266	2.4057		42,369.92 60	42,369.92 60	1.7312		42,413.20 54

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	836.00	836.00	836.00	3,462,675	3,462,675

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

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
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Land Use	kBTU/yr	lb/day										lb/day					
User Defined Industrial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
User Defined Industrial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000			2.3000e-004

Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
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6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 TRUCKS ONLY - San Joaquin County, Winter

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 TRUCKS ONLY
San Joaquin County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2023
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Trucks only
- Construction Phase - Trucks only
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Trucks only - adjusted to match industrial default trip distances from collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.56	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.5350e-003	0.00
tblFleetMix	MCY	4.9830e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	7.6700e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1920e-003	0.00
tblFleetMix	SBUS	6.0600e-004	0.00
tblFleetMix	UBUS	1.4070e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	836.00
tblVehicleTrips	SU_TR	0.00	836.00

tblVehicleTrips	WD_TR	0.00	836.00
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2.0 Emissions Summary

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	2.7871	103.5419	19.9063	0.3900	8.3158	0.1358	8.4516	2.2792	0.1299	2.4091		40,948.8481	40,948.8481	1.9448		40,997.4692
Total	2.7871	103.5419	19.9064	0.3900	8.3158	0.1358	8.4516	2.2792	0.1299	2.4091		40,948.8483	40,948.8483	1.9448	0.0000	40,997.4694

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	2.7871	103.5419	19.9063	0.3900	8.3158	0.1358	8.4516	2.2792	0.1299	2.4091		40,948.8481	40,948.8481	1.9448		40,997.4692
Total	2.7871	103.5419	19.9064	0.3900	8.3158	0.1358	8.4516	2.2792	0.1299	2.4091		40,948.8483	40,948.8483	1.9448	0.0000	40,997.4694

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2022	4/1/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	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
Demolition	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	2.7871	103.5419	19.9063	0.3900	8.3158	0.1358	8.4516	2.2792	0.1299	2.4091		40,948.84 81	40,948.84 81	1.9448		40,997.46 92
Unmitigated	2.7871	103.5419	19.9063	0.3900	8.3158	0.1358	8.4516	2.2792	0.1299	2.4091		40,948.84 81	40,948.84 81	1.9448		40,997.46 92

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	836.00	836.00	836.00	3,462,675	3,462,675
Total	836.00	836.00	836.00	3,462,675	3,462,675

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

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
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Land Use	kBTU/yr	lb/day										lb/day					
User Defined Industrial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
User Defined Industrial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000			2.3000e-004

Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
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6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcel) - DEFAULT CONSTRUCTION MODEL 1 OF 2 - San Joaquin County, Annual

**Tracy Alliance Phase 2 (Suvik Farms Parcel) - DEFAULT CONSTRUCTION MODEL 1 OF 2
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	511.83	1000sqft	11.75	511,830.00	0
Other Non-Asphalt Surfaces	10.49	Acre	10.49	0.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - CalEEMod Note 2

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	456,944.40	0.00

2.0 Emissions Summary

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					
2023	0.2606	2.4003	2.2818	6.1700e-003	0.4100	0.0880	0.4980	0.1581	0.0820	0.2402	0.0000	553.7056	553.7056	0.0902	0.0000	555.9599
2024	0.6542	2.6335	2.8361	8.3900e-003	0.3028	0.0806	0.3834	0.0822	0.0757	0.1579	0.0000	757.1813	757.1813	0.0873	0.0000	759.3648
2025	3.2158	0.0110	0.0241	5.0000e-005	3.4400e-003	4.8000e-004	3.9200e-003	9.1000e-004	4.8000e-004	1.4000e-003	0.0000	4.8042	4.8042	1.7000e-004	0.0000	4.8086
Maximum	3.2158	2.6335	2.8361	8.3900e-003	0.4100	0.0880	0.4980	0.1581	0.0820	0.2402	0.0000	757.1813	757.1813	0.0902	0.0000	759.3648

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					
2023	0.2606	2.4003	2.2818	6.1700e-003	0.4100	0.0880	0.4980	0.1581	0.0820	0.2402	0.0000	553.7053	553.7053	0.0902	0.0000	555.9595
2024	0.6542	2.6335	2.8361	8.3900e-003	0.3028	0.0806	0.3834	0.0822	0.0757	0.1579	0.0000	757.1809	757.1809	0.0873	0.0000	759.3644
2025	3.2158	0.0110	0.0241	5.0000e-005	3.4400e-003	4.8000e-004	3.9200e-003	9.1000e-004	4.8000e-004	1.4000e-003	0.0000	4.8042	4.8042	1.7000e-004	0.0000	4.8086
Maximum	3.2158	2.6335	2.8361	8.3900e-003	0.4100	0.0880	0.4980	0.1581	0.0820	0.2402	0.0000	757.1809	757.1809	0.0902	0.0000	759.3644

	ROG	NOx	CO	SO2	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	4-3-2023	7-2-2023	1.0544	1.0544
2	7-3-2023	10-2-2023	0.8114	0.8114

3	10-3-2023	1-2-2024	0.8146	0.8146
4	1-3-2024	4-2-2024	0.7668	0.7668
5	4-3-2024	7-2-2024	0.7631	0.7631
6	7-3-2024	10-2-2024	0.7716	0.7716
7	10-3-2024	1-2-2025	1.3648	1.3648
8	1-3-2025	4-2-2025	2.8172	2.8172
		Highest	2.8172	2.8172

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	2.3601	6.0000e-005	6.0600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126
Energy	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	857.4312	857.4312	0.0344	9.5200e-003	861.1287
Mobile	0.2222	1.4520	2.5555	0.0115	0.9430	7.6400e-003	0.9506	0.2527	7.1300e-003	0.2598	0.0000	1,063.8531	1,063.8531	0.0405	0.0000	1,064.8662
Waste						0.0000	0.0000		0.0000	0.0000	97.6630	0.0000	97.6630	5.7717	0.0000	241.9560
Water						0.0000	0.0000		0.0000	0.0000	37.5504	186.3142	223.8645	3.8652	0.0928	348.1522
Total	2.5991	1.6053	2.6903	0.0125	0.9430	0.0193	0.9623	0.2527	0.0188	0.2715	135.2134	2,107.6103	2,242.8237	9.7119	0.1023	2,516.1156

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	2.3601	6.0000e-005	6.0600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126
Energy	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	857.4312	857.4312	0.0344	9.5200e-003	861.1287
Mobile	0.2222	1.4520	2.5555	0.0115	0.9430	7.6400e-003	0.9506	0.2527	7.1300e-003	0.2598	0.0000	1,063.8531	1,063.8531	0.0405	0.0000	1,064.8662
Waste						0.0000	0.0000		0.0000	0.0000	97.6630	0.0000	97.6630	5.7717	0.0000	241.9560
Water						0.0000	0.0000		0.0000	0.0000	37.5504	186.3142	223.8645	3.8652	0.0928	348.1522
Total	2.5991	1.6053	2.6903	0.0125	0.9430	0.0193	0.9623	0.2527	0.0188	0.2715	135.2134	2,107.6103	2,242.8237	9.7119	0.1023	2,516.1156

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/3/2023	4/28/2023	5	20	
2	Site Preparation	Site Preparation	4/29/2023	5/12/2023	5	10	
3	Grading	Grading	5/13/2023	6/30/2023	5	35	
4	Building Construction	Building Construction	7/1/2023	11/29/2024	5	370	
5	Paving	Paving	11/30/2024	12/27/2024	5	20	
6	Architectural Coating	Architectural Coating	12/28/2024	1/24/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.5

Acres of Paving: 11.73

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 767,745; Non-Residential Outdoor: 255,915; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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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

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	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	238.00	93.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	48.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0227	0.2148	0.1964	3.9000e-004		9.9800e-003	9.9800e-003		9.2800e-003	9.2800e-003	0.0000	33.9921	33.9921	9.5200e-003	0.0000	34.2301
Total	0.0227	0.2148	0.1964	3.9000e-004		9.9800e-003	9.9800e-003		9.2800e-003	9.2800e-003	0.0000	33.9921	33.9921	9.5200e-003	0.0000	34.2301

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	3.1000e-004	3.2100e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9468	0.9468	2.0000e-005	0.0000	0.9473
Total	4.8000e-004	3.1000e-004	3.2100e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9468	0.9468	2.0000e-005	0.0000	0.9473

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	0.0227	0.2148	0.1964	3.9000e-004		9.9800e-003	9.9800e-003		9.2800e-003	9.2800e-003	0.0000	33.9920	33.9920	9.5200e-003	0.0000	34.2300
Total	0.0227	0.2148	0.1964	3.9000e-004		9.9800e-003	9.9800e-003		9.2800e-003	9.2800e-003	0.0000	33.9920	33.9920	9.5200e-003	0.0000	34.2300

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	3.1000e-004	3.2100e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9468	0.9468	2.0000e-005	0.0000	0.9473
Total	4.8000e-004	3.1000e-004	3.2100e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9468	0.9468	2.0000e-005	0.0000	0.9473

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					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	0.0133	0.1376	0.0912	1.9000e-004		6.3300e-003	6.3300e-003		5.8200e-003	5.8200e-003	0.0000	16.7254	16.7254	5.4100e-003	0.0000	16.8606

Total	0.0133	0.1376	0.0912	1.9000e-004	0.0903	6.3300e-003	0.0967	0.0497	5.8200e-003	0.0555	0.0000	16.7254	16.7254	5.4100e-003	0.0000	16.8606
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9000e-004	1.8000e-004	1.9300e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5681	0.5681	1.0000e-005	0.0000	0.5684
Total	2.9000e-004	1.8000e-004	1.9300e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5681	0.5681	1.0000e-005	0.0000	0.5684

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	0.0133	0.1376	0.0912	1.9000e-004		6.3300e-003	6.3300e-003		5.8200e-003	5.8200e-003	0.0000	16.7253	16.7253	5.4100e-003	0.0000	16.8606
Total	0.0133	0.1376	0.0912	1.9000e-004	0.0903	6.3300e-003	0.0967	0.0497	5.8200e-003	0.0555	0.0000	16.7253	16.7253	5.4100e-003	0.0000	16.8606

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9000e-004	1.8000e-004	1.9300e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5681	0.5681	1.0000e-005	0.0000	0.5684
Total	2.9000e-004	1.8000e-004	1.9300e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5681	0.5681	1.0000e-005	0.0000	0.5684

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0581	0.6040	0.4909	1.0900e-003		0.0249	0.0249		0.0229	0.0229	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083
Total	0.0581	0.6040	0.4909	1.0900e-003	0.1518	0.0249	0.1767	0.0629	0.0229	0.0859	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083

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	1.1100e-003	7.2000e-004	7.4900e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.2092	2.2092	5.0000e-005	0.0000	2.2104
Total	1.1100e-003	7.2000e-004	7.4900e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.2092	2.2092	5.0000e-005	0.0000	2.2104

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					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0581	0.6040	0.4909	1.0900e-003		0.0249	0.0249		0.0229	0.0229	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082
Total	0.0581	0.6040	0.4909	1.0900e-003	0.1518	0.0249	0.1767	0.0629	0.0229	0.0859	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082

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	1.1100e-003	7.2000e-004	7.4900e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.2092	2.2092	5.0000e-005	0.0000	2.2104
Total	1.1100e-003	7.2000e-004	7.4900e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.2092	2.2092	5.0000e-005	0.0000	2.2104

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692

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	0.0132	0.4760	0.1037	1.6400e-003	0.0399	4.9000e-004	0.0404	0.0115	4.7000e-004	0.0120	0.0000	155.5094	155.5094	6.3100e-003	0.0000	155.6671
Worker	0.0492	0.0316	0.3310	1.0800e-003	0.1232	7.6000e-004	0.1240	0.0328	7.0000e-004	0.0335	0.0000	97.6451	97.6451	2.1400e-003	0.0000	97.6987
Total	0.0624	0.5076	0.4348	2.7200e-003	0.1632	1.2500e-003	0.1644	0.0443	1.1700e-003	0.0455	0.0000	253.1545	253.1545	8.4500e-003	0.0000	253.3658

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	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690

Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690
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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	0.0132	0.4760	0.1037	1.6400e-003	0.0399	4.9000e-004	0.0404	0.0115	4.7000e-004	0.0120	0.0000	155.5094	155.5094	6.3100e-003	0.0000	155.6671
Worker	0.0492	0.0316	0.3310	1.0800e-003	0.1232	7.6000e-004	0.1240	0.0328	7.0000e-004	0.0335	0.0000	97.6451	97.6451	2.1400e-003	0.0000	97.6987
Total	0.0624	0.5076	0.4348	2.7200e-003	0.1632	1.2500e-003	0.1644	0.0443	1.1700e-003	0.0455	0.0000	253.1545	253.1545	8.4500e-003	0.0000	253.3658

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1766	1.6133	1.9400	3.2300e-003		0.0736	0.0736		0.0692	0.0692	0.0000	278.2189	278.2189	0.0658	0.0000	279.8637
Total	0.1766	1.6133	1.9400	3.2300e-003		0.0736	0.0736		0.0692	0.0692	0.0000	278.2189	278.2189	0.0658	0.0000	279.8637

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	0.0236	0.8709	0.1810	3.0000e-003	0.0737	8.9000e-004	0.0746	0.0213	8.5000e-004	0.0222	0.0000	284.9638	284.9638	0.0115	0.0000	285.2510
Worker	0.0848	0.0524	0.5631	1.9100e-003	0.2275	1.3600e-003	0.2289	0.0605	1.2600e-003	0.0617	0.0000	172.5207	172.5207	3.5400e-003	0.0000	172.6093
Total	0.1083	0.9234	0.7441	4.9100e-003	0.3012	2.2500e-003	0.3035	0.0818	2.1100e-003	0.0839	0.0000	457.4844	457.4844	0.0150	0.0000	457.8603

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	0.1766	1.6133	1.9400	3.2300e-003		0.0736	0.0736		0.0692	0.0692	0.0000	278.2186	278.2186	0.0658	0.0000	279.8634
Total	0.1766	1.6133	1.9400	3.2300e-003		0.0736	0.0736		0.0692	0.0692	0.0000	278.2186	278.2186	0.0658	0.0000	279.8634

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	0.0236	0.8709	0.1810	3.0000e-003	0.0737	8.9000e-004	0.0746	0.0213	8.5000e-004	0.0222	0.0000	284.9638	284.9638	0.0115	0.0000	285.2510
Worker	0.0848	0.0524	0.5631	1.9100e-003	0.2275	1.3600e-003	0.2289	0.0605	1.2600e-003	0.0617	0.0000	172.5207	172.5207	3.5400e-003	0.0000	172.6093
Total	0.1083	0.9234	0.7441	4.9100e-003	0.3012	2.2500e-003	0.3035	0.0818	2.1100e-003	0.0839	0.0000	457.4844	457.4844	0.0150	0.0000	457.8603

3.6 Paving - 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	1.6200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0115	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

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	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066
Total	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066

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	1.6200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0115	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

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	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066
Total	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

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

Archit. Coating	0.3570					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	1.8000e-004	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	0.3572	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

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	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2900	0.2900	1.0000e-005	0.0000	0.2901
Total	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2900	0.2900	1.0000e-005	0.0000	0.2901

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	0.3570					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	0.3572	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

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	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2900	0.2900	1.0000e-005	0.0000	0.2901
Total	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	3.8000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2900	0.2900	1.0000e-005	0.0000	0.2901

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.2130					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5400e-003	0.0103	0.0163	3.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	2.2979	2.2979	1.3000e-004	0.0000	2.3011
Total	3.2146	0.0103	0.0163	3.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	2.2979	2.2979	1.3000e-004	0.0000	2.3011

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	1.2000e-003	7.2000e-004	7.8500e-003	3.0000e-005	3.4400e-003	2.0000e-005	3.4600e-003	9.1000e-004	2.0000e-005	9.3000e-004	0.0000	2.5063	2.5063	5.0000e-005	0.0000	2.5075
Total	1.2000e-003	7.2000e-004	7.8500e-003	3.0000e-005	3.4400e-003	2.0000e-005	3.4600e-003	9.1000e-004	2.0000e-005	9.3000e-004	0.0000	2.5063	2.5063	5.0000e-005	0.0000	2.5075

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	3.2130					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5400e-003	0.0103	0.0163	3.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	2.2979	2.2979	1.3000e-004	0.0000	2.3011
Total	3.2146	0.0103	0.0163	3.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	2.2979	2.2979	1.3000e-004	0.0000	2.3011

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	1.2000e-003	7.2000e-004	7.8500e-003	3.0000e-005	3.4400e-003	2.0000e-005	3.4600e-003	9.1000e-004	2.0000e-005	9.3000e-004	0.0000	2.5063	2.5063	5.0000e-005	0.0000	2.5075
Total	1.2000e-003	7.2000e-004	7.8500e-003	3.0000e-005	3.4400e-003	2.0000e-005	3.4600e-003	9.1000e-004	2.0000e-005	9.3000e-004	0.0000	2.5063	2.5063	5.0000e-005	0.0000	2.5075

4.0 Operational Detail - Mobile

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	0.2222	1.4520	2.5555	0.0115	0.9430	7.6400e-003	0.9506	0.2527	7.1300e-003	0.2598	0.0000	1,063.8531	1,063.8531	0.0405	0.0000	1,064.8662
Unmitigated	0.2222	1.4520	2.5555	0.0115	0.9430	7.6400e-003	0.9506	0.2527	7.1300e-003	0.2598	0.0000	1,063.8531	1,063.8531	0.0405	0.0000	1,064.8662

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	859.87	859.87	859.87	2,510,413	2,510,413
Total	859.87	859.87	859.87	2,510,413	2,510,413

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
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Other Non-Asphalt Surfaces	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Parking Lot	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Unrefrigerated Warehouse-No Rail	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	690.5476	690.5476	0.0312	6.4600e-003	693.2534
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	690.5476	690.5476	0.0312	6.4600e-003	693.2534
NaturalGas Mitigated	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754
NaturalGas Unmitigated	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000

Unrefrigerated Warehouse-No	3.12728e+006	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754
Total		0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754

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					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	3.12728e+006	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754
Total		0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	5.6204	2.5000e-004	5.0000e-005	5.6424
Unrefrigerated Warehouse-No	2.35442e+006	684.9272	0.0310	6.4100e-003	687.6109
Total		690.5476	0.0312	6.4600e-003	693.2534

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	5.6204	2.5000e-004	5.0000e-005	5.6424
Unrefrigerated Warehouse-No	2.35442e+006	684.9272	0.0310	6.4100e-003	687.6109
Total		690.5476	0.0312	6.4600e-003	693.2534

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	2.3601	6.0000e-005	6.0600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126
Unmitigated	2.3601	6.0000e-005	6.0600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126

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	0.3570						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	2.0025						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	5.6000e-004	6.0000e-005	6.0600e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126
Total	2.3601	6.0000e-005	6.0600e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126

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	0.3570						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	2.0025						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	5.6000e-004	6.0000e-005	6.0600e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126
Total	2.3601	6.0000e-005	6.0600e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e

Category	MT/yr			
Mitigated	223.8645	3.8652	0.0928	348.1522
Unmitigated	223.8645	3.8652	0.0928	348.1522

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	118.361 / 0	223.8645	3.8652	0.0928	348.1522
Total		223.8645	3.8652	0.0928	348.1522

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	118.361 / 0	223.8645	3.8652	0.0928	348.1522

Total		223.8645	3.8652	0.0928	348.1522
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8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	97.6630	5.7717	0.0000	241.9560
Unmitigated	97.6630	5.7717	0.0000	241.9560

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	481.12	97.6630	5.7717	0.0000	241.9560
Total		97.6630	5.7717	0.0000	241.9560

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	481.12	97.6630	5.7717	0.0000	241.9560
Total		97.6630	5.7717	0.0000	241.9560

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 2 (Suvik Farms Parcel) - DEFAULT CONSTRUCTION MODEL 2 OF 2 - San Joaquin County, Annual

**Tracy Alliance Phase 2 (Suvik Farms Parcel) - DEFAULT CONSTRUCTION MODEL 2 OF 2
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	511.83	1000sqft	11.75	511,830.00	0
Parking Lot	138.00	Space	1.24	55,200.00	0
Other Non-Asphalt Surfaces	10.48	Acre	10.48	456,508.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -
Land Use - CalEEMod Note 2

Table Name	Column Name	Default Value	New Value
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2.0 Emissions Summary

**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					
2023	0.3109	2.8097	2.6325	8.3700e-003	0.5416	0.0890	0.6306	0.1939	0.0830	0.2769	0.0000	757.8889	757.8889	0.0970	0.0000	760.3136
2024	0.7512	3.3782	3.4371	0.0124	0.5461	0.0824	0.6285	0.1483	0.0774	0.2257	0.0000	1,126.3967	1,126.3967	0.0995	0.0000	1,128.8834
2025	3.3024	0.0116	0.0304	8.0000e-005	6.1700e-003	5.0000e-004	6.6600e-003	1.6400e-003	5.0000e-004	2.1400e-003	0.0000	6.7884	6.7884	2.1000e-004	0.0000	6.7937
Maximum	3.3024	3.3782	3.4371	0.0124	0.5461	0.0890	0.6306	0.1939	0.0830	0.2769	0.0000	1,126.3967	1,126.3967	0.0995	0.0000	1,128.8834

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					
2023	0.3109	2.8097	2.6325	8.3700e-003	0.5416	0.0890	0.6306	0.1939	0.0830	0.2769	0.0000	757.8886	757.8886	0.0970	0.0000	760.3133
2024	0.7512	3.3782	3.4371	0.0124	0.5461	0.0824	0.6285	0.1483	0.0774	0.2257	0.0000	1,126.3963	1,126.3963	0.0995	0.0000	1,128.8830
2025	3.3024	0.0116	0.0304	8.0000e-005	6.1700e-003	5.0000e-004	6.6600e-003	1.6400e-003	5.0000e-004	2.1400e-003	0.0000	6.7884	6.7884	2.1000e-004	0.0000	6.7937
Maximum	3.3024	3.3782	3.4371	0.0124	0.5461	0.0890	0.6306	0.1939	0.0830	0.2769	0.0000	1,126.3963	1,126.3963	0.0995	0.0000	1,128.8830

	ROG	NOx	CO	SO2	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	4-3-2023	7-2-2023	1.0594	1.0594
2	7-3-2023	10-2-2023	1.0430	1.0430
3	10-3-2023	1-2-2024	1.0493	1.0493

4	1-3-2024	4-2-2024	0.9943	0.9943
5	4-3-2024	7-2-2024	0.9876	0.9876
6	7-3-2024	10-2-2024	0.9986	0.9986
7	10-3-2024	1-2-2025	1.5307	1.5307
8	1-3-2025	4-2-2025	2.8934	2.8934
		Highest	2.8934	2.8934

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	2.3991	6.0000e-005	6.0600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126
Energy	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	857.4312	857.4312	0.0344	9.5200e-003	861.1287
Mobile	0.2222	1.4520	2.5555	0.0115	0.9430	7.6400e-003	0.9506	0.2527	7.1300e-003	0.2598	0.0000	1,063.8531	1,063.8531	0.0405	0.0000	1,064.8662
Waste						0.0000	0.0000		0.0000	0.0000	97.6630	0.0000	97.6630	5.7717	0.0000	241.9560
Water						0.0000	0.0000		0.0000	0.0000	37.5504	186.3142	223.8645	3.8652	0.0928	348.1522
Total	2.6382	1.6053	2.6903	0.0125	0.9430	0.0193	0.9623	0.2527	0.0188	0.2715	135.2134	2,107.6103	2,242.8237	9.7119	0.1023	2,516.1156

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	2.3991	6.0000e-005	6.0600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126

Energy	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	857.4312	857.4312	0.0344	9.5200e-003	861.1287
Mobile	0.2222	1.4520	2.5555	0.0115	0.9430	7.6400e-003	0.9506	0.2527	7.1300e-003	0.2598	0.0000	1,063.8531	1,063.8531	0.0405	0.0000	1,064.8662
Waste						0.0000	0.0000		0.0000	0.0000	97.6630	0.0000	97.6630	5.7717	0.0000	241.9560
Water						0.0000	0.0000		0.0000	0.0000	37.5504	186.3142	223.8645	3.8652	0.0928	348.1522
Total	2.6382	1.6053	2.6903	0.0125	0.9430	0.0193	0.9623	0.2527	0.0188	0.2715	135.2134	2,107.6103	2,242.8237	9.7119	0.1023	2,516.1156

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/3/2023	4/28/2023	5	20	
2	Site Preparation	Site Preparation	4/29/2023	5/12/2023	5	10	
3	Grading	Grading	5/13/2023	6/30/2023	5	35	
4	Building Construction	Building Construction	7/1/2023	11/29/2024	5	370	
5	Paving	Paving	11/30/2024	12/27/2024	5	20	
6	Architectural Coating	Architectural Coating	12/28/2024	1/24/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.5

Acres of Paving: 11.72

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 767,745; Non-Residential Outdoor: 255,915; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38

Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45

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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	430.00	168.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	86.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0227	0.2148	0.1964	3.9000e-004		9.9800e-003	9.9800e-003		9.2800e-003	9.2800e-003	0.0000	33.9921	33.9921	9.5200e-003	0.0000	34.2301
Total	0.0227	0.2148	0.1964	3.9000e-004		9.9800e-003	9.9800e-003		9.2800e-003	9.2800e-003	0.0000	33.9921	33.9921	9.5200e-003	0.0000	34.2301

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	3.1000e-004	3.2100e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9468	0.9468	2.0000e-005	0.0000	0.9473
Total	4.8000e-004	3.1000e-004	3.2100e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9468	0.9468	2.0000e-005	0.0000	0.9473

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	0.0227	0.2148	0.1964	3.9000e-004		9.9800e-003	9.9800e-003		9.2800e-003	9.2800e-003	0.0000	33.9920	33.9920	9.5200e-003	0.0000	34.2300
Total	0.0227	0.2148	0.1964	3.9000e-004		9.9800e-003	9.9800e-003		9.2800e-003	9.2800e-003	0.0000	33.9920	33.9920	9.5200e-003	0.0000	34.2300

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	3.1000e-004	3.2100e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9468	0.9468	2.0000e-005	0.0000	0.9473
Total	4.8000e-004	3.1000e-004	3.2100e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9468	0.9468	2.0000e-005	0.0000	0.9473

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					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	0.0133	0.1376	0.0912	1.9000e-004		6.3300e-003	6.3300e-003		5.8200e-003	5.8200e-003	0.0000	16.7254	16.7254	5.4100e-003	0.0000	16.8606
Total	0.0133	0.1376	0.0912	1.9000e-004	0.0903	6.3300e-003	0.0967	0.0497	5.8200e-003	0.0555	0.0000	16.7254	16.7254	5.4100e-003	0.0000	16.8606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9000e-004	1.8000e-004	1.9300e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5681	0.5681	1.0000e-005	0.0000	0.5684
Total	2.9000e-004	1.8000e-004	1.9300e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5681	0.5681	1.0000e-005	0.0000	0.5684

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	0.0133	0.1376	0.0912	1.9000e-004		6.3300e-003	6.3300e-003		5.8200e-003	5.8200e-003	0.0000	16.7253	16.7253	5.4100e-003	0.0000	16.8606
Total	0.0133	0.1376	0.0912	1.9000e-004	0.0903	6.3300e-003	0.0967	0.0497	5.8200e-003	0.0555	0.0000	16.7253	16.7253	5.4100e-003	0.0000	16.8606

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9000e-004	1.8000e-004	1.9300e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5681	0.5681	1.0000e-005	0.0000	0.5684
Total	2.9000e-004	1.8000e-004	1.9300e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5681	0.5681	1.0000e-005	0.0000	0.5684

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0581	0.6040	0.4909	1.0900e-003		0.0249	0.0249		0.0229	0.0229	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083
Total	0.0581	0.6040	0.4909	1.0900e-003	0.1518	0.0249	0.1767	0.0629	0.0229	0.0859	0.0000	95.4366	95.4366	0.0309	0.0000	96.2083

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	1.1100e-003	7.2000e-004	7.4900e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.2092	2.2092	5.0000e-005	0.0000	2.2104
Total	1.1100e-003	7.2000e-004	7.4900e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.2092	2.2092	5.0000e-005	0.0000	2.2104

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					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0581	0.6040	0.4909	1.0900e-003		0.0249	0.0249		0.0229	0.0229	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082
Total	0.0581	0.6040	0.4909	1.0900e-003	0.1518	0.0249	0.1767	0.0629	0.0229	0.0859	0.0000	95.4365	95.4365	0.0309	0.0000	96.2082

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	1.1100e-003	7.2000e-004	7.4900e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.2092	2.2092	5.0000e-005	0.0000	2.2104
Total	1.1100e-003	7.2000e-004	7.4900e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8100e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.2092	2.2092	5.0000e-005	0.0000	2.2104

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
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Category	tons/yr										MT/yr					
Off-Road	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692

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	0.0239	0.8598	0.1874	2.9600e-003	0.0722	8.8000e-004	0.0730	0.0209	8.5000e-004	0.0217	0.0000	280.9202	280.9202	0.0114	0.0000	281.2050
Worker	0.0888	0.0571	0.5981	1.9500e-003	0.2226	1.3700e-003	0.2240	0.0592	1.2700e-003	0.0605	0.0000	176.4176	176.4176	3.8800e-003	0.0000	176.5145
Total	0.1127	0.9170	0.7855	4.9100e-003	0.2948	2.2500e-003	0.2970	0.0800	2.1200e-003	0.0822	0.0000	457.3378	457.3378	0.0153	0.0000	457.7195

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	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690

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	0.0239	0.8598	0.1874	2.9600e-003	0.0722	8.8000e-004	0.0730	0.0209	8.5000e-004	0.0217	0.0000	280.9202	280.9202	0.0114	0.0000	281.2050
Worker	0.0888	0.0571	0.5981	1.9500e-003	0.2226	1.3700e-003	0.2240	0.0592	1.2700e-003	0.0605	0.0000	176.4176	176.4176	3.8800e-003	0.0000	176.5145
Total	0.1127	0.9170	0.7855	4.9100e-003	0.2948	2.2500e-003	0.2970	0.0800	2.1200e-003	0.0822	0.0000	457.3378	457.3378	0.0153	0.0000	457.7195

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1766	1.6133	1.9400	3.2300e-003		0.0736	0.0736		0.0692	0.0692	0.0000	278.2189	278.2189	0.0658	0.0000	279.8637
Total	0.1766	1.6133	1.9400	3.2300e-003		0.0736	0.0736		0.0692	0.0692	0.0000	278.2189	278.2189	0.0658	0.0000	279.8637

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
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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
Vendor	0.0426	1.5733	0.3269	5.4200e-003	0.1332	1.6100e-003	0.1348	0.0385	1.5400e-003	0.0400	0.0000	514.7732	514.7732	0.0208	0.0000	515.2921
Worker	0.1531	0.0948	1.0174	3.4500e-003	0.4110	2.4600e-003	0.4135	0.1093	2.2700e-003	0.1115	0.0000	311.6971	311.6971	6.4000e-003	0.0000	311.8571
Total	0.1957	1.6681	1.3443	8.8700e-003	0.5442	4.0700e-003	0.5483	0.1478	3.8100e-003	0.1516	0.0000	826.4703	826.4703	0.0272	0.0000	827.1492

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	0.1766	1.6133	1.9400	3.2300e-003		0.0736	0.0736		0.0692	0.0692	0.0000	278.2186	278.2186	0.0658	0.0000	279.8634
Total	0.1766	1.6133	1.9400	3.2300e-003		0.0736	0.0736		0.0692	0.0692	0.0000	278.2186	278.2186	0.0658	0.0000	279.8634

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	0.0426	1.5733	0.3269	5.4200e-003	0.1332	1.6100e-003	0.1348	0.0385	1.5400e-003	0.0400	0.0000	514.7732	514.7732	0.0208	0.0000	515.2921
Worker	0.1531	0.0948	1.0174	3.4500e-003	0.4110	2.4600e-003	0.4135	0.1093	2.2700e-003	0.1115	0.0000	311.6971	311.6971	6.4000e-003	0.0000	311.8571

Total	0.1957	1.6681	1.3443	8.8700e-003	0.5442	4.0700e-003	0.5483	0.1478	3.8100e-003	0.1516	0.0000	826.4703	826.4703	0.0272	0.0000	827.1492
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3.6 Paving - 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	1.6200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0115	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

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	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066
Total	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066

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	1.6200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0115	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

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	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066
Total	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3665					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

Total	0.3667	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
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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	2.6000e-004	1.6000e-004	1.7000e-003	1.0000e-005	6.9000e-004	0.0000	6.9000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.5195	0.5195	1.0000e-005	0.0000	0.5198
Total	2.6000e-004	1.6000e-004	1.7000e-003	1.0000e-005	6.9000e-004	0.0000	6.9000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.5195	0.5195	1.0000e-005	0.0000	0.5198

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	0.3665					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	0.3667	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

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	2.6000e-004	1.6000e-004	1.7000e-003	1.0000e-005	6.9000e-004	0.0000	6.9000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.5195	0.5195	1.0000e-005	0.0000	0.5198
Total	2.6000e-004	1.6000e-004	1.7000e-003	1.0000e-005	6.9000e-004	0.0000	6.9000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.5195	0.5195	1.0000e-005	0.0000	0.5198

3.7 Architectural Coating - 2025
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.2987					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5400e-003	0.0103	0.0163	3.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	2.2979	2.2979	1.3000e-004	0.0000	2.3011
Total	3.3003	0.0103	0.0163	3.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	2.2979	2.2979	1.3000e-004	0.0000	2.3011

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	2.1600e-003	1.2900e-003	0.0141	5.0000e-005	6.1700e-003	4.0000e-005	6.2000e-003	1.6400e-003	3.0000e-005	1.6700e-003	0.0000	4.4905	4.4905	9.0000e-005	0.0000	4.4926
Total	2.1600e-003	1.2900e-003	0.0141	5.0000e-005	6.1700e-003	4.0000e-005	6.2000e-003	1.6400e-003	3.0000e-005	1.6700e-003	0.0000	4.4905	4.4905	9.0000e-005	0.0000	4.4926

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	3.2987					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5400e-003	0.0103	0.0163	3.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	2.2979	2.2979	1.3000e-004	0.0000	2.3011
Total	3.3003	0.0103	0.0163	3.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	2.2979	2.2979	1.3000e-004	0.0000	2.3011

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	2.1600e-003	1.2900e-003	0.0141	5.0000e-005	6.1700e-003	4.0000e-005	6.2000e-003	1.6400e-003	3.0000e-005	1.6700e-003	0.0000	4.4905	4.4905	9.0000e-005	0.0000	4.4926
Total	2.1600e-003	1.2900e-003	0.0141	5.0000e-005	6.1700e-003	4.0000e-005	6.2000e-003	1.6400e-003	3.0000e-005	1.6700e-003	0.0000	4.4905	4.4905	9.0000e-005	0.0000	4.4926

4.0 Operational Detail - Mobile

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	0.2222	1.4520	2.5555	0.0115	0.9430	7.6400e-003	0.9506	0.2527	7.1300e-003	0.2598	0.0000	1,063.8531	1,063.8531	0.0405	0.0000	1,064.8662
Unmitigated	0.2222	1.4520	2.5555	0.0115	0.9430	7.6400e-003	0.9506	0.2527	7.1300e-003	0.2598	0.0000	1,063.8531	1,063.8531	0.0405	0.0000	1,064.8662

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	859.87	859.87	859.87	2,510,413	2,510,413
Total	859.87	859.87	859.87	2,510,413	2,510,413

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Parking Lot	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Unrefrigerated Warehouse-No Rail	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	690.5476	690.5476	0.0312	6.4600e-003	693.2534
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	690.5476	690.5476	0.0312	6.4600e-003	693.2534
NaturalGas Mitigated	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754
NaturalGas Unmitigated	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	3.12728e+006	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754
Total		0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754

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					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No 006	3.12728e+006	0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754
Total		0.0169	0.1533	0.1288	9.2000e-004		0.0117	0.0117		0.0117	0.0117	0.0000	166.8836	166.8836	3.2000e-003	3.0600e-003	167.8754

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	5.6204	2.5000e-004	5.0000e-005	5.6424
Unrefrigerated Warehouse-No 006	2.35442e+006	684.9272	0.0310	6.4100e-003	687.6109
Total		690.5476	0.0312	6.4600e-003	693.2534

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19320	5.6204	2.5000e-004	5.0000e-005	5.6424
Unrefrigerated Warehouse-No	2.35442e+006	684.9272	0.0310	6.4100e-003	687.6109
Total		690.5476	0.0312	6.4600e-003	693.2534

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	2.3991	6.0000e-005	6.0600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126
Unmitigated	2.3991	6.0000e-005	6.0600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126

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	0.3665					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0320					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.6000e-004	6.0000e-005	6.0600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126
Total	2.3991	6.0000e-005	6.0600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000	0.0126

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	0.3665						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.0320						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.6000e-004	6.0000e-005	6.0600e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000
Total	2.3991	6.0000e-005	6.0600e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0118	0.0118	3.0000e-005	0.0000

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	223.8645	3.8652	0.0928	348.1522

Unmitigated	223.8645	3.8652	0.0928	348.1522
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7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	Mt/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	118.361 / 0	223.8645	3.8652	0.0928	348.1522
Total		223.8645	3.8652	0.0928	348.1522

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	Mt/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	118.361 / 0	223.8645	3.8652	0.0928	348.1522
Total		223.8645	3.8652	0.0928	348.1522

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	97.6630	5.7717	0.0000	241.9560
Unmitigated	97.6630	5.7717	0.0000	241.9560

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	481.12	97.6630	5.7717	0.0000	241.9560
Total		97.6630	5.7717	0.0000	241.9560

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	481.12	97.6630	5.7717	0.0000	241.9560
Total		97.6630	5.7717	0.0000	241.9560

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 2 (Suvik Farms Parcels) - MITIGATED Construction Only - San Joaquin County, Annual

**Tracy Alliance Phase 2 (Suvik Farms Parcels) - MITIGATED Construction Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 3

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4, CalEEMod Note 9

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition -

Grading -

Architectural Coating - CalEEMod Note 10

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021 & CalEEMod Note 9

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	10.00
tblArchitecturalCoating	EF_Parking	150.00	10.00
tblArchitecturalCoating	EF_Residential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Residential_Interior	150.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	21.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	30.00	50.00
tblConstructionPhase	NumDays	75.00	145.00
tblConstructionPhase	NumDays	740.00	110.00
tblConstructionPhase	NumDays	55.00	20.00
tblConstructionPhase	NumDays	55.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	HorsePower	84.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	962.24	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	236,721,375.00	0.00

2.0 Emissions Summary

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					
2023	0.6265	5.5500	5.6377	0.0129	0.8120	0.2306	1.0426	0.3139	0.2134	0.5273	0.0000	1,141.0571	1,141.0571	0.2383	0.0000	1,147.0138
2024	0.6318	1.2829	1.5722	3.4300e-003	0.0996	0.0518	0.1514	0.0268	0.0481	0.0749	0.0000	304.1795	304.1795	0.0592	0.0000	305.6593
Maximum	0.6318	5.5500	5.6377	0.0129	0.8120	0.2306	1.0426	0.3139	0.2134	0.5273	0.0000	1,141.0571	1,141.0571	0.2383	0.0000	1,147.0138

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					
2023	0.1470	0.8139	1.9654	0.0129	0.5441	6.3700e-003	0.5504	0.1893	6.2200e-003	0.1956	0.0000	630.2237	630.2237	0.0848	0.0000	632.3429
2024	0.5176	0.2098	0.4172	3.4300e-003	0.0996	1.3200e-003	0.1009	0.0268	1.2800e-003	0.0281	0.0000	153.2413	153.2413	0.0151	0.0000	153.6192
Maximum	0.5176	0.8139	1.9654	0.0129	0.5441	6.3700e-003	0.5504	0.1893	6.2200e-003	0.1956	0.0000	630.2237	630.2237	0.0848	0.0000	632.3429

	ROG	NOx	CO	SO2	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	47.18	85.02	66.95	0.00	29.40	97.28	45.45	36.56	97.13	62.87	0.00	45.79	45.79	66.43	0.00	45.90

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-3-2023	7-2-2023	0.4492	0.0125
2	7-3-2023	10-2-2023	1.8123	0.2688
3	10-3-2023	1-2-2024	4.0474	0.7156
4	1-3-2024	4-2-2024	1.7914	0.7058
		Highest	4.0474	0.7156

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	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251
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
Total	1.1200e-003	1.1000e-004	0.0121	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251

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	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251
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
Total	1.1200e-003	1.1000e-004	0.0121	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	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	Site Preparation	4/3/2023	6/9/2023	5	50	
2	Grading	Grading	6/10/2023	12/29/2023	5	145	
3	Building Construction	Building Construction	9/1/2023	2/1/2024	5	110	
4	Paving	Paving	2/2/2024	2/29/2024	5	20	
5	Architectural Coating	Architectural Coating	3/1/2024	3/28/2024	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 176.72

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	3.20	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	3.20	97	0.37
Grading	Excavators	2	3.90	158	0.38
Grading	Graders	1	3.90	187	0.41
Grading	Rubber Tired Dozers	1	3.90	247	0.40
Grading	Scrapers	2	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	2	3.90	97	0.37
Building Construction	Cranes	5	9.40	231	0.29
Building Construction	Forklifts	15	10.80	89	0.20
Building Construction	Generator Sets	5	10.80	5	0.74

Building Construction	Tractors/Loaders/Backhoes	15	9.40	97	0.37
Building Construction	Welders	5	10.80	46	0.45
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	45	476.00	186.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0266	0.2752	0.1824	3.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212
Total	0.0266	0.2752	0.1824	3.8000e-004	0.1807	0.0127	0.1933	0.0993	0.0117	0.1110	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-003	1.3700e-003	0.0140	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.3717	4.3717	9.0000e-005	0.0000	4.3741
Total	2.0000e-003	1.3700e-003	0.0140	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.3717	4.3717	9.0000e-005	0.0000	4.3741

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					0.0813	0.0000	0.0813	0.0447	0.0000	0.0447	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	3.8000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	3.8000e-004	0.0813	0.0000	0.0813	0.0447	0.0000	0.0447	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-003	1.3700e-003	0.0140	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.3717	4.3717	9.0000e-005	0.0000	4.3741
Total	2.0000e-003	1.3700e-003	0.0140	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.3717	4.3717	9.0000e-005	0.0000	4.3741

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3066	0.0000	0.3066	0.1271	0.0000	0.1271	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1174	1.2199	0.9914	2.1900e-003		0.0504	0.0504		0.0463	0.0463	0.0000	192.7479	192.7479	0.0623	0.0000	194.3063
Total	0.1174	1.2199	0.9914	2.1900e-003	0.3066	0.0504	0.3569	0.1271	0.0463	0.1734	0.0000	192.7479	192.7479	0.0623	0.0000	194.3063

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	6.4400e-003	4.4000e-003	0.0450	1.6000e-004	0.0180	1.1000e-004	0.0181	4.7700e-003	1.0000e-004	4.8700e-003	0.0000	14.0867	14.0867	3.0000e-004	0.0000	14.0942
Total	6.4400e-003	4.4000e-003	0.0450	1.6000e-004	0.0180	1.1000e-004	0.0181	4.7700e-003	1.0000e-004	4.8700e-003	0.0000	14.0867	14.0867	3.0000e-004	0.0000	14.0942

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					0.1380	0.0000	0.1380	0.0572	0.0000	0.0572	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0132	0.0571	0.4832	2.1900e-003		1.7600e-003	1.7600e-003		1.7600e-003	1.7600e-003	0.0000	94.2743	94.2743	0.0305	0.0000	95.0365
Total	0.0132	0.0571	0.4832	2.1900e-003	0.1380	1.7600e-003	0.1397	0.0572	1.7600e-003	0.0590	0.0000	94.2743	94.2743	0.0305	0.0000	95.0365

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	6.4400e-003	4.4000e-003	0.0450	1.6000e-004	0.0180	1.1000e-004	0.0181	4.7700e-003	1.0000e-004	4.8700e-003	0.0000	14.0867	14.0867	3.0000e-004	0.0000	14.0942
Total	6.4400e-003	4.4000e-003	0.0450	1.6000e-004	0.0180	1.1000e-004	0.0181	4.7700e-003	1.0000e-004	4.8700e-003	0.0000	14.0867	14.0867	3.0000e-004	0.0000	14.0942

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3666	3.3757	3.6383	5.8900e-003		0.1654	0.1654		0.1534	0.1534	0.0000	506.9777	506.9777	0.1523	0.0000	510.7842
Total	0.3666	3.3757	3.6383	5.8900e-003		0.1654	0.1654		0.1534	0.1534	0.0000	506.9777	506.9777	0.1523	0.0000	510.7842

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	0.6113	0.1314	2.0100e-003	0.0478	5.9000e-004	0.0484	0.0138	5.7000e-004	0.0144	0.0000	190.5760	190.5760	8.2600e-003	0.0000	190.7824
Worker	0.0909	0.0621	0.6352	2.2000e-003	0.2535	1.5000e-003	0.2550	0.0674	1.3800e-003	0.0688	0.0000	198.8463	198.8463	4.2100e-003	0.0000	198.9515
Total	0.1075	0.6734	0.7666	4.2100e-003	0.3013	2.0900e-003	0.3034	0.0812	1.9500e-003	0.0831	0.0000	389.4223	389.4223	0.0125	0.0000	389.7339

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	0.0179	0.0776	0.6567	5.8900e-003		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	128.0687	128.0687	0.0414	0.0000	129.1042
Total	0.0179	0.0776	0.6567	5.8900e-003		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	128.0687	128.0687	0.0414	0.0000	129.1042

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	0.6113	0.1314	2.0100e-003	0.0478	5.9000e-004	0.0484	0.0138	5.7000e-004	0.0144	0.0000	190.5760	190.5760	8.2600e-003	0.0000	190.7824
Worker	0.0909	0.0621	0.6352	2.2000e-003	0.2535	1.5000e-003	0.2550	0.0674	1.3800e-003	0.0688	0.0000	198.8463	198.8463	4.2100e-003	0.0000	198.9515
Total	0.1075	0.6734	0.7666	4.2100e-003	0.3013	2.0900e-003	0.3034	0.0812	1.9500e-003	0.0831	0.0000	389.4223	389.4223	0.0125	0.0000	389.7339

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0958	0.8799	1.0096	1.6400e-003		0.0406	0.0406		0.0376	0.0376	0.0000	141.5179	141.5179	0.0424	0.0000	142.5778
Total	0.0958	0.8799	1.0096	1.6400e-003		0.0406	0.0406		0.0376	0.0376	0.0000	141.5179	141.5179	0.0424	0.0000	142.5778

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4600e-003	0.1691	0.0346	5.6000e-004	0.0133	1.6000e-004	0.0135	3.8600e-003	1.6000e-004	4.0100e-003	0.0000	52.7771	52.7771	2.2700e-003	0.0000	52.8339
Worker	0.0237	0.0156	0.1635	5.9000e-004	0.0707	4.1000e-004	0.0712	0.0188	3.7000e-004	0.0192	0.0000	53.1038	53.1038	1.0500e-003	0.0000	53.1301
Total	0.0282	0.1847	0.1981	1.1500e-003	0.0841	5.7000e-004	0.0847	0.0227	5.3000e-004	0.0232	0.0000	105.8809	105.8809	3.3200e-003	0.0000	105.9640

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	5.0000e-003	0.0217	0.1833	1.6400e-003		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	35.7393	35.7393	0.0116	0.0000	36.0283
Total	5.0000e-003	0.0217	0.1833	1.6400e-003		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	35.7393	35.7393	0.0116	0.0000	36.0283

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4600e-003	0.1691	0.0346	5.6000e-004	0.0133	1.6000e-004	0.0135	3.8600e-003	1.6000e-004	4.0100e-003	0.0000	52.7771	52.7771	2.2700e-003	0.0000	52.8339
Worker	0.0237	0.0156	0.1635	5.9000e-004	0.0707	4.1000e-004	0.0712	0.0188	3.7000e-004	0.0192	0.0000	53.1038	53.1038	1.0500e-003	0.0000	53.1301
Total	0.0282	0.1847	0.1981	1.1500e-003	0.0841	5.7000e-004	0.0847	0.0227	5.3000e-004	0.0232	0.0000	105.8809	105.8809	3.3200e-003	0.0000	105.9640

3.5 Paving - 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	0.0198	0.1905	0.2925	4.6000e-004		9.3700e-003	9.3700e-003		8.6200e-003	8.6200e-003	0.0000	40.0531	40.0531	0.0130	0.0000	40.3769
Paving	3.2500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0230	0.1905	0.2925	4.6000e-004		9.3700e-003	9.3700e-003		8.6200e-003	8.6200e-003	0.0000	40.0531	40.0531	0.0130	0.0000	40.3769

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	1.2500e-003	8.2000e-004	8.5900e-003	3.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.7891	2.7891	6.0000e-005	0.0000	2.7905
Total	1.2500e-003	8.2000e-004	8.5900e-003	3.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.7891	2.7891	6.0000e-005	0.0000	2.7905

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	0.0000	0.0000	0.0000	4.6000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	3.2500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.2500e-003	0.0000	0.0000	4.6000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	1.2500e-003	8.2000e-004	8.5900e-003	3.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.7891	2.7891	6.0000e-005	0.0000	2.7905
Total	1.2500e-003	8.2000e-004	8.5900e-003	3.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.7891	2.7891	6.0000e-005	0.0000	2.7905

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr									MT/yr						
Archit. Coating	0.4760					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	3.6200e-003	0.0244	0.0362	6.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	5.1065	5.1065	2.9000e-004	0.0000	5.1137
Total	0.4796	0.0244	0.0362	6.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	5.1065	5.1065	2.9000e-004	0.0000	5.1137

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	3.9500e-003	2.5900e-003	0.0272	1.0000e-004	0.0118	7.0000e-005	0.0118	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	8.8320	8.8320	1.7000e-004	0.0000	8.8364
Total	3.9500e-003	2.5900e-003	0.0272	1.0000e-004	0.0118	7.0000e-005	0.0118	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	8.8320	8.8320	1.7000e-004	0.0000	8.8364

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	0.4760					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	6.0000e-005		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.4760	0.0000	0.0000	6.0000e-005		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	3.9500e-003	2.5900e-003	0.0272	1.0000e-004	0.0118	7.0000e-005	0.0118	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	8.8320	8.8320	1.7000e-004	0.0000	8.8364
Total	3.9500e-003	2.5900e-003	0.0272	1.0000e-004	0.0118	7.0000e-005	0.0118	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	8.8320	8.8320	1.7000e-004	0.0000	8.8364

4.0 Operational Detail - Mobile

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 Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Parking Lot	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Unrefrigerated Warehouse-No Rail	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251
Unmitigated	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251
Total	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251
Total	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251

7.0 Water Detail

7.1 Mitigation Measures Water

	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 Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000

Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

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

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 2 (Suvik Farms Parcels) - MITIGATED Construction Only - San Joaquin County, Summer

**Tracy Alliance Phase 2 (Suvik Farms Parcels) - MITIGATED Construction Only
San Joaquin County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 3

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4, CalEEMod Note 9

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition -

Grading -

Architectural Coating - CalEEMod Note 10

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021 & CalEEMod Note 9

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	10.00
tblArchitecturalCoating	EF_Parking	150.00	10.00
tblArchitecturalCoating	EF_Residential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Residential_Interior	150.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	21.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	30.00	50.00
tblConstructionPhase	NumDays	75.00	145.00
tblConstructionPhase	NumDays	740.00	110.00
tblConstructionPhase	NumDays	55.00	20.00
tblConstructionPhase	NumDays	55.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	HorsePower	84.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	962.24	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	236,721,375.00	0.00

2.0 Emissions Summary

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					
2023	12.8806	110.8021	118.9541	0.2726	11.7035	4.5896	16.2931	4.0332	4.2527	8.0143	0.0000	26,661.59 51	26,661.59 51	5.1761	0.0000	26,790.99 72
2024	48.3835	88.4914	102.6182	0.2372	7.2198	3.4288	10.6486	1.9406	3.1806	5.1212	0.0000	23,223.58 73	23,223.58 73	4.1994	0.0000	23,328.57 10
Maximum	48.3835	110.8021	118.9541	0.2726	11.7035	4.5896	16.2931	4.0332	4.2527	8.0143	0.0000	26,661.59 51	26,661.59 51	5.1761	0.0000	26,790.99 72

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.3332	18.0634	42.6022	0.2726	9.3780	0.1296	9.5076	2.7973	0.1261	2.9234	0.0000	15,450.99 06	15,450.99 06	1.8505	0.0000	15,497.25 31
2024	48.0220	16.9716	33.7594	0.2372	7.2198	0.1027	7.3225	1.9406	0.0994	2.0400	0.0000	13,506.84 96	13,506.84 96	1.3668	0.0000	13,541.01 88
Maximum	48.0220	18.0634	42.6022	0.2726	9.3780	0.1296	9.5076	2.7973	0.1261	2.9234	0.0000	15,450.99 06	15,450.99 06	1.8505	0.0000	15,497.25 31

	ROG	NOx	CO	SO2	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	16.17	82.42	65.54	0.00	12.29	97.10	37.53	20.69	96.97	62.21	0.00	41.95	41.95	65.68	0.00	42.06

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	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
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
Total	0.0124	1.2200e-003	0.1346	1.0000e-005	0.0000	4.8000e-004	4.8000e-004	0.0000	4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004	0.0000	0.3079

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	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
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
Total	0.0124	1.2200e-003	0.1346	1.0000e-005	0.0000	4.8000e-004	4.8000e-004	0.0000	4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004	0.0000	0.3079

	ROG	NOx	CO	SO2	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	Site Preparation	4/3/2023	6/9/2023	5	50	
2	Grading	Grading	6/10/2023	12/29/2023	5	145	
3	Building Construction	Building Construction	9/1/2023	2/1/2024	5	110	
4	Paving	Paving	2/2/2024	2/29/2024	5	20	

5	Architectural Coating	Architectural Coating	3/1/2024	3/28/2024	5	20
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Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 176.72

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	3.20	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	3.20	97	0.37
Grading	Excavators	2	3.90	158	0.38
Grading	Graders	1	3.90	187	0.41
Grading	Rubber Tired Dozers	1	3.90	247	0.40
Grading	Scrapers	2	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	2	3.90	97	0.37
Building Construction	Cranes	5	9.40	231	0.29
Building Construction	Forklifts	15	10.80	89	0.20
Building Construction	Generator Sets	5	10.80	5	0.74
Building Construction	Tractors/Loaders/Backhoes	15	9.40	97	0.37
Building Construction	Welders	5	10.80	46	0.45
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

Building Construction	45	476.00	186.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2265	0.0000	7.2265	3.9723	0.0000	3.9723			0.0000			0.0000
Off-Road	1.0638	11.0097	7.2977	0.0152		0.5064	0.5064		0.4659	0.4659		1,474.923	1,474.923	0.4770		1,486.848
												2	2			7
Total	1.0638	11.0097	7.2977	0.0152	7.2265	0.5064	7.7329	3.9723	0.4659	4.4382		1,474.923	1,474.923	0.4770		1,486.848
												2	2			7

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	0.0495	0.6469	2.1000e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		209.7824	209.7824	4.5100e-003		209.8953
Total	0.0856	0.0495	0.6469	2.1000e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		209.7824	209.7824	4.5100e-003		209.8953

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					3.2519	0.0000	3.2519	1.7875	0.0000	1.7875			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0152		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0152	3.2519	0.0000	3.2519	1.7875	0.0000	1.7875	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0495	0.6469	2.1000e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		209.7824	209.7824	4.5100e-003		209.8953
Total	0.0856	0.0495	0.6469	2.1000e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		209.7824	209.7824	4.5100e-003		209.8953

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2283	0.0000	4.2283	1.7533	0.0000	1.7533			0.0000			0.0000
Off-Road	1.6193	16.8264	13.6749	0.0303		0.6944	0.6944		0.6389	0.6389		2,930.5954	2,930.5954	0.9478		2,954.2907
Total	1.6193	16.8264	13.6749	0.0303	4.2283	0.6944	4.9227	1.7533	0.6389	2.3922		2,930.5954	2,930.5954	0.9478		2,954.2907

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	0.0951	0.0550	0.7188	2.3400e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		233.0916	233.0916	5.0200e-003		233.2170
Total	0.0951	0.0550	0.7188	2.3400e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		233.0916	233.0916	5.0200e-003		233.2170

Mitigated Construction On-Site

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

Fugitive Dust					1.9027	0.0000	1.9027	0.7890	0.0000	0.7890			0.0000			0.0000
Off-Road	0.1818	0.7876	6.6644	0.0303		0.0242	0.0242		0.0242	0.0242	0.0000	1,433.3756	1,433.3756	0.4636		1,444.9651
Total	0.1818	0.7876	6.6644	0.0303	1.9027	0.0242	1.9270	0.7890	0.0242	0.8132	0.0000	1,433.3756	1,433.3756	0.4636		1,444.9651

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	0.0951	0.0550	0.7188	2.3400e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		233.0916	233.0916	5.0200e-003		233.2170
Total	0.0951	0.0550	0.7188	2.3400e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		233.0916	233.0916	5.0200e-003		233.2170

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.5264	78.5047	84.6123	0.1370		3.8453	3.8453		3.5674	3.5674		12,996.4478	12,996.4478	3.9032		13,094.0268
Total	8.5264	78.5047	84.6123	0.1370		3.8453	3.8453		3.5674	3.5674		12,996.4478	12,996.4478	3.9032		13,094.0268

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	0.3769	14.1083	2.8417	0.0473	1.1398	0.0136	1.1534	0.3282	0.0130	0.3412		4,953.8807	4,953.8807	0.2007		4,958.8990
Worker	2.2630	1.3078	17.1065	0.0557	6.0800	0.0348	6.1148	1.6124	0.0320	1.6444		5,547.5797	5,547.5797	0.1194		5,550.5637
Total	2.6399	15.4161	19.9481	0.1030	7.2198	0.0484	7.2682	1.9406	0.0450	1.9856		10,501.4603	10,501.4603	0.3201		10,509.4627

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	0.4165	1.8047	15.2709	0.1370		0.0555	0.0555		0.0555	0.0555	0.0000	3,283.0631	3,283.0631	1.0618		3,309.6083
Total	0.4165	1.8047	15.2709	0.1370		0.0555	0.0555		0.0555	0.0555	0.0000	3,283.0631	3,283.0631	1.0618		3,309.6083

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	0.0000	0.0000
Vendor	0.3769	14.1083	2.8417	0.0473	1.1398	0.0136	1.1534	0.3282	0.0130	0.3412		4,953.8807	4,953.8807	0.2007		4,958.8990
Worker	2.2630	1.3078	17.1065	0.0557	6.0800	0.0348	6.1148	1.6124	0.0320	1.6444		5,547.5797	5,547.5797	0.1194		5,550.5637
Total	2.6399	15.4161	19.9481	0.1030	7.2198	0.0484	7.2682	1.9406	0.0450	1.9856		10,501.4603	10,501.4603	0.3201		10,509.4627

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	7.9852	73.3245	84.1298	0.1371		3.3816	3.3816		3.1367	3.1367		12,999.7309	12,999.7309	3.8944		13,097.0900
Total	7.9852	73.3245	84.1298	0.1371		3.3816	3.3816		3.1367	3.1367		12,999.7309	12,999.7309	3.8944		13,097.0900

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	0.3639	13.9910	2.6812	0.0469	1.1398	0.0134	1.1532	0.3282	0.0128	0.3410		4,915.2933	4,915.2933	0.1981		4,920.2457
Worker	2.1135	1.1758	15.8073	0.0532	6.0800	0.0338	6.1138	1.6124	0.0311	1.6434		5,308.5631	5,308.5631	0.1069		5,311.2353
Total	2.4774	15.1669	18.4885	0.1002	7.2198	0.0472	7.2670	1.9406	0.0439	1.9845		10,223.8564	10,223.8564	0.3050		10,231.4810

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	0.4165	1.8047	15.2709	0.1371		0.0555	0.0555		0.0555	0.0555	0.0000	3,282.993 1	3,282.993 1	1.0618		3,309.537 8
Total	0.4165	1.8047	15.2709	0.1371		0.0555	0.0555		0.0555	0.0555	0.0000	3,282.993 1	3,282.993 1	1.0618		3,309.537 8

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	0.3639	13.9910	2.6812	0.0469	1.1398	0.0134	1.1532	0.3282	0.0128	0.3410		4,915.293 3	4,915.293 3	0.1981		4,920.245 7
Worker	2.1135	1.1758	15.8073	0.0532	6.0800	0.0338	6.1138	1.6124	0.0311	1.6434		5,308.563 1	5,308.563 1	0.1069		5,311.235 3
Total	2.4774	15.1669	18.4885	0.1002	7.2198	0.0472	7.2670	1.9406	0.0439	1.9845		10,223.85 64	10,223.85 64	0.3050		10,231.48 10

3.5 Paving - 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
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Category	lb/day										lb/day				
Off-Road	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621	4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	0.3249					0.0000	0.0000		0.0000	0.0000		0.0000			0.0000
Total	2.3012	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621	4,415.094 4	4,415.094 4	1.4279		4,450.792 7

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	0.1332	0.0741	0.9963	3.3600e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		334.5733	334.5733	6.7400e-003		334.7417
Total	0.1332	0.0741	0.9963	3.3600e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		334.5733	334.5733	6.7400e-003		334.7417

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	0.0000	0.0000	0.0000	0.0456		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Paving	0.3249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3249	0.0000	0.0000	0.0456		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.1332	0.0741	0.9963	3.3600e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		334.5733	334.5733	6.7400e-003		334.7417
Total	0.1332	0.0741	0.9963	3.3600e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		334.5733	334.5733	6.7400e-003		334.7417

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	47.6002					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	47.9617	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

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
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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	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	0.4218	0.2347	3.1548	0.0106	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280	0.3280	1,059.4821	1,059.4821	0.0213	0.0213	1,060.0155
Total	0.4218	0.2347	3.1548	0.0106	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280	0.3280	1,059.4821	1,059.4821	0.0213	0.0213	1,060.0155

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	47.6002					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	5.9400e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	47.6002	0.0000	0.0000	5.9400e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.4218	0.2347	3.1548	0.0106	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		1,059.4821	1,059.4821	0.0213	0.0213	1,060.0155

Total	0.4218	0.2347	3.1548	0.0106	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		1,059.4821	1,059.4821	0.0213		1,060.0155
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4.0 Operational Detail - Mobile

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 Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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 Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Parking Lot	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Unrefrigerated Warehouse-No Rail	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722

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

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 Non-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

Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0124	1.2200e-003	0.1346	1.0000e-005	4.8000e-004	4.8000e-004	4.8000e-004	4.8000e-004	4.8000e-004	4.8000e-004	0.2890	0.2890	0.2890	7.5000e-004		0.3079
Unmitigated	0.0124	1.2200e-003	0.1346	1.0000e-005	4.8000e-004	4.8000e-004	4.8000e-004	4.8000e-004	4.8000e-004	4.8000e-004	0.2890	0.2890	0.2890	7.5000e-004		0.3079

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
Total	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
Total	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcels) - MITIGATED Construction Only - San Joaquin County, Winter

**Tracy Alliance Phase 2 (Suvik Farms Parcels) - MITIGATED Construction Only
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4, CalEEMod Note 9
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition -

Grading -

Architectural Coating - CalEEMod Note 10

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021 & CalEEMod Note 9

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	10.00
tblArchitecturalCoating	EF_Parking	150.00	10.00
tblArchitecturalCoating	EF_Residential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Residential_Interior	150.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	21.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	30.00	50.00
tblConstructionPhase	NumDays	75.00	145.00
tblConstructionPhase	NumDays	740.00	110.00
tblConstructionPhase	NumDays	55.00	20.00
tblConstructionPhase	NumDays	55.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	HorsePower	84.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	962.24	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	236,721,375.00	0.00

2.0 Emissions Summary

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					
2023	12.9793	111.1444	116.7155	0.2648	11.7035	4.5900	16.2935	4.0332	4.2531	8.0147	0.0000	25,881.8704	25,881.8704	5.1864	0.0000	26,011.5309
2024	48.3983	88.7893	100.6226	0.2300	7.2198	3.4292	10.6490	1.9406	3.1810	5.1216	0.0000	22,497.4298	22,497.4298	4.2115	0.0000	22,602.7166
Maximum	48.3983	111.1444	116.7155	0.2648	11.7035	4.5900	16.2935	4.0332	4.2531	8.0147	0.0000	25,881.8704	25,881.8704	5.1864	0.0000	26,011.5309

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.4318	18.4057	40.3636	0.2648	9.3780	0.1300	9.5080	2.7973	0.1265	2.9238	0.0000	14,671.2659	14,671.2659	1.8608	0.0000	14,717.7868
2024	48.0368	17.2695	31.7638	0.2300	7.2198	0.1031	7.3229	1.9406	0.0998	2.0404	0.0000	12,780.6921	12,780.6921	1.3789	0.0000	12,815.1644
Maximum	48.0368	18.4057	40.3636	0.2648	9.3780	0.1300	9.5080	2.7973	0.1265	2.9238	0.0000	14,671.2659	14,671.2659	1.8608	0.0000	14,717.7868

	ROG	NOx	CO	SO2	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	16.14	82.16	66.81	0.00	12.29	97.09	37.53	20.69	96.96	62.21	0.00	43.26	43.26	65.53	0.00	43.36

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	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
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
Total	0.0124	1.2200e-003	0.1346	1.0000e-005	0.0000	4.8000e-004	4.8000e-004	0.0000	4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004	0.0000	0.3079

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	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
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
Total	0.0124	1.2200e-003	0.1346	1.0000e-005	0.0000	4.8000e-004	4.8000e-004	0.0000	4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004	0.0000	0.3079

	ROG	NOx	CO	SO2	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	Site Preparation	4/3/2023	6/9/2023	5	50	
2	Grading	Grading	6/10/2023	12/29/2023	5	145	
3	Building Construction	Building Construction	9/1/2023	2/1/2024	5	110	
4	Paving	Paving	2/2/2024	2/29/2024	5	20	

5	Architectural Coating	Architectural Coating	3/1/2024	3/28/2024	5	20
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Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 176.72

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	3.20	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	3.20	97	0.37
Grading	Excavators	2	3.90	158	0.38
Grading	Graders	1	3.90	187	0.41
Grading	Rubber Tired Dozers	1	3.90	247	0.40
Grading	Scrapers	2	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	2	3.90	97	0.37
Building Construction	Cranes	5	9.40	231	0.29
Building Construction	Forklifts	15	10.80	89	0.20
Building Construction	Generator Sets	5	10.80	5	0.74
Building Construction	Tractors/Loaders/Backhoes	15	9.40	97	0.37
Building Construction	Welders	5	10.80	46	0.45
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

Building Construction	45	476.00	186.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2265	0.0000	7.2265	3.9723	0.0000	3.9723			0.0000			0.0000
Off-Road	1.0638	11.0097	7.2977	0.0152		0.5064	0.5064		0.4659	0.4659		1,474.923	1,474.923	0.4770		1,486.848
												2	2			7
Total	1.0638	11.0097	7.2977	0.0152	7.2265	0.5064	7.7329	3.9723	0.4659	4.4382		1,474.923	1,474.923	0.4770		1,486.848
												2	2			7

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	0.0883	0.0600	0.5483	1.8800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		187.3971	187.3971	3.9700e-003		187.4964
Total	0.0883	0.0600	0.5483	1.8800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		187.3971	187.3971	3.9700e-003		187.4964

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					3.2519	0.0000	3.2519	1.7875	0.0000	1.7875			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0152		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0152	3.2519	0.0000	3.2519	1.7875	0.0000	1.7875	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0883	0.0600	0.5483	1.8800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		187.3971	187.3971	3.9700e-003		187.4964
Total	0.0883	0.0600	0.5483	1.8800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		187.3971	187.3971	3.9700e-003		187.4964

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2283	0.0000	4.2283	1.7533	0.0000	1.7533			0.0000			0.0000
Off-Road	1.6193	16.8264	13.6749	0.0303		0.6944	0.6944		0.6389	0.6389		2,930.5954	2,930.5954	0.9478		2,954.2907
Total	1.6193	16.8264	13.6749	0.0303	4.2283	0.6944	4.9227	1.7533	0.6389	2.3922		2,930.5954	2,930.5954	0.9478		2,954.2907

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	0.0981	0.0667	0.6092	2.0900e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		208.2190	208.2190	4.4100e-003		208.3293
Total	0.0981	0.0667	0.6092	2.0900e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		208.2190	208.2190	4.4100e-003		208.3293

Mitigated Construction On-Site

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

Fugitive Dust					1.9027	0.0000	1.9027	0.7890	0.0000	0.7890			0.0000			0.0000
Off-Road	0.1818	0.7876	6.6644	0.0303		0.0242	0.0242		0.0242	0.0242	0.0000	1,433.3756	1,433.3756	0.4636		1,444.9651
Total	0.1818	0.7876	6.6644	0.0303	1.9027	0.0242	1.9270	0.7890	0.0242	0.8132	0.0000	1,433.3756	1,433.3756	0.4636		1,444.9651

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	0.0981	0.0667	0.6092	2.0900e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		208.2190	208.2190	4.4100e-003		208.3293
Total	0.0981	0.0667	0.6092	2.0900e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		208.2190	208.2190	4.4100e-003		208.3293

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.5264	78.5047	84.6123	0.1370		3.8453	3.8453		3.5674	3.5674		12,996.4478	12,996.4478	3.9032		13,094.0268
Total	8.5264	78.5047	84.6123	0.1370		3.8453	3.8453		3.5674	3.5674		12,996.4478	12,996.4478	3.9032		13,094.0268

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	0.4001	14.1589	3.3191	0.0458	1.1398	0.0140	1.1538	0.3282	0.0134	0.3416		4,790.995 3	4,790.995 3	0.2261		4,796.647 4
Worker	2.3354	1.5878	14.5000	0.0497	6.0800	0.0348	6.1148	1.6124	0.0320	1.6444		4,955.613 0	4,955.613 0	0.1050		4,958.236 7
Total	2.7355	15.7467	17.8191	0.0955	7.2198	0.0488	7.2686	1.9406	0.0454	1.9860		9,746.608 3	9,746.608 3	0.3310		9,754.884 1

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	0.4165	1.8047	15.2709	0.1370		0.0555	0.0555		0.0555	0.0555	0.0000	3,283.063 1	3,283.063 1	1.0618		3,309.608 3
Total	0.4165	1.8047	15.2709	0.1370		0.0555	0.0555		0.0555	0.0555	0.0000	3,283.063 1	3,283.063 1	1.0618		3,309.608 3

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	0.0000	0.0000
Vendor	0.4001	14.1589	3.3191	0.0458	1.1398	0.0140	1.1538	0.3282	0.0134	0.3416		4,790.9953	4,790.9953	0.2261		4,796.6474
Worker	2.3354	1.5878	14.5000	0.0497	6.0800	0.0348	6.1148	1.6124	0.0320	1.6444		4,955.6130	4,955.6130	0.1050		4,958.2367
Total	2.7355	15.7467	17.8191	0.0955	7.2198	0.0488	7.2686	1.9406	0.0454	1.9860		9,746.6083	9,746.6083	0.3310		9,754.8841

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	7.9852	73.3245	84.1298	0.1371		3.3816	3.3816		3.1367	3.1367		12,999.7309	12,999.7309	3.8944		13,097.0900
Total	7.9852	73.3245	84.1298	0.1371		3.3816	3.3816		3.1367	3.1367		12,999.7309	12,999.7309	3.8944		13,097.0900

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	0.3861	14.0380	3.1352	0.0454	1.1398	0.0138	1.1536	0.3282	0.0132	0.3414		4,755.2740	4,755.2740	0.2233		4,760.8564
Worker	2.1877	1.4267	13.3577	0.0476	6.0800	0.0338	6.1138	1.6124	0.0311	1.6434		4,742.4249	4,742.4249	0.0938		4,744.7703
Total	2.5738	15.4647	16.4929	0.0930	7.2198	0.0475	7.2673	1.9406	0.0443	1.9848		9,497.6989	9,497.6989	0.3171		9,505.6266

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	0.4165	1.8047	15.2709	0.1371		0.0555	0.0555		0.0555	0.0555	0.0000	3,282.9931	3,282.9931	1.0618		3,309.5378
Total	0.4165	1.8047	15.2709	0.1371		0.0555	0.0555		0.0555	0.0555	0.0000	3,282.9931	3,282.9931	1.0618		3,309.5378

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	0.3861	14.0380	3.1352	0.0454	1.1398	0.0138	1.1536	0.3282	0.0132	0.3414		4,755.2740	4,755.2740	0.2233		4,760.8564
Worker	2.1877	1.4267	13.3577	0.0476	6.0800	0.0338	6.1138	1.6124	0.0311	1.6434		4,742.4249	4,742.4249	0.0938		4,744.7703
Total	2.5738	15.4647	16.4929	0.0930	7.2198	0.0475	7.2673	1.9406	0.0443	1.9848		9,497.6989	9,497.6989	0.3171		9,505.6266

3.5 Paving - 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
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Category	lb/day										lb/day				
Off-Road	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621	4,415.0944	4,415.0944	1.4279		4,450.7927
Paving	0.3249					0.0000	0.0000		0.0000	0.0000		0.0000			0.0000
Total	2.3012	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.0944	4,415.0944	1.4279	4,450.7927

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	0.1379	0.0899	0.8419	3.0000e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		298.8923	298.8923	5.9100e-003		299.0401
Total	0.1379	0.0899	0.8419	3.0000e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		298.8923	298.8923	5.9100e-003		299.0401

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	0.0000	0.0000	0.0000	0.0456		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Paving	0.3249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3249	0.0000	0.0000	0.0456		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.1379	0.0899	0.8419	3.0000e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		298.8923	298.8923	5.9100e-003		299.0401
Total	0.1379	0.0899	0.8419	3.0000e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		298.8923	298.8923	5.9100e-003		299.0401

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	47.6002					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	47.9617	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

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
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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	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	0.4366	0.2848	2.6659	9.4900e-003	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280	0.3280	946.4924	946.4924	0.0187	0.0187	946.9605
Total	0.4366	0.2848	2.6659	9.4900e-003	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280	0.3280	946.4924	946.4924	0.0187	0.0187	946.9605

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	47.6002					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	5.9400e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	47.6002	0.0000	0.0000	5.9400e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.4366	0.2848	2.6659	9.4900e-003	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		946.4924	946.4924	0.0187		946.9605

Total	0.4366	0.2848	2.6659	9.4900e-003	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		946.4924	946.4924	0.0187		946.9605
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4.0 Operational Detail - Mobile

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 Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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 Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Parking Lot	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Unrefrigerated Warehouse-No Rail	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722

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

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 Non-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

Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
Unmitigated	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
Total	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
Total	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcels) - Unmitigated Construction Only - San Joaquin County, Annual

**Tracy Alliance Phase 2 (Suvik Farms Parcels) - Unmitigated Construction Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	30.00	50.00
tblConstructionPhase	NumDays	75.00	145.00
tblConstructionPhase	NumDays	740.00	110.00
tblConstructionPhase	NumDays	55.00	20.00
tblConstructionPhase	NumDays	55.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	962.24	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	236,721,375.00	0.00

2.0 Emissions Summary

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					
2023	0.7153	6.3382	6.7028	0.0148	0.8120	0.2678	1.0799	0.3139	0.2507	0.5645	0.0000	1,305.1085	1,305.1085	0.2455	0.0000	1,311.2457
2024	7.3189	1.4890	1.8690	3.9600e-003	0.0996	0.0608	0.1604	0.0268	0.0571	0.0838	0.0000	349.9613	349.9613	0.0611	0.0000	351.4874
Maximum	7.3189	6.3382	6.7028	0.0148	0.8120	0.2678	1.0799	0.3139	0.2507	0.5645	0.0000	1,305.1085	1,305.1085	0.2455	0.0000	1,311.2457

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					
2023	0.7153	6.3382	6.7028	0.0148	0.5441	0.2678	0.8119	0.1893	0.2507	0.4400	0.0000	1,305.1075	1,305.1075	0.2455	0.0000	1,311.2446
2024	7.3189	1.4890	1.8690	3.9600e-003	0.0996	0.0608	0.1604	0.0268	0.0571	0.0838	0.0000	349.9610	349.9610	0.0610	0.0000	351.4871
Maximum	7.3189	6.3382	6.7028	0.0148	0.5441	0.2678	0.8119	0.1893	0.2507	0.4400	0.0000	1,305.1075	1,305.1075	0.2455	0.0000	1,311.2446

	ROG	NOx	CO	SO2	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	29.40	0.00	21.61	36.56	0.00	19.21	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	4-3-2023	7-2-2023	0.4492	0.4492
2	7-3-2023	10-2-2023	2.0454	2.0454
3	10-3-2023	1-2-2024	4.7165	4.7165
4	1-3-2024	4-2-2024	8.6601	8.6601
		Highest	8.6601	8.6601

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	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251
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
Total	1.1200e-003	1.1000e-004	0.0121	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251

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	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251
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
Total	1.1200e-003	1.1000e-004	0.0121	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251

	ROG	NOx	CO	SO2	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	Site Preparation	4/3/2023	6/9/2023	5	50	
2	Grading	Grading	6/10/2023	12/29/2023	5	145	
3	Building Construction	Building Construction	9/1/2023	2/1/2024	5	110	
4	Paving	Paving	2/2/2024	2/29/2024	5	20	
5	Architectural Coating	Architectural Coating	3/1/2024	3/28/2024	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 176.72

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	3.20	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	3.20	97	0.37
Grading	Excavators	2	3.90	158	0.38
Grading	Graders	1	3.90	187	0.41
Grading	Rubber Tired Dozers	1	3.90	247	0.40
Grading	Scrapers	2	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	2	3.90	97	0.37
Building Construction	Cranes	5	9.40	231	0.29
Building Construction	Forklifts	15	10.80	89	0.20
Building Construction	Generator Sets	5	10.80	84	0.74

Building Construction	Tractors/Loaders/Backhoes	15	9.40	97	0.37
Building Construction	Welders	5	10.80	46	0.45
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	45	476.00	186.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.2752	0.1824	3.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212
Total	0.0266	0.2752	0.1824	3.8000e-004	0.1807	0.0127	0.1933	0.0993	0.0117	0.1110	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-003	1.3700e-003	0.0140	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.3717	4.3717	9.0000e-005	0.0000	4.3741
Total	2.0000e-003	1.3700e-003	0.0140	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.3717	4.3717	9.0000e-005	0.0000	4.3741

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					0.0813	0.0000	0.0813	0.0447	0.0000	0.0447	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.2752	0.1824	3.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211
Total	0.0266	0.2752	0.1824	3.8000e-004	0.0813	0.0127	0.0940	0.0447	0.0117	0.0563	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211

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
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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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-003	1.3700e-003	0.0140	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.3717	4.3717	9.0000e-005	0.0000	4.3741
Total	2.0000e-003	1.3700e-003	0.0140	5.0000e-005	5.5700e-003	3.0000e-005	5.6100e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.3717	4.3717	9.0000e-005	0.0000	4.3741

3.3 Grading - 2023

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Fugitive Dust					0.3066	0.0000	0.3066	0.1271	0.0000	0.1271	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1174	1.2199	0.9914	2.1900e-003		0.0504	0.0504		0.0463	0.0463	0.0000	192.7479	192.7479	0.0623	0.0000	194.3063
Total	0.1174	1.2199	0.9914	2.1900e-003	0.3066	0.0504	0.3569	0.1271	0.0463	0.1734	0.0000	192.7479	192.7479	0.0623	0.0000	194.3063

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										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	6.4400e-003	4.4000e-003	0.0450	1.6000e-004	0.0180	1.1000e-004	0.0181	4.7700e-003	1.0000e-004	4.8700e-003	0.0000	14.0867	14.0867	3.0000e-004	0.0000	14.0942

Total	6.4400e-003	4.4000e-003	0.0450	1.6000e-004	0.0180	1.1000e-004	0.0181	4.7700e-003	1.0000e-004	4.8700e-003	0.0000	14.0867	14.0867	3.0000e-004	0.0000	14.0942
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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					0.1380	0.0000	0.1380	0.0572	0.0000	0.0572	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1174	1.2199	0.9914	2.1900e-003		0.0504	0.0504		0.0463	0.0463	0.0000	192.7477	192.7477	0.0623	0.0000	194.3061
Total	0.1174	1.2199	0.9914	2.1900e-003	0.1380	0.0504	0.1883	0.0572	0.0463	0.1035	0.0000	192.7477	192.7477	0.0623	0.0000	194.3061

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	6.4400e-003	4.4000e-003	0.0450	1.6000e-004	0.0180	1.1000e-004	0.0181	4.7700e-003	1.0000e-004	4.8700e-003	0.0000	14.0867	14.0867	3.0000e-004	0.0000	14.0942
Total	6.4400e-003	4.4000e-003	0.0450	1.6000e-004	0.0180	1.1000e-004	0.0181	4.7700e-003	1.0000e-004	4.8700e-003	0.0000	14.0867	14.0867	3.0000e-004	0.0000	14.0942

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4554	4.1639	4.7034	7.8000e-003		0.2026	0.2026		0.1906	0.1906	0.0000	671.0292	671.0292	0.1595	0.0000	675.0160
Total	0.4554	4.1639	4.7034	7.8000e-003		0.2026	0.2026		0.1906	0.1906	0.0000	671.0292	671.0292	0.1595	0.0000	675.0160

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	0.6113	0.1314	2.0100e-003	0.0478	5.9000e-004	0.0484	0.0138	5.7000e-004	0.0144	0.0000	190.5760	190.5760	8.2600e-003	0.0000	190.7824
Worker	0.0909	0.0621	0.6352	2.2000e-003	0.2535	1.5000e-003	0.2550	0.0674	1.3800e-003	0.0688	0.0000	198.8463	198.8463	4.2100e-003	0.0000	198.9515
Total	0.1075	0.6734	0.7666	4.2100e-003	0.3013	2.0900e-003	0.3034	0.0812	1.9500e-003	0.0831	0.0000	389.4223	389.4223	0.0125	0.0000	389.7339

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	0.4554	4.1639	4.7034	7.8000e-003		0.2026	0.2026		0.1906	0.1906	0.0000	671.0284	671.0284	0.1595	0.0000	675.0152
Total	0.4554	4.1639	4.7034	7.8000e-003		0.2026	0.2026		0.1906	0.1906	0.0000	671.0284	671.0284	0.1595	0.0000	675.0152

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	0.6113	0.1314	2.0100e-003	0.0478	5.9000e-004	0.0484	0.0138	5.7000e-004	0.0144	0.0000	190.5760	190.5760	8.2600e-003	0.0000	190.7824
Worker	0.0909	0.0621	0.6352	2.2000e-003	0.2535	1.5000e-003	0.2550	0.0674	1.3800e-003	0.0688	0.0000	198.8463	198.8463	4.2100e-003	0.0000	198.9515
Total	0.1075	0.6734	0.7666	4.2100e-003	0.3013	2.0900e-003	0.3034	0.0812	1.9500e-003	0.0831	0.0000	389.4223	389.4223	0.0125	0.0000	389.7339

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1189	1.0860	1.3063	2.1800e-003		0.0496	0.0496		0.0466	0.0466	0.0000	187.2997	187.2997	0.0443	0.0000	188.4059
Total	0.1189	1.0860	1.3063	2.1800e-003		0.0496	0.0496		0.0466	0.0466	0.0000	187.2997	187.2997	0.0443	0.0000	188.4059

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4600e-003	0.1691	0.0346	5.6000e-004	0.0133	1.6000e-004	0.0135	3.8600e-003	1.6000e-004	4.0100e-003	0.0000	52.7771	52.7771	2.2700e-003	0.0000	52.8339
Worker	0.0237	0.0156	0.1635	5.9000e-004	0.0707	4.1000e-004	0.0712	0.0188	3.7000e-004	0.0192	0.0000	53.1038	53.1038	1.0500e-003	0.0000	53.1301
Total	0.0282	0.1847	0.1981	1.1500e-003	0.0841	5.7000e-004	0.0847	0.0227	5.3000e-004	0.0232	0.0000	105.8809	105.8809	3.3200e-003	0.0000	105.9640

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	0.1189	1.0860	1.3063	2.1800e-003		0.0496	0.0496		0.0466	0.0466	0.0000	187.2995	187.2995	0.0443	0.0000	188.4057
Total	0.1189	1.0860	1.3063	2.1800e-003		0.0496	0.0496		0.0466	0.0466	0.0000	187.2995	187.2995	0.0443	0.0000	188.4057

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4600e-003	0.1691	0.0346	5.6000e-004	0.0133	1.6000e-004	0.0135	3.8600e-003	1.6000e-004	4.0100e-003	0.0000	52.7771	52.7771	2.2700e-003	0.0000	52.8339

Worker	0.0237	0.0156	0.1635	5.9000e-004	0.0707	4.1000e-004	0.0712	0.0188	3.7000e-004	0.0192	0.0000	53.1038	53.1038	1.0500e-003	0.0000	53.1301
Total	0.0282	0.1847	0.1981	1.1500e-003	0.0841	5.7000e-004	0.0847	0.0227	5.3000e-004	0.0232	0.0000	105.8809	105.8809	3.3200e-003	0.0000	105.9640

3.5 Paving - 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	0.0198	0.1905	0.2925	4.6000e-004		9.3700e-003	9.3700e-003		8.6200e-003	8.6200e-003	0.0000	40.0531	40.0531	0.0130	0.0000	40.3769
Paving	3.2500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0230	0.1905	0.2925	4.6000e-004		9.3700e-003	9.3700e-003		8.6200e-003	8.6200e-003	0.0000	40.0531	40.0531	0.0130	0.0000	40.3769

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	1.2500e-003	8.2000e-004	8.5900e-003	3.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.7891	2.7891	6.0000e-005	0.0000	2.7905
Total	1.2500e-003	8.2000e-004	8.5900e-003	3.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.7891	2.7891	6.0000e-005	0.0000	2.7905

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	0.0198	0.1905	0.2925	4.6000e-004		9.3700e-003	9.3700e-003		8.6200e-003	8.6200e-003	0.0000	40.0530	40.0530	0.0130	0.0000	40.3769
Paving	3.2500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0230	0.1905	0.2925	4.6000e-004		9.3700e-003	9.3700e-003		8.6200e-003	8.6200e-003	0.0000	40.0530	40.0530	0.0130	0.0000	40.3769

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	1.2500e-003	8.2000e-004	8.5900e-003	3.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.7891	2.7891	6.0000e-005	0.0000	2.7905
Total	1.2500e-003	8.2000e-004	8.5900e-003	3.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.7891	2.7891	6.0000e-005	0.0000	2.7905

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.1400					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	3.6200e-003	0.0244	0.0362	6.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	5.1065	5.1065	2.9000e-004	0.0000	5.1137
Total	7.1436	0.0244	0.0362	6.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	5.1065	5.1065	2.9000e-004	0.0000	5.1137

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	3.9500e-003	2.5900e-003	0.0272	1.0000e-004	0.0118	7.0000e-005	0.0118	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	8.8320	8.8320	1.7000e-004	0.0000	8.8364
Total	3.9500e-003	2.5900e-003	0.0272	1.0000e-004	0.0118	7.0000e-005	0.0118	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	8.8320	8.8320	1.7000e-004	0.0000	8.8364

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	7.1400					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6200e-003	0.0244	0.0362	6.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	5.1065	5.1065	2.9000e-004	0.0000	5.1137
Total	7.1436	0.0244	0.0362	6.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	5.1065	5.1065	2.9000e-004	0.0000	5.1137

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	3.9500e-003	2.5900e-003	0.0272	1.0000e-004	0.0118	7.0000e-005	0.0118	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	8.8320	8.8320	1.7000e-004	0.0000	8.8364
Total	3.9500e-003	2.5900e-003	0.0272	1.0000e-004	0.0118	7.0000e-005	0.0118	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	8.8320	8.8320	1.7000e-004	0.0000	8.8364

4.0 Operational Detail - Mobile

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 Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		

Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Parking Lot	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Unrefrigerated Warehouse-No Rail	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Natural Gas 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
Natural Gas 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

5.2 Energy by Land Use - Natural Gas

Unmitigated

	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					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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
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Category	tons/yr									MT/yr						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251
Unmitigated	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251

6.2 Area by SubCategory

Unmitigated

SubCategory	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251
Total	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251

Mitigated

SubCategory	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251

Total	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0251
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7.0 Water Detail

7.1 Mitigation Measures Water

	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 Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 2 (Suvik Farms Parcels) - Unmitigated Construction Only - San Joaquin County, Summer

**Tracy Alliance Phase 2 (Suvik Farms Parcels) - Unmitigated Construction Only
San Joaquin County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 3

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	30.00	50.00
tblConstructionPhase	NumDays	75.00	145.00
tblConstructionPhase	NumDays	740.00	110.00
tblConstructionPhase	NumDays	55.00	20.00
tblConstructionPhase	NumDays	55.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	962.24	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	236,721,375.00	0.00

2.0 Emissions Summary

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					
2023	14.9453	129.1322	143.7224	0.3170	11.7035	5.4554	17.1589	4.0332	5.1185	8.8801	0.0000	30,867.0784	30,867.0784	5.3611	0.0000	31,001.1056
2024	714.7856	105.6671	127.3494	0.2816	7.2198	4.1762	11.3960	1.9406	3.9281	5.8686	0.0000	27,429.0707	27,429.0707	4.3696	0.0000	27,538.3094
Maximum	714.7856	129.1322	143.7224	0.3170	11.7035	5.4554	17.1589	4.0332	5.1185	8.8801	0.0000	30,867.0784	30,867.0784	5.3611	0.0000	31,001.1056

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	14.9453	129.1322	143.7224	0.3170	9.3780	5.4554	14.8334	2.7973	5.1185	7.9158	0.0000	30,867.0784	30,867.0784	5.3611	0.0000	31,001.1056
2024	714.7856	105.6671	127.3494	0.2816	7.2198	4.1762	11.3960	1.9406	3.9281	5.8686	0.0000	27,429.0706	27,429.0706	4.3696	0.0000	27,538.3094
Maximum	714.7856	129.1322	143.7224	0.3170	9.3780	5.4554	14.8334	2.7973	5.1185	7.9158	0.0000	30,867.0784	30,867.0784	5.3611	0.0000	31,001.1056

	ROG	NOx	CO	SO2	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	12.29	0.00	8.14	20.69	0.00	6.54	0.00	0.00	0.00	0.00	0.00	0.00

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	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
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
Total	0.0124	1.2200e-003	0.1346	1.0000e-005	0.0000	4.8000e-004	4.8000e-004	0.0000	4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004	0.0000	0.3079

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	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
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
Total	0.0124	1.2200e-003	0.1346	1.0000e-005	0.0000	4.8000e-004	4.8000e-004	0.0000	4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004	0.0000	0.3079

	ROG	NOx	CO	SO2	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	Site Preparation	4/3/2023	6/9/2023	5	50	
2	Grading	Grading	6/10/2023	12/29/2023	5	145	
3	Building Construction	Building Construction	9/1/2023	2/1/2024	5	110	
4	Paving	Paving	2/2/2024	2/29/2024	5	20	

5	Architectural Coating	Architectural Coating	3/1/2024	3/28/2024	5	20
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Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 176.72

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	3.20	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	3.20	97	0.37
Grading	Excavators	2	3.90	158	0.38
Grading	Graders	1	3.90	187	0.41
Grading	Rubber Tired Dozers	1	3.90	247	0.40
Grading	Scrapers	2	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	2	3.90	97	0.37
Building Construction	Cranes	5	9.40	231	0.29
Building Construction	Forklifts	15	10.80	89	0.20
Building Construction	Generator Sets	5	10.80	84	0.74
Building Construction	Tractors/Loaders/Backhoes	15	9.40	97	0.37
Building Construction	Welders	5	10.80	46	0.45
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

Building Construction	45	476.00	186.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2265	0.0000	7.2265	3.9723	0.0000	3.9723			0.0000			0.0000
Off-Road	1.0638	11.0097	7.2977	0.0152		0.5064	0.5064		0.4659	0.4659		1,474.9232	1,474.9232	0.4770		1,486.8487
Total	1.0638	11.0097	7.2977	0.0152	7.2265	0.5064	7.7329	3.9723	0.4659	4.4382		1,474.9232	1,474.9232	0.4770		1,486.8487

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	0.0495	0.6469	2.1000e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		209.7824	209.7824	4.5100e-003		209.8953

Total	0.0856	0.0495	0.6469	2.1000e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		209.7824	209.7824	4.5100e-003		209.8953
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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					3.2519	0.0000	3.2519	1.7875	0.0000	1.7875			0.0000			0.0000
Off-Road	1.0638	11.0097	7.2977	0.0152		0.5064	0.5064		0.4659	0.4659	0.0000	1,474.9232	1,474.9232	0.4770		1,486.8487
Total	1.0638	11.0097	7.2977	0.0152	3.2519	0.5064	3.7583	1.7875	0.4659	2.2534	0.0000	1,474.9232	1,474.9232	0.4770		1,486.8487

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	0.0495	0.6469	2.1000e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		209.7824	209.7824	4.5100e-003		209.8953
Total	0.0856	0.0495	0.6469	2.1000e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		209.7824	209.7824	4.5100e-003		209.8953

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2283	0.0000	4.2283	1.7533	0.0000	1.7533			0.0000			0.0000
Off-Road	1.6193	16.8264	13.6749	0.0303		0.6944	0.6944		0.6389	0.6389		2,930.5954	2,930.5954	0.9478		2,954.2907
Total	1.6193	16.8264	13.6749	0.0303	4.2283	0.6944	4.9227	1.7533	0.6389	2.3922		2,930.5954	2,930.5954	0.9478		2,954.2907

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	0.0951	0.0550	0.7188	2.3400e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		233.0916	233.0916	5.0200e-003		233.2170
Total	0.0951	0.0550	0.7188	2.3400e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		233.0916	233.0916	5.0200e-003		233.2170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9027	0.0000	1.9027	0.7890	0.0000	0.7890			0.0000			0.0000
Off-Road	1.6193	16.8264	13.6749	0.0303		0.6944	0.6944		0.6389	0.6389	0.0000	2,930.5954	2,930.5954	0.9478		2,954.2907

Total	1.6193	16.8264	13.6749	0.0303	1.9027	0.6944	2.5972	0.7890	0.6389	1.4279	0.0000	2,930.5954	2,930.5954	0.9478		2,954.2907
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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	0.0951	0.0550	0.7188	2.3400e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		233.0916	233.0916	5.0200e-003		233.2170
Total	0.0951	0.0550	0.7188	2.3400e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		233.0916	233.0916	5.0200e-003		233.2170

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	10.5910	96.8348	109.3805	0.1814		4.7111	4.7111		4.4333	4.4333		17,201.9311	17,201.9311	4.0882		17,304.1352
Total	10.5910	96.8348	109.3805	0.1814		4.7111	4.7111		4.4333	4.4333		17,201.9311	17,201.9311	4.0882		17,304.1352

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	0.3769	14.1083	2.8417	0.0473	1.1398	0.0136	1.1534	0.3282	0.0130	0.3412		4,953.8807	4,953.8807	0.2007		4,958.8990
Worker	2.2630	1.3078	17.1065	0.0557	6.0800	0.0348	6.1148	1.6124	0.0320	1.6444		5,547.5797	5,547.5797	0.1194		5,550.5637
Total	2.6399	15.4161	19.9481	0.1030	7.2198	0.0484	7.2682	1.9406	0.0450	1.9856		10,501.4603	10,501.4603	0.3201		10,509.4627

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	10.5910	96.8348	109.3805	0.1814		4.7111	4.7111		4.4333	4.4333	0.0000	17,201.9311	17,201.9311	4.0882		17,304.1352
Total	10.5910	96.8348	109.3805	0.1814		4.7111	4.7111		4.4333	4.4333	0.0000	17,201.9311	17,201.9311	4.0882		17,304.1352

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	0.3769	14.1083	2.8417	0.0473	1.1398	0.0136	1.1534	0.3282	0.0130	0.3412		4,953.8807	4,953.8807	0.2007		4,958.8990

Worker	2.2630	1.3078	17.1065	0.0557	6.0800	0.0348	6.1148	1.6124	0.0320	1.6444		5,547.5797	5,547.5797	0.1194		5,550.5637
Total	2.6399	15.4161	19.9481	0.1030	7.2198	0.0484	7.2682	1.9406	0.0450	1.9856		10,501.4603	10,501.4603	0.3201		10,509.4627

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.9092	90.5002	108.8610	0.1815		4.1291	4.1291		3.8842	3.8842		17,205.2142	17,205.2142	4.0646		17,306.8284
Total	9.9092	90.5002	108.8610	0.1815		4.1291	4.1291		3.8842	3.8842		17,205.2142	17,205.2142	4.0646		17,306.8284

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	0.3639	13.9910	2.6812	0.0469	1.1398	0.0134	1.1532	0.3282	0.0128	0.3410		4,915.2933	4,915.2933	0.1981		4,920.2457
Worker	2.1135	1.1758	15.8073	0.0532	6.0800	0.0338	6.1138	1.6124	0.0311	1.6434		5,308.5631	5,308.5631	0.1069		5,311.2353
Total	2.4774	15.1669	18.4885	0.1002	7.2198	0.0472	7.2670	1.9406	0.0439	1.9845		10,223.8564	10,223.8564	0.3050		10,231.4810

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	9.9092	90.5002	108.8610	0.1815		4.1291	4.1291		3.8842	3.8842	0.0000	17,205.21 42	17,205.21 42	4.0646		17,306.82 84
Total	9.9092	90.5002	108.8610	0.1815		4.1291	4.1291		3.8842	3.8842	0.0000	17,205.21 42	17,205.21 42	4.0646		17,306.82 84

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	0.3639	13.9910	2.6812	0.0469	1.1396	0.0134	1.1532	0.3282	0.0128	0.3410		4,915.293 3	4,915.293 3	0.1981		4,920.245 7
Worker	2.1135	1.1758	15.8073	0.0532	6.0800	0.0338	6.1138	1.6124	0.0311	1.6434		5,308.563 1	5,308.563 1	0.1069		5,311.235 3
Total	2.4774	15.1669	18.4885	0.1002	7.2198	0.0472	7.2670	1.9406	0.0439	1.9845		10,223.85 64	10,223.85 64	0.3050		10,231.48 10

3.5 Paving - 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	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Paving	0.3249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3012	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094	4,415.094	1.4279		4,450.792
												4	4			7

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	0.1332	0.0741	0.9963	3.3600e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		334.5733	334.5733	6.7400e-003		334.7417
Total	0.1332	0.0741	0.9963	3.3600e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		334.5733	334.5733	6.7400e-003		334.7417

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	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621	0.0000	4,415.094	4,415.094	1.4279		4,450.792
Paving	0.3249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3012	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621	0.0000	4,415.094	4,415.094	1.4279		4,450.792
												4	4			7

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	0.1332	0.0741	0.9963	3.3600e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		334.5733	334.5733	6.7400e-003		334.7417
Total	0.1332	0.0741	0.9963	3.3600e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		334.5733	334.5733	6.7400e-003		334.7417

3.6 Architectural Coating - 2024
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	714.0023					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	714.3638	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

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	0.4218	0.2347	3.1548	0.0106	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		1,059.4821	1,059.4821	0.0213		1,060.0155
Total	0.4218	0.2347	3.1548	0.0106	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		1,059.4821	1,059.4821	0.0213		1,060.0155

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	714.0023					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	714.3638	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885

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	0.4218	0.2347	3.1548	0.0106	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		1,059.4821	1,059.4821	0.0213		1,060.0155
Total	0.4218	0.2347	3.1548	0.0106	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		1,059.4821	1,059.4821	0.0213		1,060.0155

4.0 Operational Detail - Mobile

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 Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Parking Lot	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722

Unrefrigerated Warehouse-No Rail	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
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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

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 Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
Unmitigated	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
Total	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
Total	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcels) - Unmitigated Construction Only - San Joaquin County, Winter

**Tracy Alliance Phase 2 (Suvik Farms Parcels) - Unmitigated Construction Only
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition -

Grading -

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	30.00	50.00
tblConstructionPhase	NumDays	75.00	145.00
tblConstructionPhase	NumDays	740.00	110.00
tblConstructionPhase	NumDays	55.00	20.00
tblConstructionPhase	NumDays	55.00	20.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.20
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	8.00	10.80
tblOffRoadEquipment	UsageHours	7.00	9.40
tblOffRoadEquipment	UsageHours	8.00	10.80
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	962.24	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	236,721,375.00	0.00

2.0 Emissions Summary

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					
2023	15.0439	129.4745	141.4838	0.3092	11.7035	5.4558	17.1593	4.0332	5.1189	8.8805	0.0000	30,087.3538	30,087.3538	5.3714	0.0000	30,221.6393
2024	714.8004	105.9649	125.3539	0.2744	7.2198	4.1766	11.3964	1.9406	3.9284	5.8690	0.0000	26,702.9132	26,702.9132	4.3817	0.0000	26,812.4551
Maximum	714.8004	129.4745	141.4838	0.3092	11.7035	5.4558	17.1593	4.0332	5.1189	8.8805	0.0000	30,087.3538	30,087.3538	5.3714	0.0000	30,221.6393

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	15.0439	129.4745	141.4838	0.3092	9.3780	5.4558	14.8338	2.7973	5.1189	7.9162	0.0000	30,087.3538	30,087.3538	5.3714	0.0000	30,221.6393
2024	714.8004	105.9649	125.3539	0.2744	7.2198	4.1766	11.3964	1.9406	3.9284	5.8690	0.0000	26,702.9131	26,702.9131	4.3817	0.0000	26,812.4550
Maximum	714.8004	129.4745	141.4838	0.3092	9.3780	5.4558	14.8338	2.7973	5.1189	7.9162	0.0000	30,087.3538	30,087.3538	5.3714	0.0000	30,221.6393

	ROG	NOx	CO	SO2	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	12.29	0.00	8.14	20.69	0.00	6.54	0.00	0.00	0.00	0.00	0.00	0.00

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	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
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
Total	0.0124	1.2200e-003	0.1346	1.0000e-005	0.0000	4.8000e-004	4.8000e-004	0.0000	4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004	0.0000	0.3079

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	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
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
Total	0.0124	1.2200e-003	0.1346	1.0000e-005	0.0000	4.8000e-004	4.8000e-004	0.0000	4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004	0.0000	0.3079

	ROG	NOx	CO	SO2	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	Site Preparation	4/3/2023	6/9/2023	5	50	
2	Grading	Grading	6/10/2023	12/29/2023	5	145	
3	Building Construction	Building Construction	9/1/2023	2/1/2024	5	110	
4	Paving	Paving	2/2/2024	2/29/2024	5	20	

5	Architectural Coating	Architectural Coating	3/1/2024	3/28/2024	5	20
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Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 176.72

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	3.20	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	3.20	97	0.37
Grading	Excavators	2	3.90	158	0.38
Grading	Graders	1	3.90	187	0.41
Grading	Rubber Tired Dozers	1	3.90	247	0.40
Grading	Scrapers	2	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	2	3.90	97	0.37
Building Construction	Cranes	5	9.40	231	0.29
Building Construction	Forklifts	15	10.80	89	0.20
Building Construction	Generator Sets	5	10.80	84	0.74
Building Construction	Tractors/Loaders/Backhoes	15	9.40	97	0.37
Building Construction	Welders	5	10.80	46	0.45
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

Building Construction	45	476.00	186.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2265	0.0000	7.2265	3.9723	0.0000	3.9723			0.0000			0.0000
Off-Road	1.0638	11.0097	7.2977	0.0152		0.5064	0.5064		0.4659	0.4659		1,474.9232	1,474.9232	0.4770		1,486.8487
Total	1.0638	11.0097	7.2977	0.0152	7.2265	0.5064	7.7329	3.9723	0.4659	4.4382		1,474.9232	1,474.9232	0.4770		1,486.8487

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	0.0883	0.0600	0.5483	1.8800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		187.3971	187.3971	3.9700e-003		187.4964

Total	0.0883	0.0600	0.5483	1.8800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		187.3971	187.3971	3.9700e-003		187.4964
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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					3.2519	0.0000	3.2519	1.7875	0.0000	1.7875			0.0000			0.0000
Off-Road	1.0638	11.0097	7.2977	0.0152		0.5064	0.5064		0.4659	0.4659	0.0000	1,474.9232	1,474.9232	0.4770		1,486.8487
Total	1.0638	11.0097	7.2977	0.0152	3.2519	0.5064	3.7583	1.7875	0.4659	2.2534	0.0000	1,474.9232	1,474.9232	0.4770		1,486.8487

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	0.0883	0.0600	0.5483	1.8800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		187.3971	187.3971	3.9700e-003		187.4964
Total	0.0883	0.0600	0.5483	1.8800e-003	0.2299	1.3200e-003	0.2312	0.0610	1.2100e-003	0.0622		187.3971	187.3971	3.9700e-003		187.4964

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2283	0.0000	4.2283	1.7533	0.0000	1.7533			0.0000			0.0000
Off-Road	1.6193	16.8264	13.6749	0.0303		0.6944	0.6944		0.6389	0.6389		2,930.5954	2,930.5954	0.9478		2,954.2907
Total	1.6193	16.8264	13.6749	0.0303	4.2283	0.6944	4.9227	1.7533	0.6389	2.3922		2,930.5954	2,930.5954	0.9478		2,954.2907

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	0.0981	0.0667	0.6092	2.0900e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		208.2190	208.2190	4.4100e-003		208.3293
Total	0.0981	0.0667	0.6092	2.0900e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		208.2190	208.2190	4.4100e-003		208.3293

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9027	0.0000	1.9027	0.7890	0.0000	0.7890			0.0000			0.0000
Off-Road	1.6193	16.8264	13.6749	0.0303		0.6944	0.6944		0.6389	0.6389	0.0000	2,930.5954	2,930.5954	0.9478		2,954.2907

Total	1.6193	16.8264	13.6749	0.0303	1.9027	0.6944	2.5972	0.7890	0.6389	1.4279	0.0000	2,930.5954	2,930.5954	0.9478		2,954.2907
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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	0.0981	0.0667	0.6092	2.0900e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		208.2190	208.2190	4.4100e-003		208.3293
Total	0.0981	0.0667	0.6092	2.0900e-003	0.2555	1.4600e-003	0.2569	0.0678	1.3500e-003	0.0691		208.2190	208.2190	4.4100e-003		208.3293

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	10.5910	96.8348	109.3805	0.1814		4.7111	4.7111		4.4333	4.4333		17,201.9311	17,201.9311	4.0882		17,304.1352
Total	10.5910	96.8348	109.3805	0.1814		4.7111	4.7111		4.4333	4.4333		17,201.9311	17,201.9311	4.0882		17,304.1352

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	0.4001	14.1589	3.3191	0.0458	1.1398	0.0140	1.1538	0.3282	0.0134	0.3416		4,790.9953	4,790.9953	0.2261		4,796.6474
Worker	2.3354	1.5878	14.5000	0.0497	6.0800	0.0348	6.1148	1.6124	0.0320	1.6444		4,955.6130	4,955.6130	0.1050		4,958.2367
Total	2.7355	15.7467	17.8191	0.0955	7.2198	0.0488	7.2686	1.9406	0.0454	1.9860		9,746.6083	9,746.6083	0.3310		9,754.8841

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	10.5910	96.8348	109.3805	0.1814		4.7111	4.7111		4.4333	4.4333	0.0000	17,201.9311	17,201.9311	4.0882		17,304.1352
Total	10.5910	96.8348	109.3805	0.1814		4.7111	4.7111		4.4333	4.4333	0.0000	17,201.9311	17,201.9311	4.0882		17,304.1352

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	0.4001	14.1589	3.3191	0.0458	1.1398	0.0140	1.1538	0.3282	0.0134	0.3416		4,790.9953	4,790.9953	0.2261		4,796.6474

Worker	2.3354	1.5878	14.5000	0.0497	6.0800	0.0348	6.1148	1.6124	0.0320	1.6444		4,955.613 0	4,955.613 0	0.1050		4,958.236 7
Total	2.7355	15.7467	17.8191	0.0955	7.2198	0.0488	7.2686	1.9406	0.0454	1.9860		9,746.608 3	9,746.608 3	0.3310		9,754.884 1

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	9.9092	90.5002	108.8610	0.1815		4.1291	4.1291		3.8842	3.8842		17,205.21 42	17,205.21 42	4.0646		17,306.82 84
Total	9.9092	90.5002	108.8610	0.1815		4.1291	4.1291		3.8842	3.8842		17,205.21 42	17,205.21 42	4.0646		17,306.82 84

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	0.3861	14.0380	3.1352	0.0454	1.1398	0.0138	1.1536	0.3282	0.0132	0.3414		4,755.274 0	4,755.274 0	0.2233		4,760.856 4
Worker	2.1877	1.4267	13.3577	0.0476	6.0800	0.0338	6.1138	1.6124	0.0311	1.6434		4,742.424 9	4,742.424 9	0.0938		4,744.770 3
Total	2.5738	15.4647	16.4929	0.0930	7.2198	0.0475	7.2673	1.9406	0.0443	1.9848		9,497.698 9	9,497.698 9	0.3171		9,505.626 6

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	9.9092	90.5002	108.8610	0.1815		4.1291	4.1291		3.8842	3.8842	0.0000	17,205.21 42	17,205.21 42	4.0646		17,306.82 84
Total	9.9092	90.5002	108.8610	0.1815		4.1291	4.1291		3.8842	3.8842	0.0000	17,205.21 42	17,205.21 42	4.0646		17,306.82 84

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	0.3861	14.0380	3.1352	0.0454	1.1398	0.0138	1.1536	0.3282	0.0132	0.3414		4,755.274 0	4,755.274 0	0.2233		4,760.856 4
Worker	2.1877	1.4267	13.3577	0.0476	6.0800	0.0338	6.1138	1.6124	0.0311	1.6434		4,742.424 9	4,742.424 9	0.0938		4,744.770 3
Total	2.5738	15.4647	16.4929	0.0930	7.2198	0.0475	7.2673	1.9406	0.0443	1.9848		9,497.698 9	9,497.698 9	0.3171		9,505.626 6

3.5 Paving - 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	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Paving	0.3249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3012	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094	4,415.094	1.4279		4,450.792
												4	4			7

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	0.1379	0.0899	0.8419	3.0000e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		298.8923	298.8923	5.9100e-003		299.0401
Total	0.1379	0.0899	0.8419	3.0000e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		298.8923	298.8923	5.9100e-003		299.0401

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	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621	0.0000	4,415.094	4,415.094	1.4279		4,450.792
Paving	0.3249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.3012	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621	0.0000	4,415.094	4,415.094	1.4279		4,450.792
												4	4			7

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	0.1379	0.0899	0.8419	3.0000e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		298.8923	298.8923	5.9100e-003		299.0401
Total	0.1379	0.0899	0.8419	3.0000e-003	0.3832	2.1300e-003	0.3853	0.1016	1.9600e-003	0.1036		298.8923	298.8923	5.9100e-003		299.0401

3.6 Architectural Coating - 2024
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	714.0023					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	714.3638	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

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	0.4366	0.2848	2.6659	9.4900e-003	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		946.4924	946.4924	0.0187		946.9605
Total	0.4366	0.2848	2.6659	9.4900e-003	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		946.4924	946.4924	0.0187		946.9605

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	714.0023					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	714.3638	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885

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	0.4366	0.2848	2.6659	9.4900e-003	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		946.4924	946.4924	0.0187		946.9605
Total	0.4366	0.2848	2.6659	9.4900e-003	1.2134	6.7400e-003	1.2202	0.3218	6.2100e-003	0.3280		946.4924	946.4924	0.0187		946.9605

4.0 Operational Detail - Mobile

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 Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Parking Lot	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722

Unrefrigerated Warehouse-No Rail	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
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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

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 Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
Unmitigated	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
Total	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079
Total	0.0124	1.2200e-003	0.1346	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2890	0.2890	7.5000e-004		0.3079

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcel) - BAU 2005 Operation Only - San Joaquin County, Annual

**Tracy Alliance Phase 2 (Suvik Farms Parcel) - BAU 2005 Operation Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2	Operational Year	2005		
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -

Demolition -
 Grading -
 Vehicle Trips - CalEEMod Note 7
 Consumer Products -
 Area Coating -
 Energy Use -
 Water And Wastewater -
 Solid Waste -
 Fleet Mix - CalEEMod Note 7

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
tblConstructionPhase	NumDays	55.00	1.00
tblConstructionPhase	PhaseEndDate	5/25/2004	3/10/2004
tblEnergyUse	LightingElect	0.88	0.88
tblFleetMix	HHD	0.05	0.00
tblFleetMix	HHD	0.05	1.00
tblFleetMix	LDA	0.47	0.53
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.07	0.08
tblFleetMix	LDT1	0.07	0.00
tblFleetMix	LDT2	0.16	0.18
tblFleetMix	LDT2	0.16	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD1	0.04	0.00

tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MDV	0.18	0.20
tblFleetMix	MDV	0.18	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	459.00

tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	974.00
tblVehicleTrips	WD_TR	0.00	459.00

2.0 Emissions Summary

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					
2004	7.1417	2.1700e-003	0.0185	1.0000e-005	5.9000e-004	2.0000e-005	6.1000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	0.6445	0.6445	1.1000e-004	0.0000	0.6472
Maximum	7.1417	2.1700e-003	0.0185	1.0000e-005	5.9000e-004	2.0000e-005	6.1000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	0.6445	0.6445	1.1000e-004	0.0000	0.6472

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					
2004	7.1417	2.1700e-003	0.0185	1.0000e-005	5.9000e-004	2.0000e-005	6.1000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	0.6445	0.6445	1.1000e-004	0.0000	0.6472
Maximum	7.1417	2.1700e-003	0.0185	1.0000e-005	5.9000e-004	2.0000e-005	6.1000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	0.6445	0.6445	1.1000e-004	0.0000	0.6472

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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
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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	3-10-2004	6-9-2004	5.1030	5.1030
		Highest	5.1030	5.1030

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	4.7210	1.8000e-004	0.0155	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0236	0.0236	1.1000e-004	0.0000	0.0264
Energy	0.0422	0.3834	0.3220	2.3000e-003		0.0291	0.0291		0.0291	0.0291	0.0000	2,026.7683	2,026.7683	0.0808	0.0227	2,035.5545
Mobile	5.5566	56.7682	41.5111	0.4284	2.2947	1.5402	3.8349	0.6171	1.4726	2.0898	0.0000	5,929.4280	5,929.4280	0.9422	0.0000	5,952.9837
Waste						0.0000	0.0000		0.0000	0.0000	195.3260	0.0000	195.3260	11.5434	0.0000	483.9120
Water						0.0000	0.0000		0.0000	0.0000	75.1008	372.6283	447.7291	7.7304	0.1856	696.3043
Total	10.3198	57.1518	41.8486	0.4307	2.2947	1.5694	3.8641	0.6171	1.5018	2.1190	270.4268	8,328.8482	8,599.2750	20.2970	0.2083	9,168.7809

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	4.7210	1.8000e-004	0.0155	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0236	0.0236	1.1000e-004	0.0000	0.0264
Energy	0.0422	0.3834	0.3220	2.3000e-003		0.0291	0.0291		0.0291	0.0291	0.0000	2,026.7683	2,026.7683	0.0808	0.0227	2,035.5545

Mobile	5.5566	56.7682	41.5111	0.4284	2.2947	1.5402	3.8349	0.6171	1.4726	2.0898	0.0000	5,929.4280	5,929.4280	0.9422	0.0000	5,952.9837
Waste						0.0000	0.0000		0.0000	0.0000	195.3260	0.0000	195.3260	11.5434	0.0000	483.9120
Water						0.0000	0.0000		0.0000	0.0000	75.1008	372.6283	447.7291	7.7304	0.1856	696.3043
Total	10.3198	57.1518	41.8486	0.4307	2.2947	1.5694	3.8641	0.6171	1.5018	2.1190	270.4268	8,328.8482	8,599.2750	20.2970	0.2083	9,168.7809

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	3/10/2004	3/10/2004	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2004

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	7.1400					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.1400	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6800e-003	2.1700e-003	0.0185	1.0000e-005	5.9000e-004	2.0000e-005	6.1000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	0.6445	0.6445	1.1000e-004	0.0000	0.6472
Total	1.6800e-003	2.1700e-003	0.0185	1.0000e-005	5.9000e-004	2.0000e-005	6.1000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	0.6445	0.6445	1.1000e-004	0.0000	0.6472

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	7.1400					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.1400	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	1.6800e-003	2.1700e-003	0.0185	1.0000e-005	5.9000e-004	2.0000e-005	6.1000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	0.6445	0.6445	1.1000e-004	0.0000	0.6472
Total	1.6800e-003	2.1700e-003	0.0185	1.0000e-005	5.9000e-004	2.0000e-005	6.1000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	0.6445	0.6445	1.1000e-004	0.0000	0.6472

4.0 Operational Detail - Mobile

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
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Category	tons/yr											MT/yr				
	5.5566	56.7682	41.5111	0.4284	2.2947	1.5402	3.8349	0.6171	1.4726	2.0898	0.0000	5,929.428	5,929.428	0.9422	0.0000	5,952.983
Mitigated	5.5566	56.7682	41.5111	0.4284	2.2947	1.5402	3.8349	0.6171	1.4726	2.0898	0.0000	5,929.428	5,929.428	0.9422	0.0000	5,952.983
Unmitigated	5.5566	56.7682	41.5111	0.4284	2.2947	1.5402	3.8349	0.6171	1.4726	2.0898	0.0000	5,929.428	5,929.428	0.9422	0.0000	5,952.983

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	1,433.00	1,433.00	1,433.00	5,935,423	5,935,423

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Parking Lot	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Unrefrigerated Warehouse-No Rail	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
User Defined Commercial	0.534193	0.076275	0.184573	0.204959	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,609.4226	1,609.4226	0.0728	0.0151	1,615.7288
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,609.4226	1,609.4226	0.0728	0.0151	1,615.7288
NaturalGas Mitigated	0.0422	0.3834	0.3220	2.3000e-003		0.0291	0.0291		0.0291	0.0291	0.0000	417.3457	417.3457	8.0000e-003	7.6500e-003	419.8257
NaturalGas Unmitigated	0.0422	0.3834	0.3220	2.3000e-003		0.0291	0.0291		0.0291	0.0291	0.0000	417.3457	417.3457	8.0000e-003	7.6500e-003	419.8257

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	7.82076e+006	0.0422	0.3834	0.3220	2.3000e-003		0.0291	0.0291		0.0291	0.0291	0.0000	417.3457	417.3457	8.0000e-003	7.6500e-003	419.8257
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total		0.0422	0.3834	0.3220	2.3000e-003		0.0291	0.0291		0.0291	0.0291	0.0000	417.3457	417.3457	8.0000e-003	7.6500e-003	419.8257
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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					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	7.82076e+006	0.0422	0.3834	0.3220	2.3000e-003		0.0291	0.0291		0.0291	0.0291	0.0000	417.3457	417.3457	8.0000e-003	7.6500e-003	419.8257
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0422	0.3834	0.3220	2.3000e-003		0.0291	0.0291		0.0291	0.0291	0.0000	417.3457	417.3457	8.0000e-003	7.6500e-003	419.8257

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	96710.4	28.1342	1.2700e-003	2.6000e-004	28.2444
Unrefrigerated Warehouse-No	5.43563e+006	1,581.2884	0.0715	0.0148	1,587.4844
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000

Total		1,609.422 6	0.0728	0.0151	1,615.728 8
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Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	96710.4	28.1342	1.2700e-003	2.6000e-004	28.2444
Unrefrigerated Warehouse-No	5.43563e+006	1,581.2884	0.0715	0.0148	1,587.4844
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		1,609.422 6	0.0728	0.0151	1,615.728 8

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	4.7210	1.8000e-004	0.0155	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0236	0.0236	1.1000e-004	0.0000	0.0264
Unmitigated	4.7210	1.8000e-004	0.0155	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0236	0.0236	1.1000e-004	0.0000	0.0264

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	0.7140					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.0050					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-003	1.8000e-004	0.0155	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0236	0.0236	1.1000e-004	0.0000	0.0264
Total	4.7210	1.8000e-004	0.0155	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0236	0.0236	1.1000e-004	0.0000	0.0264

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	0.7140					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.0050					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-003	1.8000e-004	0.0155	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0236	0.0236	1.1000e-004	0.0000	0.0264
Total	4.7210	1.8000e-004	0.0155	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0236	0.0236	1.1000e-004	0.0000	0.0264

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	447.7291	7.7304	0.1856	696.3043
Unmitigated	447.7291	7.7304	0.1856	696.3043

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	236.721 / 0	447.7291	7.7304	0.1856	696.3043
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		447.7291	7.7304	0.1856	696.3043

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	236.721 / 0	447.7291	7.7304	0.1856	696.3043
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		447.7291	7.7304	0.1856	696.3043

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	195.3260	11.5434	0.0000	483.9120
Unmitigated	195.3260	11.5434	0.0000	483.9120

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	962.24	195.3260	11.5434	0.0000	483.9120
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		195.3260	11.5434	0.0000	483.9120

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	962.24	195.3260	11.5434	0.0000	483.9120
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		195.3260	11.5434	0.0000	483.9120

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 2 (Suvik Farms Parcel) - BAU 2005 Operation Only - San Joaquin County, Summer

**Tracy Alliance Phase 2 (Suvik Farms Parcel) - BAU 2005 Operation Only
San Joaquin County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2005
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -

Demolition -
 Grading -
 Vehicle Trips - CalEEMod Note 7
 Consumer Products -
 Area Coating -
 Energy Use -
 Water And Wastewater -
 Solid Waste -
 Fleet Mix - CalEEMod Note 7

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
tblConstructionPhase	NumDays	55.00	1.00
tblConstructionPhase	PhaseEndDate	5/25/2004	3/10/2004
tblEnergyUse	LightingElect	0.88	0.88
tblFleetMix	HHD	0.05	0.00
tblFleetMix	HHD	0.05	1.00
tblFleetMix	LDA	0.47	0.53
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.07	0.08
tblFleetMix	LDT1	0.07	0.00
tblFleetMix	LDT2	0.16	0.18
tblFleetMix	LDT2	0.16	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD1	0.04	0.00

tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MDV	0.18	0.20
tblFleetMix	MDV	0.18	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	459.00

tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	974.00
tblVehicleTrips	WD_TR	0.00	459.00

2.0 Emissions Summary

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					
2004	14,283.529 4	3.8765	41.0762	0.0235	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666	0.0000	1,529.406 4	1,529.406 4	0.2541	0.0000	1,535.759 7
Maximum	14,283.529 4	3.8765	41.0762	0.0235	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666	0.0000	1,529.406 4	1,529.406 4	0.2541	0.0000	1,535.759 7

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2004	14,283.529 4	3.8765	41.0762	0.0235	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666	0.0000	1,529.406 4	1,529.406 4	0.2541	0.0000	1,535.759 7
Maximum	14,283.529 4	3.8765	41.0762	0.0235	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666	0.0000	1,529.406 4	1,529.406 4	0.2541	0.0000	1,535.759 7

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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
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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	lb/day										lb/day					
Area	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231
Energy	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735
Mobile	31.1361	303.5378	231.6900	2.3919	12.9850	8.2888	21.2738	3.4832	7.9254	11.4085		37,160.6625	37,160.6625	5.5625		37,299.7238
Total	57.2472	305.6405	233.6265	2.4045	12.9850	8.4491	21.4341	3.4832	8.0857	11.5688		39,681.7456	39,681.7456	5.6121	0.0462	39,835.8204

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	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231
Energy	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735
Mobile	31.1361	303.5378	231.6900	2.3919	12.9850	8.2888	21.2738	3.4832	7.9254	11.4085		37,160.6625	37,160.6625	5.5625		37,299.7238
Total	57.2472	305.6405	233.6265	2.4045	12.9850	8.4491	21.4341	3.4832	8.0857	11.5688		39,681.7456	39,681.7456	5.6121	0.0462	39,835.8204

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	3/10/2004	3/10/2004	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2004

Unmitigated Construction On-Site

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					

Archit. Coating	14,280.045 7					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Total	14,280.045 7	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000

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	3.4838	3.8765	41.0762	0.0235	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666		1,529.406 4	1,529.406 4	0.2541		1,535.759 7
Total	3.4838	3.8765	41.0762	0.0235	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666		1,529.406 4	1,529.406 4	0.2541		1,535.759 7

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	14,280.045 7					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	14,280.045 7	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	3.4838	3.8765	41.0762	0.0235	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666		1,529.406 4	1,529.406 4	0.2541		1,535.759 7
Total	3.4838	3.8765	41.0762	0.0235	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666		1,529.406 4	1,529.406 4	0.2541		1,535.759 7

4.0 Operational Detail - Mobile

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	31.1361	303.5378	231.6900	2.3919	12.9850	8.2888	21.2738	3.4832	7.9254	11.4085		37,160.66 25	37,160.66 25	5.5625		37,299.72 38
Unmitigated	31.1361	303.5378	231.6900	2.3919	12.9850	8.2888	21.2738	3.4832	7.9254	11.4085		37,160.66 25	37,160.66 25	5.5625		37,299.72 38

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	1,433.00	1,433.00	1,433.00	5,935,423	5,935,423

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 Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Parking Lot	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Unrefrigerated Warehouse-No Rail	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
User Defined Commercial	0.534193	0.076275	0.184573	0.204959	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: Y

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
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Category	lb/day								lb/day						
NaturalGas Mitigated	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597	0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735
NaturalGas Unmitigated	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597	0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735

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 Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	21426.7	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735
User Defined Commercial	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
User Defined Industrial	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
Total		0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735

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 Non-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

Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	21.4267	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735
User Defined Commercial	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
User Defined Industrial	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
Total		0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231
Unmitigated	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231

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	3.9123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Consumer Products	21.9454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0222	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231
Total	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231

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	3.9123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.9454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0222	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231
Total	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcel) - BAU 2005 Operation Only - San Joaquin County, Winter

**Tracy Alliance Phase 2 (Suvik Farms Parcel) - BAU 2005 Operation Only
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2	Operational Year	2005		
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -

Demolition -
 Grading -
 Vehicle Trips - CalEEMod Note 7
 Consumer Products -
 Area Coating -
 Energy Use -
 Water And Wastewater -
 Solid Waste -
 Fleet Mix - CalEEMod Note 7

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
tblConstructionPhase	NumDays	55.00	1.00
tblConstructionPhase	PhaseEndDate	5/25/2004	3/10/2004
tblEnergyUse	LightingElect	0.88	0.88
tblFleetMix	HHD	0.05	0.00
tblFleetMix	HHD	0.05	1.00
tblFleetMix	LDA	0.47	0.53
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.07	0.08
tblFleetMix	LDT1	0.07	0.00
tblFleetMix	LDT2	0.16	0.18
tblFleetMix	LDT2	0.16	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD1	0.04	0.00

tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MDV	0.18	0.20
tblFleetMix	MDV	0.18	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	459.00

tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	974.00
tblVehicleTrips	WD_TR	0.00	459.00

2.0 Emissions Summary

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					
2004	14,283.685 0	4.7759	37.9769	0.0213	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666	0.0000	1,386.679 0	1,386.679 0	0.2382	0.0000	1,392.633 0
Maximum	14,283.685 0	4.7759	37.9769	0.0213	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666	0.0000	1,386.679 0	1,386.679 0	0.2382	0.0000	1,392.633 0

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2004	14,283.685 0	4.7759	37.9769	0.0213	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666	0.0000	1,386.679 0	1,386.679 0	0.2382	0.0000	1,392.633 0
Maximum	14,283.685 0	4.7759	37.9769	0.0213	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666	0.0000	1,386.679 0	1,386.679 0	0.2382	0.0000	1,392.633 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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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
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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	lb/day										lb/day					
Area	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231
Energy	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735
Mobile	31.3876	313.9787	246.4826	2.3181	12.9850	8.7260	21.7109	3.4832	8.3436	11.8268		35,264.5012	35,264.5012	6.0486		35,415.7165
Total	57.4987	316.0814	248.4191	2.3307	12.9850	8.8863	21.8712	3.4832	8.5039	11.9871		37,785.5844	37,785.5844	6.0983	0.0462	37,951.8131

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	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231
Energy	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735
Mobile	31.3876	313.9787	246.4826	2.3181	12.9850	8.7260	21.7109	3.4832	8.3436	11.8268		35,264.5012	35,264.5012	6.0486		35,415.7165
Total	57.4987	316.0814	248.4191	2.3307	12.9850	8.8863	21.8712	3.4832	8.5039	11.9871		37,785.5844	37,785.5844	6.0983	0.0462	37,951.8131

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	3/10/2004	3/10/2004	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2004

Unmitigated Construction On-Site

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					

Archit. Coating	14,280.045 7					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000
Total	14,280.045 7	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000

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	3.6394	4.7759	37.9769	0.0213	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666		1,386.679 0	1,386.679 0	0.2382		1,392.633 0
Total	3.6394	4.7759	37.9769	0.0213	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666		1,386.679 0	1,386.679 0	0.2382		1,392.633 0

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	14,280.045 7					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	14,280.045 7	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	3.6394	4.7759	37.9769	0.0213	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666		1,386.679 0	1,386.679 0	0.2382		1,392.633 0
Total	3.6394	4.7759	37.9769	0.0213	1.2134	0.0483	1.2617	0.3218	0.0448	0.3666		1,386.679 0	1,386.679 0	0.2382		1,392.633 0

4.0 Operational Detail - Mobile

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	31.3876	313.9787	246.4826	2.3181	12.9850	8.7260	21.7109	3.4832	8.3436	11.8268		35,264.50 12	35,264.50 12	6.0486		35,415.71 65
Unmitigated	31.3876	313.9787	246.4826	2.3181	12.9850	8.7260	21.7109	3.4832	8.3436	11.8268		35,264.50 12	35,264.50 12	6.0486		35,415.71 65

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	1,433.00	1,433.00	1,433.00	5,935,423	5,935,423

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 Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Parking Lot	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Unrefrigerated Warehouse-No Rail	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
User Defined Commercial	0.534193	0.076275	0.184573	0.204959	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: Y

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
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Category	lb/day								lb/day						
NaturalGas Mitigated	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597	0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735
NaturalGas Unmitigated	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597	0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735

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 Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	21426.7	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735
User Defined Commercial	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
User Defined Industrial	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
Total		0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735

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 Non-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

Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	21.4267	0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735
User Defined Commercial	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
User Defined Industrial	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
Total		0.2311	2.1007	1.7646	0.0126		0.1597	0.1597		0.1597	0.1597		2,520.7937	2,520.7937	0.0483	0.0462	2,535.7735

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231
Unmitigated	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231

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	3.9123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Consumer Products	21.9454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0222	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231
Total	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231

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	3.9123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.9454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0222	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231
Total	25.8800	2.0500e-003	0.1719	1.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004		0.2895	0.2895	1.3500e-003		0.3231

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 Operation Only - San Joaquin County, Annual

**Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 Operation Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition -
 Grading -
 Vehicle Trips - CalEEMod Note 7
 Consumer Products -
 Area Coating -
 Energy Use -
 Water And Wastewater -
 Solid Waste -
 Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1880e-003	0.00

tblFleetMix	OBUS	1.1880e-003	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	459.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	974.00
tblVehicleTrips	WD_TR	0.00	459.00

2.0 Emissions Summary

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					
2023	7.1516	7.9300e-003	0.0811	2.8000e-004	0.0324	1.9000e-004	0.0326	8.6000e-003	1.8000e-004	8.7800e-003	0.0000	25.3804	25.3804	5.4000e-004	0.0000	25.3938
Maximum	7.1516	7.9300e-003	0.0811	2.8000e-004	0.0324	1.9000e-004	0.0326	8.6000e-003	1.8000e-004	8.7800e-003	0.0000	25.3804	25.3804	5.4000e-004	0.0000	25.3938

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					
2023	7.1516	7.9300e-003	0.0811	2.8000e-004	0.0324	1.9000e-004	0.0326	8.6000e-003	1.8000e-004	8.7800e-003	0.0000	25.3804	25.3804	5.4000e-004	0.0000	25.3938
Maximum	7.1516	7.9300e-003	0.0811	2.8000e-004	0.0324	1.9000e-004	0.0326	8.6000e-003	1.8000e-004	8.7800e-003	0.0000	25.3804	25.3804	5.4000e-004	0.0000	25.3938

	ROG	NOx	CO	SO2	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	4-3-2023	7-2-2023	6.9737	6.9737
		Highest	6.9737	6.9737

**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	4.7202	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252
Energy	0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	785.9853	785.9853	0.0689	0.0190	793.3802
Mobile	0.4592	10.5234	5.0545	0.0522	2.2949	0.0212	2.3161	0.6172	0.0200	0.6371	0.0000	4,910.4672	4,910.4672	0.1843	0.0000	4,915.0743
Waste						0.0000	0.0000		0.0000	0.0000	195.3260	0.0000	195.3260	11.5434	0.0000	483.9120
Water						0.0000	0.0000		0.0000	0.0000	75.1008	122.0113	197.1121	7.7304	0.1856	445.6873
Total	5.2131	10.8301	5.3242	0.0540	2.2949	0.0445	2.3394	0.6172	0.0433	0.6605	270.4268	5,818.4873	6,088.9141	19.5271	0.2047	6,638.0789

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	4.7202	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252
Energy	0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	785.9853	785.9853	0.0689	0.0190	793.3802
Mobile	0.4592	10.5234	5.0545	0.0522	2.2949	0.0212	2.3161	0.6172	0.0200	0.6371	0.0000	4,910.4672	4,910.4672	0.1843	0.0000	4,915.0743
Waste						0.0000	0.0000		0.0000	0.0000	195.3260	0.0000	195.3260	11.5434	0.0000	483.9120
Water						0.0000	0.0000		0.0000	0.0000	75.1008	122.0113	197.1121	7.7304	0.1856	445.6873
Total	5.2131	10.8301	5.3242	0.0540	2.2949	0.0445	2.3394	0.6172	0.0433	0.6605	270.4268	5,818.4873	6,088.9141	19.5271	0.2047	6,638.0789

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	6/16/2023	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	7.1400					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.1400	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0116	7.9300e-003	0.0811	2.8000e-004	0.0324	1.9000e-004	0.0326	8.6000e-003	1.8000e-004	8.7800e-003	0.0000	25.3804	25.3804	5.4000e-004	0.0000	25.3938
Total	0.0116	7.9300e-003	0.0811	2.8000e-004	0.0324	1.9000e-004	0.0326	8.6000e-003	1.8000e-004	8.7800e-003	0.0000	25.3804	25.3804	5.4000e-004	0.0000	25.3938

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	7.1400					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.1400	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0116	7.9300e-003	0.0811	2.8000e-004	0.0324	1.9000e-004	0.0326	8.6000e-003	1.8000e-004	8.7800e-003	0.0000	25.3804	25.3804	5.4000e-004	0.0000	25.3938
Total	0.0116	7.9300e-003	0.0811	2.8000e-004	0.0324	1.9000e-004	0.0326	8.6000e-003	1.8000e-004	8.7800e-003	0.0000	25.3804	25.3804	5.4000e-004	0.0000	25.3938

4.0 Operational Detail - Mobile

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	0.4592	10.5234	5.0545	0.0522	2.2949	0.0212	2.3161	0.6172	0.0200	0.6371	0.0000	4,910.4672	4,910.4672	0.1843	0.0000	4,915.0743
Unmitigated	0.4592	10.5234	5.0545	0.0522	2.2949	0.0212	2.3161	0.6172	0.0200	0.6371	0.0000	4,910.4672	4,910.4672	0.1843	0.0000	4,915.0743

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		

Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	1,433.00	1,433.00	1,433.00	5,935,423	5,935,423

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Parking Lot	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Unrefrigerated Warehouse-No Rail	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
User Defined Commercial	0.629586	0.037930	0.207085	0.125399	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					

Electricity Mitigated					0.0000	0.0000		0.0000	0.0000	0.0000	452.2180	452.2180	0.0625	0.0129	457.6295
Electricity Unmitigated					0.0000	0.0000		0.0000	0.0000	0.0000	452.2180	452.2180	0.0625	0.0129	457.6295
NaturalGas Mitigated	0.0337	0.3066	0.2575	1.8400e-003	0.0233	0.0233		0.0233	0.0233	0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507
NaturalGas Unmitigated	0.0337	0.3066	0.2575	1.8400e-003	0.0233	0.0233		0.0233	0.0233	0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	6.25456e+006	0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000

Unrefrigerated Warehouse-No	6.25456e+006	0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	38640	3.6806	5.1000e-004	1.1000e-004	3.7247
Unrefrigerated Warehouse-No	4.70884e+006	448.5373	0.0619	0.0128	453.9048
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		452.2180	0.0625	0.0129	457.6295

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	38640	3.6806	5.1000e-004	1.1000e-004	3.7247

Unrefrigerated Warehouse-No	4.70884e+006	448.5373	0.0619	0.0128	453.9048
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		452.2180	0.0625	0.0129	457.6295

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	4.7202	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252
Unmitigated	4.7202	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252

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	0.7140					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.0050					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Landscaping	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252
Total	4.7202	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252

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	0.7140					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.0050					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1200e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252
Total	4.7202	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	197.1121	7.7304	0.1856	445.6873
Unmitigated	197.1121	7.7304	0.1856	445.6873

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	M1/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	236.721 / 0	197.1121	7.7304	0.1856	445.6873
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		197.1121	7.7304	0.1856	445.6873

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	M1/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	236.721 / 0	197.1121	7.7304	0.1856	445.6873
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		197.1121	7.7304	0.1856	445.6873

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	195.3260	11.5434	0.0000	483.9120
Unmitigated	195.3260	11.5434	0.0000	483.9120

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	962.24	195.3260	11.5434	0.0000	483.9120
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		195.3260	11.5434	0.0000	483.9120

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	M1/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	962.24	195.3260	11.5434	0.0000	483.9120
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		195.3260	11.5434	0.0000	483.9120

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 Operation Only - San Joaquin County, Summer

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 Operation Only
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition -
 Grading -
 Vehicle Trips - CalEEMod Note 7
 Consumer Products -
 Area Coating -
 Energy Use -
 Water And Wastewater -
 Solid Waste -
 Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1880e-003	0.00

tblFleetMix	OBUS	1.1880e-003	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	459.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	974.00
tblVehicleTrips	WD_TR	0.00	459.00

2.0 Emissions Summary

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					
2023	260.0888	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	1,107.1850	1,107.1850	0.0238	0.0000	1,107.7806
Maximum	260.0888	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	1,107.1850	1,107.1850	0.0238	0.0000	1,107.7806

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	260.0888	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	1,107.1850	1,107.1850	0.0238	0.0000	1,107.7806
Maximum	260.0888	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	1,107.1850	1,107.1850	0.0238	0.0000	1,107.7806

	ROG	NOx	CO	SO2	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

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	25.8702	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084
Energy	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
Mobile	2.7789	57.2721	29.8325	0.2963	12.9858	0.1158	13.1016	3.4834	0.1092	3.5926		30,715.7203	30,715.7203	1.0800		30,742.7199
Total	28.8339	58.9533	31.3785	0.3064	12.9858	0.2440	13.2298	3.4834	0.2374	3.7208		32,731.9848	32,731.9848	1.1194	0.0370	32,770.9833

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	25.8702	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084
Energy	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
Mobile	2.7789	57.2721	29.8325	0.2963	12.9858	0.1158	13.1016	3.4834	0.1092	3.5926		30,715.7203	30,715.7203	1.0800		30,742.7199
Total	28.8339	58.9533	31.3785	0.3064	12.9858	0.2440	13.2298	3.4834	0.2374	3.7208		32,731.9848	32,731.9848	1.1194	0.0370	32,770.9833

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	6/16/2023	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	lb/day										lb/day					
Archit. Coating	259.6372					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	259.6372	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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
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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	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	0.4517	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.3282	1,107.1850	1,107.1850	0.0238	0.0238	1,107.7806
Total	0.4517	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.3282	1,107.1850	1,107.1850	0.0238	0.0238	1,107.7806

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	259.6372					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	259.6372	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.4517	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		1,107.1850	1,107.1850	0.0238		1,107.7806

Total	0.4517	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		1,107.1850	1,107.1850	0.0238		1,107.7806
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4.0 Operational Detail - Mobile

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	2.7789	57.2721	29.8325	0.2963	12.9858	0.1158	13.1016	3.4834	0.1092	3.5926		30,715.7203	30,715.7203	1.0800		30,742.7199
Unmitigated	2.7789	57.2721	29.8325	0.2963	12.9858	0.1158	13.1016	3.4834	0.1092	3.5926		30,715.7203	30,715.7203	1.0800		30,742.7199

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	1,433.00	1,433.00	1,433.00	5,935,423	5,935,423

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Parking Lot	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Unrefrigerated Warehouse-No Rail	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
User Defined Commercial	0.629586	0.037930	0.207085	0.125399	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0
NaturalGas Unmitigated	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0

5.2 Energy by Land Use - NaturalGas Unmitigated

	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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	17135.8	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
User Defined Commercial	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
User Defined Industrial	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
Total		0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	17.1358	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
User Defined Commercial	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
User Defined Industrial	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
Total		0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	25.8702	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084
Unmitigated	25.8702	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084

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	3.9123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.9454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0125	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084
Total	25.8702	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084

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
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SubCategory	lb/day								lb/day					
Architectural Coating	3.9123				0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Consumer Products	21.9454				0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Landscaping	0.0125	1.2200e-003	0.1348	1.0000e-005	4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004	0.3084
Total	25.8702	1.2200e-003	0.1348	1.0000e-005	4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004	0.3084

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 Operation Only - San Joaquin County, Winter

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 Operation Only
San Joaquin County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Demolition -
 Grading -
 Vehicle Trips - CalEEMod Note 7
 Consumer Products -
 Area Coating -
 Energy Use -
 Water And Wastewater -
 Solid Waste -
 Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1880e-003	0.00

tblFleetMix	OBUS	1.1880e-003	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	459.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	974.00
tblVehicleTrips	WD_TR	0.00	459.00

2.0 Emissions Summary

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					
2023	260.1033	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	989.0404	989.0404	0.0210	0.0000	989.5641
Maximum	260.1033	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	989.0404	989.0404	0.0210	0.0000	989.5641

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	260.1033	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	989.0404	989.0404	0.0210	0.0000	989.5641
Maximum	260.1033	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	989.0404	989.0404	0.0210	0.0000	989.5641

	ROG	NOx	CO	SO2	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

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	25.8702	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084
Energy	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
Mobile	2.4854	57.7551	28.4122	0.2809	12.9858	0.1175	13.1033	3.4834	0.1108	3.5943		29,137.6203	29,137.6203	1.1818		29,167.1646
Total	28.5405	59.4363	29.9582	0.2910	12.9858	0.2457	13.2315	3.4834	0.2390	3.7224		31,153.8848	31,153.8848	1.2212	0.0370	31,195.4279

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	25.8702	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084
Energy	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
Mobile	2.4854	57.7551	28.4122	0.2809	12.9858	0.1175	13.1033	3.4834	0.1108	3.5943		29,137.6203	29,137.6203	1.1818		29,167.1646
Total	28.5405	59.4363	29.9582	0.2910	12.9858	0.2457	13.2315	3.4834	0.2390	3.7224		31,153.8848	31,153.8848	1.2212	0.0370	31,195.4279

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	6/16/2023	5	55	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	lb/day										lb/day					
Archit. Coating	259.6372					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	259.6372	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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
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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	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	0.4661	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		989.0404	989.0404	0.0210		989.5641
Total	0.4661	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		989.0404	989.0404	0.0210		989.5641

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	259.6372					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	259.6372	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.4661	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		989.0404	989.0404	0.0210		989.5641

Total	0.4661	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		989.0404	989.0404	0.0210		989.5641
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4.0 Operational Detail - Mobile

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	2.4854	57.7551	28.4122	0.2809	12.9858	0.1175	13.1033	3.4834	0.1108	3.5943		29,137.6203	29,137.6203	1.1818		29,167.1646
Unmitigated	2.4854	57.7551	28.4122	0.2809	12.9858	0.1175	13.1033	3.4834	0.1108	3.5943		29,137.6203	29,137.6203	1.1818		29,167.1646

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	1,433.00	1,433.00	1,433.00	5,935,423	5,935,423

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3

User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Parking Lot	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
Unrefrigerated Warehouse-No Rail	0.565659	0.034079	0.186058	0.112666	0.015522	0.004397	0.016109	0.056708	0.001188	0.001371	0.004918	0.000602	0.000722
User Defined Commercial	0.629586	0.037930	0.207085	0.125399	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0
NaturalGas Unmitigated	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0

5.2 Energy by Land Use - NaturalGas Unmitigated

	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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	17135.8	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
User Defined Commercial	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
User Defined Industrial	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
Total		0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	17.1358	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
User Defined Commercial	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
User Defined Industrial	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
Total		0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	25.8702	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084
Unmitigated	25.8702	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084

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	3.9123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.9454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0125	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084
Total	25.8702	1.2200e-003	0.1348	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004		0.3084

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
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SubCategory	lb/day								lb/day					
Architectural Coating	3.9123				0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Consumer Products	21.9454				0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Landscaping	0.0125	1.2200e-003	0.1348	1.0000e-005	4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004	0.3084
Total	25.8702	1.2200e-003	0.1348	1.0000e-005	4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.6000e-004	0.3084

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2030 Operation Only - San Joaquin County, Annual

**Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2030 Operation Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	184	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 8

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

- Demolition -
- Grading -
- Vehicle Trips - CalEEMod Note 7
- Consumer Products -
- Area Coating -
- Energy Use -
- Water And Wastewater -
- Solid Waste -
- Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	55.00	1.00
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.58	0.64
tblFleetMix	LDA	0.58	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MDV	0.10	0.11
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00

tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	184
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	459.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	974.00
tblVehicleTrips	WD_TR	0.00	459.00

2.0 Emissions Summary

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					
2023	7.1402	1.4000e-004	1.4700e-003	1.0000e-005	5.9000e-004	0.0000	5.9000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4615	0.4615	1.0000e-005	0.0000	0.4617
Maximum	7.1402	1.4000e-004	1.4700e-003	1.0000e-005	5.9000e-004	0.0000	5.9000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4615	0.4615	1.0000e-005	0.0000	0.4617

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					
2023	7.1402	1.4000e-004	1.4700e-003	1.0000e-005	5.9000e-004	0.0000	5.9000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4615	0.4615	1.0000e-005	0.0000	0.4617
Maximum	7.1402	1.4000e-004	1.4700e-003	1.0000e-005	5.9000e-004	0.0000	5.9000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4615	0.4615	1.0000e-005	0.0000	0.4617

	ROG	NOx	CO	SO2	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	4-3-2023	7-2-2023	5.1003	5.1003
		Highest	5.1003	5.1003

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	4.7202	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252
Energy	0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	729.9964	729.9964	0.0689	0.0190	737.3913
Mobile	0.3777	9.6328	3.9470	0.0484	2.2949	0.0182	2.3131	0.6172	0.0172	0.6344	0.0000	4,559.5983	4,559.5983	0.1630	0.0000	4,563.6724
Waste						0.0000	0.0000		0.0000	0.0000	195.3260	0.0000	195.3260	11.5434	0.0000	483.9120
Water						0.0000	0.0000		0.0000	0.0000	75.1008	106.9051	182.0059	7.7304	0.1856	430.5812
Total	5.1316	9.9395	4.2166	0.0502	2.2949	0.0415	2.3365	0.6172	0.0405	0.6577	270.4268	5,396.5234	5,666.9502	19.5057	0.2047	6,215.5820

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	4.7202	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252
Energy	0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	729.9964	729.9964	0.0689	0.0190	737.3913
Mobile	0.3777	9.6328	3.9470	0.0484	2.2949	0.0182	2.3131	0.6172	0.0172	0.6344	0.0000	4,559.5983	4,559.5983	0.1630	0.0000	4,563.6724
Waste						0.0000	0.0000		0.0000	0.0000	195.3260	0.0000	195.3260	11.5434	0.0000	483.9120
Water						0.0000	0.0000		0.0000	0.0000	75.1008	106.9051	182.0059	7.7304	0.1856	430.5812
Total	5.1316	9.9395	4.2166	0.0502	2.2949	0.0415	2.3365	0.6172	0.0405	0.6577	270.4268	5,396.5234	5,666.9502	19.5057	0.2047	6,215.5820

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

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	4/3/2023	4/3/2023	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	7.1400					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.1400	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.1000e-004	1.4000e-004	1.4700e-003	1.0000e-005	5.9000e-004	0.0000	5.9000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4615	0.4615	1.0000e-005	0.0000	0.4617
Total	2.1000e-004	1.4000e-004	1.4700e-003	1.0000e-005	5.9000e-004	0.0000	5.9000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4615	0.4615	1.0000e-005	0.0000	0.4617

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	7.1400					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.1400	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	2.1000e-004	1.4000e-004	1.4700e-003	1.0000e-005	5.9000e-004	0.0000	5.9000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4615	0.4615	1.0000e-005	0.0000	0.4617
Total	2.1000e-004	1.4000e-004	1.4700e-003	1.0000e-005	5.9000e-004	0.0000	5.9000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4615	0.4615	1.0000e-005	0.0000	0.4617

4.0 Operational Detail - Mobile

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	0.3777	9.6328	3.9470	0.0484	2.2949	0.0182	2.3131	0.6172	0.0172	0.6344	0.0000	4,559.5983	4,559.5983	0.1630	0.0000	4,563.6724
Unmitigated	0.3777	9.6328	3.9470	0.0484	2.2949	0.0182	2.3131	0.6172	0.0172	0.6344	0.0000	4,559.5983	4,559.5983	0.1630	0.0000	4,563.6724

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	1,433.00	1,433.00	1,433.00	5,935,423	5,935,423

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 Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Parking Lot	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Unrefrigerated Warehouse-No Rail	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
User Defined Commercial	0.642287	0.035684	0.210955	0.111074	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	396.2291	396.2291	0.0625	0.0129	401.6406
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	396.2291	396.2291	0.0625	0.0129	401.6406
NaturalGas Mitigated	0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507
NaturalGas Unmitigated	0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507

5.2 Energy by Land Use - NaturalGas
Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	6.25456e+006	0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0337	0.3066	0.2575	1.8400e-003		0.0233	0.0233		0.0233	0.0233	0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507

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
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Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-Asphalt Surfaces	0	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
Unrefrigerated Warehouse-No	6.25456e+006	0.0337	0.3066	0.2575	1.8400e-003							0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000							0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000							0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0337	0.3066	0.2575	1.8400e-003							0.0000	333.7673	333.7673	6.4000e-003	6.1200e-003	335.7507

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	38640	3.2249	5.1000e-004	1.1000e-004	3.2690
Unrefrigerated Warehouse-No	4.70884e+006	393.0041	0.0619	0.0128	398.3716
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		396.2291	0.0625	0.0129	401.6406

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	38640	3.2249	5.1000e-004	1.1000e-004	3.2690
Unrefrigerated Warehouse-No	4.70884e+006	393.0041	0.0619	0.0128	398.3716
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		396.2291	0.0625	0.0129	401.6406

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	4.7202	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252
Unmitigated	4.7202	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252

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
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SubCategory	tons/yr								MT/yr							
Architectural Coating	0.7140					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	4.0050					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	1.1100e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252
Total	4.7202	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252

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	0.7140						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	4.0050						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	1.1100e-003	1.1000e-004	0.0121	0.0000			4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252
Total	4.7202	1.1000e-004	0.0121	0.0000			4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0236	0.0236	6.0000e-005	0.0000	0.0252

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			

Mitigated	182.0059	7.7304	0.1856	430.5812
Unmitigated	182.0059	7.7304	0.1856	430.5812

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	236.721 / 0	182.0059	7.7304	0.1856	430.5812
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		182.0059	7.7304	0.1856	430.5812

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	236.721 / 0	182.0059	7.7304	0.1856	430.5812

User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		182.0059	7.7304	0.1856	430.5812

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	195.3260	11.5434	0.0000	483.9120
Unmitigated	195.3260	11.5434	0.0000	483.9120

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	962.24	195.3260	11.5434	0.0000	483.9120

User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		195.3260	11.5434	0.0000	483.9120

Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	962.24	195.3260	11.5434	0.0000	483.9120
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		195.3260	11.5434	0.0000	483.9120

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2030 Operation Only - San Joaquin County, Summer

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2030 Operation Only
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	184	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 8

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

- Demolition -
- Grading -
- Vehicle Trips - CalEEMod Note 7
- Consumer Products -
- Area Coating -
- Energy Use -
- Water And Wastewater -
- Solid Waste -
- Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	55.00	1.00
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.58	0.64
tblFleetMix	LDA	0.58	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MDV	0.10	0.11
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00

tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	184
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	459.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	974.00
tblVehicleTrips	WD_TR	0.00	459.00

2.0 Emissions Summary

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					
2023	14,280.4973	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	1,107.1850	1,107.1850	0.0238	0.0000	1,107.7806
Maximum	14,280.4973	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	1,107.1850	1,107.1850	0.0238	0.0000	1,107.7806

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	14,280.4973	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	1,107.1850	1,107.1850	0.0238	0.0000	1,107.7806
Maximum	14,280.4973	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	1,107.1850	1,107.1850	0.0238	0.0000	1,107.7806

	ROG	NOx	CO	SO2	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

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
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Category	lb/day										lb/day					
Area	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081
Energy	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
Mobile	2.2540	52.5447	23.0670	0.2739	12.9860	0.0997	13.0857	3.4835	0.0941	3.5776		28,446.4005	28,446.4005	0.9494		28,470.1360
Total	28.3089	54.2259	24.6126	0.2840	12.9860	0.2278	13.2139	3.4835	0.2223	3.7058		30,462.6650	30,462.6650	0.9888	0.0370	30,498.3991

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	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081
Energy	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
Mobile	2.2540	52.5447	23.0670	0.2739	12.9860	0.0997	13.0857	3.4835	0.0941	3.5776		28,446.4005	28,446.4005	0.9494		28,470.1360
Total	28.3089	54.2259	24.6126	0.2840	12.9860	0.2278	13.2139	3.4835	0.2223	3.7058		30,462.6650	30,462.6650	0.9888	0.0370	30,498.3991

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	4/3/2023	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	lb/day										lb/day					
Archit. Coating	14,280.0457					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	14,280.0457	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.4517	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		1,107.1850	1,107.1850	0.0238		1,107.7806
Total	0.4517	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		1,107.1850	1,107.1850	0.0238		1,107.7806

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	14,280.0457					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	14,280.0457	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.4517	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		1,107.1850	1,107.1850	0.0238		1,107.7806
Total	0.4517	0.2610	3.4141	0.0111	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		1,107.1850	1,107.1850	0.0238		1,107.7806

4.0 Operational Detail - Mobile

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	2.2540	52.5447	23.0670	0.2739	12.9860	0.0997	13.0857	3.4835	0.0941	3.5776		28,446.4005	28,446.4005	0.9494		28,470.1360
Unmitigated	2.2540	52.5447	23.0670	0.2739	12.9860	0.0997	13.0857	3.4835	0.0941	3.5776		28,446.4005	28,446.4005	0.9494		28,470.1360

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	1,433.00	1,433.00	1,433.00	5,935,423	5,935,423

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %
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Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Parking Lot	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Unrefrigerated Warehouse-No	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
User Defined Commercial	0.642287	0.035684	0.210955	0.111074	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975	2,015.975	0.0386	0.0370	2,027.955
NaturalGas Unmitigated	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975	2,015.975	0.0386	0.0370	2,027.955

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	17135.8	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0
User Defined Commercial	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
User Defined Industrial	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
Total		0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	17.1358	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0
User Defined Commercial	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
User Defined Industrial	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
Total		0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081
Unmitigated	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081

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	3.9123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.9454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0123	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081
Total	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081

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	3.9123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.9454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0123	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081
Total	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2030 Operation Only - San Joaquin County, Winter

**Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2030 Operation Only
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Unrefrigerated Warehouse-No Rail	1,023.66	1000sqft	23.50	1,023,660.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0
Other Non-Asphalt Surfaces	20.97	Acre	20.97	0.00	0
Parking Lot	276.00	Space	2.48	110,400.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	184	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 8
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -

- Demolition -
- Grading -
- Vehicle Trips - CalEEMod Note 7
- Consumer Products -
- Area Coating -
- Energy Use -
- Water And Wastewater -
- Solid Waste -
- Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	55.00	1.00
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.58	0.64
tblFleetMix	LDA	0.58	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MDV	0.10	0.11
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00

tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblLandUse	LandUseSquareFeet	913,453.20	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	184
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	459.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	974.00
tblVehicleTrips	WD_TR	0.00	459.00

2.0 Emissions Summary

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					
2023	14,280.5118	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	989.0404	989.0404	0.0210	0.0000	989.5641
Maximum	14,280.5118	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	989.0404	989.0404	0.0210	0.0000	989.5641

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	14,280.5118	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	989.0404	989.0404	0.0210	0.0000	989.5641
Maximum	14,280.5118	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282	0.0000	989.0404	989.0404	0.0210	0.0000	989.5641

	ROG	NOx	CO	SO2	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

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
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Category	lb/day										lb/day					
Area	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081
Energy	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
Mobile	2.0511	52.7809	22.2446	0.2606	12.9860	0.1007	13.0867	3.4835	0.0951	3.5786		27,078.3220	27,078.3220	1.0490		27,104.5467
Total	28.1060	54.4621	23.7902	0.2707	12.9860	0.2289	13.2149	3.4835	0.2233	3.7068		29,094.5865	29,094.5865	1.0884	0.0370	29,132.8098

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	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081
Energy	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.9751	2,015.9751	0.0386	0.0370	2,027.9550
Mobile	2.0511	52.7809	22.2446	0.2606	12.9860	0.1007	13.0867	3.4835	0.0951	3.5786		27,078.3220	27,078.3220	1.0490		27,104.5467
Total	28.1060	54.4621	23.7902	0.2707	12.9860	0.2289	13.2149	3.4835	0.2233	3.7068		29,094.5865	29,094.5865	1.0884	0.0370	29,132.8098

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	4/3/2023	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 23.45

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,535,490; Non-Residential Outdoor: 511,830; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	95.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	lb/day										lb/day					
Archit. Coating	14,280.0457					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	14,280.0457	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.4661	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		989.0404	989.0404	0.0210		989.5641
Total	0.4661	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		989.0404	989.0404	0.0210		989.5641

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	14,280.0457					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	14,280.0457	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.4661	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		989.0404	989.0404	0.0210		989.5641
Total	0.4661	0.3169	2.8939	9.9200e-003	1.2134	6.9500e-003	1.2204	0.3218	6.4000e-003	0.3282		989.0404	989.0404	0.0210		989.5641

4.0 Operational Detail - Mobile

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	2.0511	52.7809	22.2446	0.2606	12.9860	0.1007	13.0867	3.4835	0.0951	3.5786		27,078.3220	27,078.3220	1.0490		27,104.5467
Unmitigated	2.0511	52.7809	22.2446	0.2606	12.9860	0.1007	13.0867	3.4835	0.0951	3.5786		27,078.3220	27,078.3220	1.0490		27,104.5467

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	1,433.00	1,433.00	1,433.00	5,935,423	5,935,423

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %
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Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	14.70	6.60	6.60	59.00	0.00	41.00	92	5	3
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Parking Lot	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Unrefrigerated Warehouse-No	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
User Defined Commercial	0.642287	0.035684	0.210955	0.111074	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975	2,015.975	0.0386	0.0370	2,027.955
NaturalGas Unmitigated	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975	2,015.975	0.0386	0.0370	2,027.955

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	17135.8	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0
User Defined Commercial	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
User Defined Industrial	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
Total		0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	17.1358	0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0
User Defined Commercial	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
User Defined Industrial	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
Total		0.1848	1.6800	1.4112	0.0101		0.1277	0.1277		0.1277	0.1277		2,015.975 1	2,015.975 1	0.0386	0.0370	2,027.955 0

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081
Unmitigated	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081

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	3.9123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.9454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0123	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081
Total	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081

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	3.9123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	21.9454					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0123	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081
Total	25.8701	1.2100e-003	0.1344	1.0000e-005		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004		0.2895	0.2895	7.5000e-004		0.3081

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcels) - 2024 PASSENGER VEH ONSITE PM10 - San Joaquin County, Annual

**Tracy Alliance Phase 2 (Suvik Farms Parcels) - 2024 PASSENGER VEH ONSITE PM10
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Vehicles only
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Passenger vehicles - on-site vehicles only, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1880e-003	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblVehicleTrips	CC_TL	7.30	0.40
tblVehicleTrips	CNW_TL	7.30	0.40
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	0.40
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	974.00

tblVehicleTrips	WD_TR	0.00	974.00
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2.0 Emissions Summary

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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)
		Highest		

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.1432	0.0485	0.6545	7.0000e-004	0.0522	1.1600e-003	0.0534	0.0139	1.0700e-003	0.0150	0.0000	63.0190	63.0190	3.0700e-003	0.0000	63.0956
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
Total	0.1432	0.0485	0.6546	7.0000e-004	0.0522	1.1600e-003	0.0534	0.0139	1.0700e-003	0.0150	0.0000	63.0190	63.0190	3.0700e-003	0.0000	63.0957

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.1432	0.0485	0.6545	7.0000e-004	0.0522	1.1600e-003	0.0534	0.0139	1.0700e-003	0.0150	0.0000	63.0190	63.0190	3.0700e-003	0.0000	63.0956
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
Total	0.1432	0.0485	0.6546	7.0000e-004	0.0522	1.1600e-003	0.0534	0.0139	1.0700e-003	0.0150	0.0000	63.0190	63.0190	3.0700e-003	0.0000	63.0957

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	4/2/2023	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.1432	0.0485	0.6545	7.0000e-004	0.0522	1.1600e-003	0.0534	0.0139	1.0700e-003	0.0150	0.0000	63.0190	63.0190	3.0700e-003	0.0000	63.0956

Unmitigated	0.1432	0.0485	0.6545	7.0000e-004	0.0522	1.1600e-003	0.0534	0.0139	1.0700e-003	0.0150	0.0000	63.0190	63.0190	3.0700e-003	0.0000	63.0956
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	974.00	974.00	974.00	141,814	141,814
Total	974.00	974.00	974.00	141,814	141,814

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	0.40	0.40	0.40	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.629586	0.037930	0.207085	0.125399	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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

Mitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000

Total		0.0000	0.0000	0.0000	0.0000
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Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined	0	0.0000	0.0000	0.0000	0.0000
Commercial					
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 2 (Suvik Farms Parcels) - 2024 TRUCKS ONSITE PM10 - San Joaquin County, Annual

**Tracy Alliance Phase 2 (Suvik Farms Parcels) - 2024 TRUCKS ONSITE PM10
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Trucks only
- Construction Phase -
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Trucks only - on-site only, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1880e-003	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblVehicleTrips	CC_TL	7.30	0.40
tblVehicleTrips	CNW_TL	7.30	0.40
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	0.40
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	0.00	459.00
tblVehicleTrips	WD_TR	0.00	459.00

2.0 Emissions Summary

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					
2023	5.2700e-003	0.0358	0.0498	8.0000e-005	0.0000	1.9500e-003	1.9500e-003	0.0000	1.9500e-003	1.9500e-003	0.0000	7.0215	7.0215	4.2000e-004	0.0000	7.0320
Maximum	5.2700e-003	0.0358	0.0498	8.0000e-005	0.0000	1.9500e-003	1.9500e-003	0.0000	1.9500e-003	1.9500e-003	0.0000	7.0215	7.0215	4.2000e-004	0.0000	7.0320

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					
2023	5.2700e-003	0.0358	0.0498	8.0000e-005	0.0000	1.9500e-003	1.9500e-003	0.0000	1.9500e-003	1.9500e-003	0.0000	7.0214	7.0214	4.2000e-004	0.0000	7.0319
Maximum	5.2700e-003	0.0358	0.0498	8.0000e-005	0.0000	1.9500e-003	1.9500e-003	0.0000	1.9500e-003	1.9500e-003	0.0000	7.0214	7.0214	4.2000e-004	0.0000	7.0319

	ROG	NOx	CO	SO2	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)
		Highest		

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.1011	6.6858	0.6298	0.0104	0.0284	1.2700e-003	0.0297	7.8200e-003	1.2200e-003	9.0400e-003	0.0000	993.9479	993.9479	0.1432	0.0000	997.5273
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
Total	0.1011	6.6858	0.6299	0.0104	0.0284	1.2700e-003	0.0297	7.8200e-003	1.2200e-003	9.0400e-003	0.0000	993.9479	993.9479	0.1432	0.0000	997.5273

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.1011	6.6858	0.6298	0.0104	0.0284	1.2700e-003	0.0297	7.8200e-003	1.2200e-003	9.0400e-003	0.0000	993.9479	993.9479	0.1432	0.0000	997.5273
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
Total	0.1011	6.6858	0.6299	0.0104	0.0284	1.2700e-003	0.0297	7.8200e-003	1.2200e-003	9.0400e-003	0.0000	993.9479	993.9479	0.1432	0.0000	997.5273

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	6/16/2023	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.1011	6.6858	0.6298	0.0104	0.0284	1.2700e-003	0.0297	7.8200e-003	1.2200e-003	9.0400e-003	0.0000	993.9479	993.9479	0.1432	0.0000	997.5273
Unmitigated	0.1011	6.6858	0.6298	0.0104	0.0284	1.2700e-003	0.0297	7.8200e-003	1.2200e-003	9.0400e-003	0.0000	993.9479	993.9479	0.1432	0.0000	997.5273

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	459.00	459.00	459.00	66,830	66,830
Total	459.00	459.00	459.00	66,830	66,830

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	0.40	0.40	0.40	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	0.0000

5.2 Energy by Land Use - Natural Gas

Unmitigated

	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					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 PASSENGER VEH ONLY - San Joaquin County, Annual

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 PASSENGER VEH ONLY
San Joaquin County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Vehicles only
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Passenger vehicles only - adjusted trip distances to match collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1880e-003	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	974.00

tblVehicleTrips	WD_TR	0.00	974.00
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2.0 Emissions Summary

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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)
		Highest		

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.1915	0.3123	3.2383	0.0128	1.4859	8.0600e-003	1.4939	0.3948	7.4200e-003	0.4022	0.0000	1,160.7865	1,160.7865	0.0206	0.0000	1,161.3011
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
Total	0.1915	0.3123	3.2383	0.0128	1.4859	8.0600e-003	1.4939	0.3948	7.4200e-003	0.4022	0.0000	1,160.7865	1,160.7865	0.0206	0.0000	1,161.3011

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.1915	0.3123	3.2383	0.0128	1.4859	8.0600e-003	1.4939	0.3948	7.4200e-003	0.4022	0.0000	1,160.7865	1,160.7865	0.0206	0.0000	1,161.3011
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
Total	0.1915	0.3123	3.2383	0.0128	1.4859	8.0600e-003	1.4939	0.3948	7.4200e-003	0.4022	0.0000	1,160.7865	1,160.7865	0.0206	0.0000	1,161.3011

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	4/2/2023	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.1915	0.3123	3.2383	0.0128	1.4859	8.0600e-003	1.4939	0.3948	7.4200e-003	0.4022	0.0000	1,160.7865	1,160.7865	0.0206	0.0000	1,161.3011

Unmitigated	0.1915	0.3123	3.2383	0.0128	1.4859	8.0600e-003	1.4939	0.3948	7.4200e-003	0.4022	0.0000	1,160.7865	1,160.7865	0.0206	0.0000	1,161.3011
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
Total	974.00	974.00	974.00	4,034,265	4,034,265

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.629586	0.037930	0.207085	0.125399	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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

Mitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000

Total		0.0000	0.0000	0.0000	0.0000
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Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined	0	0.0000	0.0000	0.0000	0.0000
Commercial					
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 PASSENGER VEH ONLY - San Joaquin County, Summer

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 PASSENGER VEH ONLY
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Vehicles only
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Passenger vehicles only - adjusted trip distances to match collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1880e-003	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	974.00

tblVehicleTrips	WD_TR	0.00	974.00
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2.0 Emissions Summary

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0708	0.0000	0.0000	0.0708	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0708	0.0000	0.0000	0.0708	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0708	0.0000	0.0000	0.0708	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0708	0.0000	0.0000	0.0708	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	1.3383	1.5605	20.4129	0.0767	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		7,656.5011	7,656.5011	0.1371		7,659.9276
Total	1.3383	1.5605	20.4130	0.0767	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		7,656.5013	7,656.5013	0.1371	0.0000	7,659.9278

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	1.3383	1.5605	20.4129	0.0767	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		7,656.5011	7,656.5011	0.1371		7,659.9276
Total	1.3383	1.5605	20.4130	0.0767	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		7,656.5013	7,656.5013	0.1371	0.0000	7,659.9278

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	4/2/2023	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	1.3383	1.5605	20.4129	0.0767	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		7,656.501	7,656.501	0.1371		7,659.927
Unmitigated	1.3383	1.5605	20.4129	0.0767	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		7,656.501	7,656.501	0.1371		7,659.927

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
Total	974.00	974.00	974.00	4,034,265	4,034,265

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.629586	0.037930	0.207085	0.125399	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	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
	kBTU/yr	lb/day										lb/day					

User Defined Commercial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
User Defined Commercial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 PASSENGER VEH ONLY - San Joaquin County, Winter

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 PASSENGER VEH ONLY
San Joaquin County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Vehicles only
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Passenger vehicles only - adjusted trip distances to match collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1880e-003	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	974.00
tblVehicleTrips	SU_TR	0.00	974.00

tblVehicleTrips	WD_TR	0.00	974.00
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2.0 Emissions Summary

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0708	0.0000	0.0000	0.0708	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0708	0.0000	0.0000	0.0708	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0708	0.0000	0.0000	0.0708	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0708	0.0000	0.0000	0.0708	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.9753	1.8856	17.6466	0.0686	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		6,844.2255	6,844.2255	0.1219		6,847.2738
Total	0.9753	1.8856	17.6467	0.0686	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		6,844.2257	6,844.2257	0.1219	0.0000	6,847.2740

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.9753	1.8856	17.6466	0.0686	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		6,844.2255	6,844.2255	0.1219		6,847.2738
Total	0.9753	1.8856	17.6467	0.0686	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		6,844.2257	6,844.2257	0.1219	0.0000	6,847.2740

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	4/2/2023	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.9753	1.8856	17.6466	0.0686	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		6,844.225	6,844.225	0.1219		6,847.273
												5	5			8
Unmitigated	0.9753	1.8856	17.6466	0.0686	8.4200	0.0443	8.4643	2.2321	0.0408	2.2729		6,844.225	6,844.225	0.1219		6,847.273
												5	5			8

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	974.00	974.00	974.00	4,034,265	4,034,265
Total	974.00	974.00	974.00	4,034,265	4,034,265

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.629586	0.037930	0.207085	0.125399	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	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
	kBTU/yr	lb/day										lb/day					

User Defined Commercial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
User Defined Commercial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 TRUCKS ONLY - San Joaquin County, Annual

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 TRUCKS ONLY San Joaquin County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Trucks only
- Construction Phase -
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Trucks only - adjusted trip distances to match collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1880e-003	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	0.00	459.00

tblVehicleTrips	WD_TR	0.00	459.00
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2.0 Emissions Summary

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					
2023	5.2700e-003	0.0358	0.0498	8.0000e-005	0.0000	1.9500e-003	1.9500e-003	0.0000	1.9500e-003	1.9500e-003	0.0000	7.0215	7.0215	4.2000e-004	0.0000	7.0320
Maximum	5.2700e-003	0.0358	0.0498	8.0000e-005	0.0000	1.9500e-003	1.9500e-003	0.0000	1.9500e-003	1.9500e-003	0.0000	7.0215	7.0215	4.2000e-004	0.0000	7.0320

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					
2023	5.2700e-003	0.0358	0.0498	8.0000e-005	0.0000	1.9500e-003	1.9500e-003	0.0000	1.9500e-003	1.9500e-003	0.0000	7.0214	7.0214	4.2000e-004	0.0000	7.0319
Maximum	5.2700e-003	0.0358	0.0498	8.0000e-005	0.0000	1.9500e-003	1.9500e-003	0.0000	1.9500e-003	1.9500e-003	0.0000	7.0214	7.0214	4.2000e-004	0.0000	7.0319

	ROG	NOx	CO	SO2	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)
		Highest		

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.2678	10.2112	1.8163	0.0394	0.8090	0.0131	0.8222	0.2224	0.0126	0.2349	0.0000	3,749.6807	3,749.6807	0.1637	0.0000	3,753.7732
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
Total	0.2678	10.2112	1.8163	0.0394	0.8090	0.0131	0.8222	0.2224	0.0126	0.2349	0.0000	3,749.6807	3,749.6807	0.1637	0.0000	3,753.7732

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.2678	10.2112	1.8163	0.0394	0.8090	0.0131	0.8222	0.2224	0.0126	0.2349	0.0000	3,749.6807	3,749.6807	0.1637	0.0000	3,753.7732
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
Total	0.2678	10.2112	1.8163	0.0394	0.8090	0.0131	0.8222	0.2224	0.0126	0.2349	0.0000	3,749.6807	3,749.6807	0.1637	0.0000	3,753.7732

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	6/16/2023	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.2678	10.2112	1.8163	0.0394	0.8090	0.0131	0.8222	0.2224	0.0126	0.2349	0.0000	3,749.6807	3,749.6807	0.1637	0.0000	3,753.7732

Unmitigated	0.2678	10.2112	1.8163	0.0394	0.8090	0.0131	0.8222	0.2224	0.0126	0.2349	0.0000	3,749.680	3,749.680	0.1637	0.0000	3,753.773
												7	7			2

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	459.00	459.00	459.00	1,901,158	1,901,158

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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

Mitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000

Total		0.0000	0.0000	0.0000	0.0000
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Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined	0	0.0000	0.0000	0.0000	0.0000
Industrial					
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 TRUCKS ONLY - San Joaquin County, Summer

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 TRUCKS ONLY
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Trucks only
- Construction Phase -
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Trucks only - adjusted trip distances to match collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1880e-003	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	0.00	459.00

tblVehicleTrips	WD_TR	0.00	459.00
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2.0 Emissions Summary

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	1.4406	55.7116	9.4196	0.2196	4.5658	0.0715	4.6373	1.2514	0.0684	1.3198		23,059.2192	23,059.2192	0.9429		23,082.7923
Total	1.4406	55.7116	9.4197	0.2196	4.5658	0.0715	4.6373	1.2514	0.0684	1.3198		23,059.2194	23,059.2194	0.9429	0.0000	23,082.7926

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	1.4406	55.7116	9.4196	0.2196	4.5658	0.0715	4.6373	1.2514	0.0684	1.3198		23,059.2192	23,059.2192	0.9429		23,082.7923
Total	1.4406	55.7116	9.4197	0.2196	4.5658	0.0715	4.6373	1.2514	0.0684	1.3198		23,059.2194	23,059.2194	0.9429	0.0000	23,082.7926

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	6/16/2023	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	1.4406	55.7116	9.4196	0.2196	4.5658	0.0715	4.6373	1.2514	0.0684	1.3198		23,059.2192	23,059.2192	0.9429		23,082.7923
Unmitigated	1.4406	55.7116	9.4196	0.2196	4.5658	0.0715	4.6373	1.2514	0.0684	1.3198		23,059.2192	23,059.2192	0.9429		23,082.7923

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	459.00	459.00	459.00	1,901,158	1,901,158

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	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
	kBTU/yr	lb/day										lb/day					

User Defined Industrial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
User Defined Industrial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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

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

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 TRUCKS ONLY - San Joaquin County, Winter

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 TRUCKS ONLY
San Joaquin County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Trucks only
- Construction Phase -
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Demolition -
- Grading -
- Vehicle Trips - Trucks only - adjusted trip distances to match collective model, 100% primary
- Consumer Products - Vehicles only

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	4.3970e-003	0.00
tblFleetMix	MCY	4.9180e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.2200e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1880e-003	0.00
tblFleetMix	SBUS	6.0200e-004	0.00
tblFleetMix	UBUS	1.3710e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	459.00
tblVehicleTrips	SU_TR	0.00	459.00

tblVehicleTrips	WD_TR	0.00	459.00
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2.0 Emissions Summary

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					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	1.5102	55.8696	10.7656	0.2123	4.5658	0.0732	4.6390	1.2514	0.0700	1.3214		22,293.3948	22,293.3948	1.0598		22,319.8908
Total	1.5102	55.8696	10.7657	0.2123	4.5658	0.0732	4.6390	1.2514	0.0700	1.3214		22,293.3950	22,293.3950	1.0598	0.0000	22,319.8910

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	1.5102	55.8696	10.7656	0.2123	4.5658	0.0732	4.6390	1.2514	0.0700	1.3214		22,293.3948	22,293.3948	1.0598		22,319.8908
Total	1.5102	55.8696	10.7657	0.2123	4.5658	0.0732	4.6390	1.2514	0.0700	1.3214		22,293.3950	22,293.3950	1.0598	0.0000	22,319.8910

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/3/2023	6/16/2023	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	1.5102	55.8696	10.7656	0.2123	4.5658	0.0732	4.6390	1.2514	0.0700	1.3214		22,293.39 48	22,293.39 48	1.0598		22,319.89 08
Unmitigated	1.5102	55.8696	10.7656	0.2123	4.5658	0.0732	4.6390	1.2514	0.0700	1.3214		22,293.39 48	22,293.39 48	1.0598		22,319.89 08

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	459.00	459.00	459.00	1,901,158	1,901,158
Total	459.00	459.00	459.00	1,901,158	1,901,158

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	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
	kBTU/yr	lb/day										lb/day					

User Defined Industrial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
User Defined Industrial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - DEFAULT CONSTRUCTION MODEL - San Joaquin County, Annual

Tracy Alliance Phase 3 (Zuriakat Parcel) - DEFAULT CONSTRUCTION MODEL San Joaquin County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - CalEEMod Note 2

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	422,967.60	0.00

2.0 Emissions Summary

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					
2024	0.2473	2.2802	2.2395	6.0400e-003	0.4035	0.0808	0.4843	0.1564	0.0753	0.2317	0.0000	540.7254	540.7254	0.0899	0.0000	542.9718
2025	0.7719	2.4260	2.7153	7.9700e-003	0.2842	0.0691	0.3533	0.0772	0.0649	0.1421	0.0000	718.5168	718.5168	0.0850	0.0000	720.6425
2026	2.8440	0.0103	0.0219	5.0000e-005	3.0500e-003	4.6000e-004	3.5000e-003	8.1000e-004	4.5000e-004	1.2600e-003	0.0000	4.3079	4.3079	1.6000e-004	0.0000	4.3118
Maximum	2.8440	2.4260	2.7153	7.9700e-003	0.4035	0.0808	0.4843	0.1564	0.0753	0.2317	0.0000	718.5168	718.5168	0.0899	0.0000	720.6425

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					
2024	0.2473	2.2802	2.2395	6.0400e-003	0.4035	0.0808	0.4843	0.1564	0.0753	0.2317	0.0000	540.7250	540.7250	0.0899	0.0000	542.9715
2025	0.7719	2.4260	2.7153	7.9700e-003	0.2842	0.0691	0.3533	0.0772	0.0649	0.1421	0.0000	718.5165	718.5165	0.0850	0.0000	720.6421
2026	2.8440	0.0103	0.0219	5.0000e-005	3.0500e-003	4.6000e-004	3.5000e-003	8.1000e-004	4.5000e-004	1.2600e-003	0.0000	4.3079	4.3079	1.6000e-004	0.0000	4.3118
Maximum	2.8440	2.4260	2.7153	7.9700e-003	0.4035	0.0808	0.4843	0.1564	0.0753	0.2317	0.0000	718.5165	718.5165	0.0899	0.0000	720.6421

	ROG	NOx	CO	SO2	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	4-1-2024	6-30-2024	1.0061	1.0061
2	7-1-2024	9-30-2024	0.7563	0.7563

3	10-1-2024	12-31-2024	0.7600	0.7600
4	1-1-2025	3-31-2025	0.7038	0.7038
5	4-1-2025	6-30-2025	0.7082	0.7082
6	7-1-2025	9-30-2025	0.7160	0.7160
7	10-1-2025	12-31-2025	1.1584	1.1584
8	1-1-2026	3-31-2026	2.7586	2.7586
		Highest	2.7586	2.7586

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	2.2098	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
Energy	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	803.1418	803.1418	0.0323	8.9200e-003	806.6050
Mobile	0.1957	1.3100	2.2307	0.0105	0.8825	6.9100e-003	0.8894	0.2365	6.4500e-003	0.2429	0.0000	964.8988	964.8988	0.0362	0.0000	965.8025
Waste						0.0000	0.0000		0.0000	0.0000	91.4292	0.0000	91.4292	5.4033	0.0000	226.5119
Water						0.0000	0.0000		0.0000	0.0000	35.1536	174.4218	209.5753	3.6185	0.0869	325.9297
Total	2.4213	1.4536	2.3571	0.0113	0.8825	0.0178	0.9003	0.2365	0.0174	0.2539	126.5827	1,942.4736	2,069.0563	9.0902	0.0958	2,324.8610

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	2.2098	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
Energy	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	803.1418	803.1418	0.0323	8.9200e-003	806.6050
Mobile	0.1957	1.3100	2.2307	0.0105	0.8825	6.9100e-003	0.8894	0.2365	6.4500e-003	0.2429	0.0000	964.8988	964.8988	0.0362	0.0000	965.8025
Waste						0.0000	0.0000		0.0000	0.0000	91.4292	0.0000	91.4292	5.4033	0.0000	226.5119
Water						0.0000	0.0000		0.0000	0.0000	35.1536	174.4218	209.5753	3.6185	0.0869	325.9297
Total	2.4213	1.4536	2.3571	0.0113	0.8825	0.0178	0.9003	0.2365	0.0174	0.2539	126.5827	1,942.4736	2,069.0563	9.0902	0.0958	2,324.8610

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2024	4/26/2024	5	20	
2	Site Preparation	Site Preparation	4/27/2024	5/10/2024	5	10	
3	Grading	Grading	5/11/2024	6/28/2024	5	35	
4	Building Construction	Building Construction	6/29/2024	11/28/2025	5	370	
5	Paving	Paving	11/29/2025	12/26/2025	5	20	
6	Architectural Coating	Architectural Coating	12/27/2025	1/23/2026	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.5

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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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

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	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	225.00	88.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 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	0.0224	0.2088	0.1971	3.9000e-004		9.6000e-003	9.6000e-003		8.9200e-003	8.9200e-003	0.0000	33.9961	33.9961	9.5100e-003	0.0000	34.2338
Total	0.0224	0.2088	0.1971	3.9000e-004		9.6000e-003	9.6000e-003		8.9200e-003	8.9200e-003	0.0000	33.9961	33.9961	9.5100e-003	0.0000	34.2338

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	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066
Total	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066

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	0.0224	0.2088	0.1971	3.9000e-004		9.6000e-003	9.6000e-003		8.9200e-003	8.9200e-003	0.0000	33.9960	33.9960	9.5100e-003	0.0000	34.2338
Total	0.0224	0.2088	0.1971	3.9000e-004		9.6000e-003	9.6000e-003		8.9200e-003	8.9200e-003	0.0000	33.9960	33.9960	9.5100e-003	0.0000	34.2338

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	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066
Total	4.5000e-004	2.8000e-004	2.9600e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9061	0.9061	2.0000e-005	0.0000	0.9066

3.3 Site Preparation - 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					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004		6.1500e-003	6.1500e-003		5.6600e-003	5.6600e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638

Total	0.0133	0.1359	0.0917	1.9000e-004	0.0903	6.1500e-003	0.0965	0.0497	5.6600e-003	0.0553	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.7000e-004	1.7700e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5437	0.5437	1.0000e-005	0.0000	0.5439
Total	2.7000e-004	1.7000e-004	1.7700e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5437	0.5437	1.0000e-005	0.0000	0.5439

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	0.0133	0.1359	0.0917	1.9000e-004		6.1500e-003	6.1500e-003		5.6500e-003	5.6500e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
Total	0.0133	0.1359	0.0917	1.9000e-004	0.0903	6.1500e-003	0.0965	0.0497	5.6500e-003	0.0553	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	1.7000e-004	1.7700e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5437	0.5437	1.0000e-005	0.0000	0.5439
Total	2.7000e-004	1.7000e-004	1.7700e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5437	0.5437	1.0000e-005	0.0000	0.5439

3.4 Grading - 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					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0563	0.5666	0.4852	1.0900e-003		0.0234	0.0234		0.0215	0.0215	0.0000	95.4092	95.4092	0.0309	0.0000	96.1806
Total	0.0563	0.5666	0.4852	1.0900e-003	0.1518	0.0234	0.1752	0.0629	0.0215	0.0844	0.0000	95.4092	95.4092	0.0309	0.0000	96.1806

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	1.0400e-003	6.4000e-004	6.9000e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8000e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.1142	2.1142	4.0000e-005	0.0000	2.1153
Total	1.0400e-003	6.4000e-004	6.9000e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8000e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.1142	2.1142	4.0000e-005	0.0000	2.1153

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					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0563	0.5666	0.4852	1.0900e-003		0.0234	0.0234		0.0215	0.0215	0.0000	95.4091	95.4091	0.0309	0.0000	96.1805
Total	0.0563	0.5666	0.4852	1.0900e-003	0.1518	0.0234	0.1752	0.0629	0.0215	0.0844	0.0000	95.4091	95.4091	0.0309	0.0000	96.1805

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	1.0400e-003	6.4000e-004	6.9000e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8000e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.1142	2.1142	4.0000e-005	0.0000	2.1153
Total	1.0400e-003	6.4000e-004	6.9000e-003	2.0000e-005	2.7900e-003	2.0000e-005	2.8000e-003	7.4000e-004	2.0000e-005	7.6000e-004	0.0000	2.1142	2.1142	4.0000e-005	0.0000	2.1153

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0971	0.8873	1.0670	1.7800e-003		0.0405	0.0405		0.0381	0.0381	0.0000	153.0204	153.0204	0.0362	0.0000	153.9250
Total	0.0971	0.8873	1.0670	1.7800e-003		0.0405	0.0405		0.0381	0.0381	0.0000	153.0204	153.0204	0.0362	0.0000	153.9250

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	0.0123	0.4533	0.0942	1.5600e-003	0.0384	4.6000e-004	0.0388	0.0111	4.4000e-004	0.0115	0.0000	148.3037	148.3037	5.9800e-003	0.0000	148.4532
Worker	0.0441	0.0273	0.2928	9.9000e-004	0.1183	7.1000e-004	0.1190	0.0315	6.5000e-004	0.0321	0.0000	89.7035	89.7035	1.8400e-003	0.0000	89.7496
Total	0.0563	0.4805	0.3870	2.5500e-003	0.1567	1.1700e-003	0.1578	0.0425	1.0900e-003	0.0436	0.0000	238.0072	238.0072	7.8200e-003	0.0000	238.2028

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	0.0971	0.8873	1.0670	1.7800e-003		0.0405	0.0405		0.0381	0.0381	0.0000	153.0202	153.0202	0.0362	0.0000	153.9249

Total	0.0971	0.8873	1.0670	1.7800e-003		0.0405	0.0405		0.0381	0.0381	0.0000	153.0202	153.0202	0.0362	0.0000	153.9249
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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	0.0123	0.4533	0.0942	1.5600e-003	0.0384	4.6000e-004	0.0388	0.0111	4.4000e-004	0.0115	0.0000	148.3037	148.3037	5.9800e-003	0.0000	148.4532
Worker	0.0441	0.0273	0.2928	9.9000e-004	0.1183	7.1000e-004	0.1190	0.0315	6.5000e-004	0.0321	0.0000	89.7035	89.7035	1.8400e-003	0.0000	89.7496
Total	0.0563	0.4805	0.3870	2.5500e-003	0.1567	1.1700e-003	0.1578	0.0425	1.0900e-003	0.0436	0.0000	238.0072	238.0072	7.8200e-003	0.0000	238.2028

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1627	1.4839	1.9141	3.2100e-003		0.0628	0.0628		0.0591	0.0591	0.0000	275.9842	275.9842	0.0649	0.0000	277.6060
Total	0.1627	1.4839	1.9141	3.2100e-003		0.0628	0.0628		0.0591	0.0591	0.0000	275.9842	275.9842	0.0649	0.0000	277.6060

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	0.0215	0.8097	0.1621	2.7900e-003	0.0692	8.2000e-004	0.0700	0.0200	7.9000e-004	0.0208	0.0000	265.5300	265.5300	0.0106	0.0000	265.7958
Worker	0.0746	0.0445	0.4867	1.7200e-003	0.2133	1.2500e-003	0.2145	0.0567	1.1500e-003	0.0579	0.0000	155.3385	155.3385	3.0000e-003	0.0000	155.4136
Total	0.0961	0.8542	0.6488	4.5100e-003	0.2825	2.0700e-003	0.2845	0.0767	1.9400e-003	0.0786	0.0000	420.8686	420.8686	0.0136	0.0000	421.2094

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	0.1627	1.4839	1.9141	3.2100e-003		0.0628	0.0628		0.0591	0.0591	0.0000	275.9838	275.9838	0.0649	0.0000	277.6057
Total	0.1627	1.4839	1.9141	3.2100e-003		0.0628	0.0628		0.0591	0.0591	0.0000	275.9838	275.9838	0.0649	0.0000	277.6057

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	0.0215	0.8097	0.1621	2.7900e-003	0.0692	8.2000e-004	0.0700	0.0200	7.9000e-004	0.0208	0.0000	265.5300	265.5300	0.0106	0.0000	265.7958
Worker	0.0746	0.0445	0.4867	1.7200e-003	0.2133	1.2500e-003	0.2145	0.0567	1.1500e-003	0.0579	0.0000	155.3385	155.3385	3.0000e-003	0.0000	155.4136
Total	0.0961	0.8542	0.6488	4.5100e-003	0.2825	2.0700e-003	0.2845	0.0767	1.9400e-003	0.0786	0.0000	420.8686	420.8686	0.0136	0.0000	421.2094

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	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	1.6500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0108	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

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	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707
Total	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707

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	1.6500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0108	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

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	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707
Total	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

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

Archit. Coating	0.5015					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	2.6000e-004	1.7200e-003	2.7100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.3830	0.3830	2.0000e-005	0.0000	0.3835
Total	0.5017	1.7200e-003	2.7100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.3830	0.3830	2.0000e-005	0.0000	0.3835

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	1.1000e-004	1.2300e-003	0.0000	5.4000e-004	0.0000	5.4000e-004	1.4000e-004	0.0000	1.5000e-004	0.0000	0.3916	0.3916	1.0000e-005	0.0000	0.3918
Total	1.9000e-004	1.1000e-004	1.2300e-003	0.0000	5.4000e-004	0.0000	5.4000e-004	1.4000e-004	0.0000	1.5000e-004	0.0000	0.3916	0.3916	1.0000e-005	0.0000	0.3918

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	0.5015					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6000e-004	1.7200e-003	2.7100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.3830	0.3830	2.0000e-005	0.0000	0.3835
Total	0.5017	1.7200e-003	2.7100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.3830	0.3830	2.0000e-005	0.0000	0.3835

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	1.1000e-004	1.2300e-003	0.0000	5.4000e-004	0.0000	5.4000e-004	1.4000e-004	0.0000	1.5000e-004	0.0000	0.3916	0.3916	1.0000e-005	0.0000	0.3918
Total	1.9000e-004	1.1000e-004	1.2300e-003	0.0000	5.4000e-004	0.0000	5.4000e-004	1.4000e-004	0.0000	1.5000e-004	0.0000	0.3916	0.3916	1.0000e-005	0.0000	0.3918

3.7 Architectural Coating - 2026

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	2.8416					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4500e-003	9.7400e-003	0.0154	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	2.1703	2.1703	1.2000e-004	0.0000	2.1732
Total	2.8430	9.7400e-003	0.0154	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	2.1703	2.1703	1.2000e-004	0.0000	2.1732

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	1.0100e-003	5.8000e-004	6.5100e-003	2.0000e-005	3.0500e-003	2.0000e-005	3.0600e-003	8.1000e-004	2.0000e-005	8.3000e-004	0.0000	2.1376	2.1376	4.0000e-005	0.0000	2.1386
Total	1.0100e-003	5.8000e-004	6.5100e-003	2.0000e-005	3.0500e-003	2.0000e-005	3.0600e-003	8.1000e-004	2.0000e-005	8.3000e-004	0.0000	2.1376	2.1376	4.0000e-005	0.0000	2.1386

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	2.8416					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4500e-003	9.7400e-003	0.0154	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	2.1703	2.1703	1.2000e-004	0.0000	2.1732
Total	2.8430	9.7400e-003	0.0154	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	2.1703	2.1703	1.2000e-004	0.0000	2.1732

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	1.0100e-003	5.8000e-004	6.5100e-003	2.0000e-005	3.0500e-003	2.0000e-005	3.0600e-003	8.1000e-004	2.0000e-005	8.3000e-004	0.0000	2.1376	2.1376	4.0000e-005	0.0000	2.1386
Total	1.0100e-003	5.8000e-004	6.5100e-003	2.0000e-005	3.0500e-003	2.0000e-005	3.0600e-003	8.1000e-004	2.0000e-005	8.3000e-004	0.0000	2.1376	2.1376	4.0000e-005	0.0000	2.1386

4.0 Operational Detail - Mobile

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	0.1957	1.3100	2.2307	0.0105	0.8825	6.9100e-003	0.8894	0.2365	6.4500e-003	0.2429	0.0000	964.8988	964.8988	0.0362	0.0000	965.8025
Unmitigated	0.1957	1.3100	2.2307	0.0105	0.8825	6.9100e-003	0.8894	0.2365	6.4500e-003	0.2429	0.0000	964.8988	964.8988	0.0362	0.0000	965.8025

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	804.99	804.99	804.99	2,350,174	2,350,174
Total	804.99	804.99	804.99	2,350,174	2,350,174

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

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

Other Non-Asphalt Surfaces	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Parking Lot	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Unrefrigerated Warehouse-No Rail	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	646.9103	646.9103	0.0293	6.0500e-003	649.4451
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	646.9103	646.9103	0.0293	6.0500e-003	649.4451
NaturalGas Mitigated	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599
NaturalGas Unmitigated	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000

Unrefrigerated Warehouse-No	2.92767e+006	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599
Total		0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599

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					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	2.92767e+006	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599
Total		0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19600	5.7019	2.6000e-004	5.0000e-005	5.7242
Unrefrigerated Warehouse-No	2.20414e+006	641.2084	0.0290	6.0000e-003	643.7209
Total		646.9103	0.0293	6.0500e-003	649.4451

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19600	5.7019	2.6000e-004	5.0000e-005	5.7242
Unrefrigerated Warehouse-No	2.20414e+006	641.2084	0.0290	6.0000e-003	643.7209
Total		646.9103	0.0293	6.0500e-003	649.4451

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	2.2098	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
Unmitigated	2.2098	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

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	0.3343						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	1.8750						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	5.3000e-004	5.0000e-005	5.7600e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
Total	2.2098	5.0000e-005	5.7600e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

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	0.3343						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	1.8750						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	5.3000e-004	5.0000e-005	5.7600e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
Total	2.2098	5.0000e-005	5.7600e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e

Category	MT/yr			
Mitigated	209.5753	3.6185	0.0869	325.9297
Unmitigated	209.5753	3.6185	0.0869	325.9297

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	110.806 / 0	209.5753	3.6185	0.0869	325.9297
Total		209.5753	3.6185	0.0869	325.9297

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	110.806 / 0	209.5753	3.6185	0.0869	325.9297

Total		209.5753	3.6185	0.0869	325.9297
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8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	91.4292	5.4033	0.0000	226.5119
Unmitigated	91.4292	5.4033	0.0000	226.5119

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	450.41	91.4292	5.4033	0.0000	226.5119
Total		91.4292	5.4033	0.0000	226.5119

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	450.41	91.4292	5.4033	0.0000	226.5119
Total		91.4292	5.4033	0.0000	226.5119

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 3 (Zuriakat Parcel) - MITIGATED Construction Only - San Joaquin County, Annual

**Tracy Alliance Phase 3 (Zuriakat Parcel) - MITIGATED Construction Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4, CalEEMod Note 9
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Architectural Coating - CalEEMod Note 10

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - CalEEMod Note 9

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	10.00
tblArchitecturalCoating	EF_Parking	150.00	10.00
tblArchitecturalCoating	EF_Residential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Residential_Interior	150.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	NumDays	35.00	145.00
tblConstructionPhase	NumDays	370.00	110.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	HorsePower	84.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	9.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00

tblOffRoadEquipment	UsageHours	8.00	4.80
tblOffRoadEquipment	UsageHours	8.00	6.40
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	7.80
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	6.70
tblOffRoadEquipment	UsageHours	7.00	8.80
tblOffRoadEquipment	UsageHours	8.00	6.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblSolidWaste	SolidWasteGenerationRate	450.41	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	110,805,750.00	0.00

2.0 Emissions Summary

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					
2024	0.0777	0.7487	0.6483	1.4600e-003	0.2515	0.0313	0.2828	0.1146	0.0288	0.1434	0.0000	128.4082	128.4082	0.0384	0.0000	129.3679
2025	0.2888	0.5695	0.7172	1.5200e-003	0.0321	0.0216	0.0537	8.6800e-003	0.0201	0.0287	0.0000	134.3971	134.3971	0.0282	0.0000	135.1028

Maximum	0.2888	0.7487	0.7172	1.5200e-003	0.2515	0.0313	0.2828	0.1146	0.0288	0.1434	0.0000	134.3971	134.3971	0.0384	0.0000	135.1028
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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					
2024	0.0108	0.0387	0.2761	1.4600e-003	0.1192	9.7000e-004	0.1201	0.0532	9.7000e-004	0.0541	0.0000	58.6415	58.6415	0.0160	0.0000	59.0406
2025	0.2379	0.0939	0.1610	1.5200e-003	0.0321	5.5000e-004	0.0326	8.6800e-003	5.3000e-004	9.2100e-003	0.0000	61.2060	61.2060	6.9000e-003	0.0000	61.3784
Maximum	0.2379	0.0939	0.2761	1.5200e-003	0.1192	9.7000e-004	0.1201	0.0532	9.7000e-004	0.0541	0.0000	61.2060	61.2060	0.0160	0.0000	61.3784

	ROG	NOx	CO	SO2	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	32.15	89.94	67.99	0.00	46.67	97.13	54.60	49.83	96.93	63.20	0.00	54.40	54.40	65.69	0.00	54.47

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2024	6-30-2024	0.2167	0.0051
2	7-1-2024	9-30-2024	0.2847	0.0180
3	10-1-2024	12-31-2024	0.3421	0.0307
4	1-1-2025	3-31-2025	0.8159	0.3126
		Highest	0.8159	0.3126

**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	1.8755	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
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
Total	1.8755	5.0000e-005	5.7600e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

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	1.8755	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
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
Total	1.8755	5.0000e-005	5.7600e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

	ROG	NOx	CO	SO2	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	Site Preparation	4/1/2024	6/7/2024	5	50	
2	Grading	Grading	6/8/2024	12/27/2024	5	145	
3	Building Construction	Building Construction	12/28/2024	1/31/2025	5	110	
4	Paving	Paving	2/3/2025	2/28/2025	5	20	
5	Architectural Coating	Architectural Coating	3/3/2025	3/28/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.91

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	1	4.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	6.40	97	0.37
Grading	Excavators	1	3.90	158	0.38
Grading	Graders	1	1.90	187	0.41
Grading	Rubber Tired Dozers	1	1.90	247	0.40
Grading	Scrapers	1	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	1	3.90	97	0.37
Building Construction	Cranes	3	7.80	231	0.29
Building Construction	Forklifts	9	9.00	89	0.20
Building Construction	Generator Sets	4	6.70	5	0.74
Building Construction	Tractors/Loaders/Backhoes	8	8.80	97	0.37
Building Construction	Welders	4	6.70	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

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	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	28	225.00	88.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Alternative Fuel for Construction Equipment
- Use Cleaner Engines for Construction Equipment
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004	6.1500e-003	6.1500e-003	6.1500e-003	5.6600e-003	5.6600e-003	5.6600e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
Total	0.0133	0.1359	0.0917	1.9000e-004	0.0903	6.1500e-003	0.0965	0.0497	5.6600e-003	0.0553	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638

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	2.3000e-004	2.4600e-003	1.0000e-005	1.0000e-003	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.7551	0.7551	2.0000e-005	0.0000	0.7555
Total	3.7000e-004	2.3000e-004	2.4600e-003	1.0000e-005	1.0000e-003	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.7551	0.7551	2.0000e-005	0.0000	0.7555

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					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	1.9000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	1.9000e-004	0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	2.3000e-004	2.4600e-003	1.0000e-005	1.0000e-003	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.7551	0.7551	2.0000e-005	0.0000	0.7555
Total	3.7000e-004	2.3000e-004	2.4600e-003	1.0000e-005	1.0000e-003	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.7551	0.7551	2.0000e-005	0.0000	0.7555

3.3 Grading - 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					0.1503	0.0000	0.1503	0.0620	0.0000	0.0620	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0564	0.5671	0.4877	1.0900e-003		0.0234	0.0234		0.0215	0.0215	0.0000	95.7430	95.7430	0.0310	0.0000	96.5171
Total	0.0564	0.5671	0.4877	1.0900e-003	0.1503	0.0234	0.1737	0.0620	0.0215	0.0836	0.0000	95.7430	95.7430	0.0310	0.0000	96.5171

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	1.7300e-003	0.0186	6.0000e-005	7.5100e-003	5.0000e-005	7.5500e-003	2.0000e-003	4.0000e-005	2.0400e-003	0.0000	5.6933	5.6933	1.2000e-004	0.0000	5.6962
Total	2.8000e-003	1.7300e-003	0.0186	6.0000e-005	7.5100e-003	5.0000e-005	7.5500e-003	2.0000e-003	4.0000e-005	2.0400e-003	0.0000	5.6933	5.6933	1.2000e-004	0.0000	5.6962

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					0.0676	0.0000	0.0676	0.0279	0.0000	0.0279	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.5900e-003	0.0286	0.2416	1.0900e-003		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004	0.0000	47.1041	47.1041	0.0152	0.0000	47.4850
Total	6.5900e-003	0.0286	0.2416	1.0900e-003	0.0676	8.8000e-004	0.0685	0.0279	8.8000e-004	0.0288	0.0000	47.1041	47.1041	0.0152	0.0000	47.4850

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	1.7300e-003	0.0186	6.0000e-005	7.5100e-003	5.0000e-005	7.5500e-003	2.0000e-003	4.0000e-005	2.0400e-003	0.0000	5.6933	5.6933	1.2000e-004	0.0000	5.6962
Total	2.8000e-003	1.7300e-003	0.0186	6.0000e-005	7.5100e-003	5.0000e-005	7.5500e-003	2.0000e-003	4.0000e-005	2.0400e-003	0.0000	5.6933	5.6933	1.2000e-004	0.0000	5.6962

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.9800e-003	0.0366	0.0420	7.0000e-005		1.6900e-003	1.6900e-003		1.5600e-003	1.5600e-003	0.0000	5.8821	5.8821	1.7600e-003	0.0000	5.9262

Total	3.9800e-003	0.0366	0.0420	7.0000e-005		1.6900e-003	1.6900e-003		1.5600e-003	1.5600e-003	0.0000	5.8821	5.8821	1.7600e-003	0.0000	5.9262
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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	1.9000e-004	6.8700e-003	1.4300e-003	2.0000e-005	5.8000e-004	1.0000e-005	5.9000e-004	1.7000e-004	1.0000e-005	1.7000e-004	0.0000	2.2470	2.2470	9.0000e-005	0.0000	2.2493
Worker	6.7000e-004	4.1000e-004	4.4400e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.3591	1.3591	3.0000e-005	0.0000	1.3598
Total	8.6000e-004	7.2800e-003	5.8700e-003	4.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	3.6062	3.6062	1.2000e-004	0.0000	3.6091

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	2.1000e-004	9.0000e-004	7.6000e-003	7.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.4828	1.4828	4.8000e-004	0.0000	1.4948
Total	2.1000e-004	9.0000e-004	7.6000e-003	7.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.4828	1.4828	4.8000e-004	0.0000	1.4948

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	1.9000e-004	6.8700e-003	1.4300e-003	2.0000e-005	5.8000e-004	1.0000e-005	5.9000e-004	1.7000e-004	1.0000e-005	1.7000e-004	0.0000	2.2470	2.2470	9.0000e-005	0.0000	2.2493
Worker	6.7000e-004	4.1000e-004	4.4400e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.3591	1.3591	3.0000e-005	0.0000	1.3598
Total	8.6000e-004	7.2800e-003	5.8700e-003	4.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	3.6062	3.6062	1.2000e-004	0.0000	3.6091

3.4 Building Construction - 2025 Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0425	0.3887	0.4797	7.9000e-004		0.0167	0.0167		0.0155	0.0155	0.0000	67.6714	67.6714	0.0202	0.0000	68.1772
Total	0.0425	0.3887	0.4797	7.9000e-004		0.0167	0.0167		0.0155	0.0155	0.0000	67.6714	67.6714	0.0202	0.0000	68.1772

Unmitigated Construction Off-Site

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

Vendor	2.0800e-003	0.0783	0.0157	2.7000e-004	6.6900e-003	8.0000e-005	6.7700e-003	1.9300e-003	8.0000e-005	2.0100e-003	0.0000	25.6605	25.6605	1.0300e-003	0.0000	25.6862
Worker	7.2100e-003	4.3000e-003	0.0470	1.7000e-004	0.0206	1.2000e-004	0.0207	5.4800e-003	1.1000e-004	5.5900e-003	0.0000	15.0117	15.0117	2.9000e-004	0.0000	15.0190
Total	9.2900e-003	0.0826	0.0627	4.4000e-004	0.0273	2.0000e-004	0.0275	7.4100e-003	1.9000e-004	7.6000e-003	0.0000	40.6722	40.6722	1.3200e-003	0.0000	40.7051

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	2.3800e-003	0.0103	0.0874	7.9000e-004		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004	0.0000	17.0528	17.0528	5.5200e-003	0.0000	17.1907
Total	2.3800e-003	0.0103	0.0874	7.9000e-004		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004	0.0000	17.0528	17.0528	5.5200e-003	0.0000	17.1907

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0800e-003	0.0783	0.0157	2.7000e-004	6.6900e-003	8.0000e-005	6.7700e-003	1.9300e-003	8.0000e-005	2.0100e-003	0.0000	25.6605	25.6605	1.0300e-003	0.0000	25.6862
Worker	7.2100e-003	4.3000e-003	0.0470	1.7000e-004	0.0206	1.2000e-004	0.0207	5.4800e-003	1.1000e-004	5.5900e-003	0.0000	15.0117	15.0117	2.9000e-004	0.0000	15.0190
Total	9.2900e-003	0.0826	0.0627	4.4000e-004	0.0273	2.0000e-004	0.0275	7.4100e-003	1.9000e-004	7.6000e-003	0.0000	40.6722	40.6722	1.3200e-003	0.0000	40.7051

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	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	1.6500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0108	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

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	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707
Total	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707

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	0.0000	0.0000	0.0000	2.3000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	1.6500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.6500e-003	0.0000	0.0000	2.3000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707
Total	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2229					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
Total	0.2246	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567

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	1.2500e-003	7.5000e-004	8.1800e-003	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.6107	2.6107	5.0000e-005	0.0000	2.6120
Total	1.2500e-003	7.5000e-004	8.1800e-003	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.6107	2.6107	5.0000e-005	0.0000	2.6120

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	0.2229					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	3.0000e-005		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2229	0.0000	0.0000	3.0000e-005		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	1.2500e-003	7.5000e-004	8.1800e-003	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.6107	2.6107	5.0000e-005	0.0000	2.6120
Total	1.2500e-003	7.5000e-004	8.1800e-003	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.6107	2.6107	5.0000e-005	0.0000	2.6120

4.0 Operational Detail - Mobile

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 Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %

Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Parking Lot	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Unrefrigerated Warehouse-No Rail	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000

Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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	1.8755	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
Unmitigated	1.8755	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8750					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.3000e-004	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
Total	1.8755	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8750					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.3000e-004	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
Total	1.8755	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

7.0 Water Detail

7.1 Mitigation Measures Water

	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 Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
--	--------------------	-----------	-----	-----	------

Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000

Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

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

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 3 (Zuriakat Parcel) - MITIGATED Construction Only - San Joaquin County, Summer

**Tracy Alliance Phase 3 (Zuriakat Parcel) - MITIGATED Construction Only
San Joaquin County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 3

Off-road Equipment -

Off-road Equipment - CalEEMod Note 4, CalEEMod Note 9

Off-road Equipment - CalEEMod Note 4

Off-road Equipment -

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Architectural Coating - CalEEMod Note 10

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - CalEEMod Note 9

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	10.00
tblArchitecturalCoating	EF_Parking	150.00	10.00
tblArchitecturalCoating	EF_Residential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Residential_Interior	150.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	NumDays	35.00	145.00
tblConstructionPhase	NumDays	370.00	110.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	HorsePower	84.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	9.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00

tblOffRoadEquipment	UsageHours	8.00	4.80
tblOffRoadEquipment	UsageHours	8.00	6.40
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	7.80
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	6.70
tblOffRoadEquipment	UsageHours	7.00	8.80
tblOffRoadEquipment	UsageHours	8.00	6.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblSolidWaste	SolidWasteGenerationRate	450.41	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	110,805,750.00	0.00

2.0 Emissions Summary

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					
2024	4.9006	43.7489	48.3506	0.1086	3.6543	1.7047	4.1492	1.9970	1.5813	2.2432	0.0000	10,622.09 39	10,622.09 39	2.0716	0.0000	10,673.88 39
2025	22.5962	40.8847	47.6418	0.1079	2.4446	1.4680	3.9125	0.6619	1.3618	2.0237	0.0000	10,542.33 50	10,542.33 50	2.0630	0.0000	10,593.90 93

Maximum	22.5962	43.7489	48.3506	0.1086	3.6543	1.7047	4.1492	1.9970	1.5813	2.2432	0.0000	10,622.09 39	10,622.09 39	2.0716	0.0000	10,673.88 39
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Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.1272	8.0816	13.9805	0.1086	2.4446	0.0454	2.4899	0.9047	0.0442	0.9049	0.0000	5,772.684 1	5,772.684 1	0.6571	0.0000	5,789.110 6
2025	22.4254	7.9846	13.5324	0.1079	2.4446	0.0451	2.4896	0.6619	0.0439	0.7058	0.0000	5,690.381 0	5,690.381 0	0.6525	0.0000	5,706.693 5
Maximum	22.4254	8.0816	13.9805	0.1086	2.4446	0.0454	2.4899	0.9047	0.0442	0.9049	0.0000	5,772.684 1	5,772.684 1	0.6571	0.0000	5,789.110 6

	ROG	NOx	CO	SO2	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	14.34	81.02	71.34	0.00	19.84	97.15	38.23	41.08	97.01	62.25	0.00	45.84	45.84	68.33	0.00	45.95

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	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
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
Total	10.2798	5.8000e-004	0.0640	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004	0.0000	0.1466

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	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004		0.1466
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
Total	10.2798	5.8000e-004	0.0640	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004	0.0000	0.1466

	ROG	NOx	CO	SO2	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	Site Preparation	4/1/2024	6/7/2024	5	50	
2	Grading	Grading	6/8/2024	12/27/2024	5	145	
3	Building Construction	Building Construction	12/28/2024	1/31/2025	5	110	
4	Paving	Paving	2/3/2025	2/28/2025	5	20	
5	Architectural Coating	Architectural Coating	3/3/2025	3/28/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.91

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	1	4.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	6.40	97	0.37
Grading	Excavators	1	3.90	158	0.38
Grading	Graders	1	1.90	187	0.41
Grading	Rubber Tired Dozers	1	1.90	247	0.40
Grading	Scrapers	1	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	1	3.90	97	0.37
Building Construction	Cranes	3	7.80	231	0.29
Building Construction	Forklifts	9	9.00	89	0.20
Building Construction	Generator Sets	4	6.70	5	0.74
Building Construction	Tractors/Loaders/Backhoes	8	8.80	97	0.37
Building Construction	Welders	4	6.70	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

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	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	28	225.00	88.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					3.6133	0.0000	3.6133	1.9861	0.0000	1.9861			0.0000			0.0000
Off-Road	0.5322	5.4352	3.6671	7.6100e-003		0.2459	0.2459		0.2262	0.2262		737.6020	737.6020	0.2386		743.5659
Total	0.5322	5.4352	3.6671	7.6100e-003	3.6133	0.2459	3.8591	1.9861	0.2262	2.2123		737.6020	737.6020	0.2386		743.5659

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	0.0164	8.3200e-003	0.1121	3.6000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		36.2098	36.2098	7.5000e-004		36.2285
Total	0.0164	8.3200e-003	0.1121	3.6000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		36.2098	36.2098	7.5000e-004		36.2285

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	7.6100e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	7.6100e-003	1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0164	8.3200e-003	0.1121	3.6000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		36.2098	36.2098	7.5000e-004		36.2285
Total	0.0164	8.3200e-003	0.1121	3.6000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		36.2098	36.2098	7.5000e-004		36.2285

3.3 Grading - 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					2.0732	0.0000	2.0732	0.8556	0.0000	0.8556			0.0000			0.0000

Off-Road	0.7779	7.8214	6.7275	0.0150		0.3227	0.3227		0.2968	0.2968		1,455.704 4	1,455.704 4	0.4708		1,467.474 5
Total	0.7779	7.8214	6.7275	0.0150	2.0732	0.3227	2.3959	0.8556	0.2968	1.1524		1,455.704 4	1,455.704 4	0.4708		1,467.474 5

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	0.0426	0.0216	0.2916	9.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		94.1455	94.1455	1.9500e-003		94.1942
Total	0.0426	0.0216	0.2916	9.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		94.1455	94.1455	1.9500e-003		94.1942

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					0.9329	0.0000	0.9329	0.3850	0.0000	0.3850			0.0000			0.0000
Off-Road	0.0909	0.3938	3.3322	0.0150		0.0121	0.0121		0.0121	0.0121	0.0000	716.1853	716.1853	0.2316		721.9760
Total	0.0909	0.3938	3.3322	0.0150	0.9329	0.0121	0.9451	0.3850	0.0121	0.3971	0.0000	716.1853	716.1853	0.2316		721.9760

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	0.0426	0.0216	0.2916	9.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		94.1455	94.1455	1.9500e-003		94.1942
Total	0.0426	0.0216	0.2916	9.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		94.1455	94.1455	1.9500e-003		94.1942

3.4 Building Construction - 2024
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.9808	36.5658	41.9732	0.0684		1.6870	1.6870		1.5647	1.5647		6,483.9213	6,483.9213	1.9432		6,532.5007
Total	3.9808	36.5658	41.9732	0.0684		1.6870	1.6870		1.5647	1.5647		6,483.9213	6,483.9213	1.9432		6,532.5007

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	0.1820	6.8088	1.3313	0.0240	0.5962	6.9500e-003	0.6032	0.1717	6.6500e-003	0.1783		2,508.7308	2,508.7308	0.0948		2,511.0996
Worker	0.7378	0.3742	5.0462	0.0163	1.8483	0.0108	1.8591	0.4903	9.8900e-003	0.5002		1,629.4418	1,629.4418	0.0337		1,630.2837
Total	0.9198	7.1830	6.3775	0.0403	2.4446	0.0177	2.4623	0.6619	0.0165	0.6785		4,138.1726	4,138.1726	0.1284		4,141.3833

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	0.2074	0.8985	7.6030	0.0684		0.0277	0.0277		0.0277	0.0277	0.0000	1,634.5115	1,634.5115	0.5286		1,647.7273
Total	0.2074	0.8985	7.6030	0.0684		0.0277	0.0277		0.0277	0.0277	0.0000	1,634.5115	1,634.5115	0.5286		1,647.7273

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	0.1820	6.8088	1.3313	0.0240	0.5962	6.9500e-003	0.6032	0.1717	6.6500e-003	0.1783		2,508.7308	2,508.7308	0.0948		2,511.0996
Worker	0.7378	0.3742	5.0462	0.0163	1.8483	0.0108	1.8591	0.4903	9.8900e-003	0.5002		1,629.4418	1,629.4418	0.0337		1,630.2837
Total	0.9198	7.1830	6.3775	0.0403	2.4446	0.0177	2.4623	0.6619	0.0165	0.6785		4,138.1726	4,138.1726	0.1284		4,141.3833

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6937	33.7986	41.7124	0.0684		1.4506	1.4506		1.3455	1.3455		6,486.5208	6,486.5208	1.9391		6,534.9989
Total	3.6937	33.7986	41.7124	0.0684		1.4506	1.4506		1.3455	1.3455		6,486.5208	6,486.5208	1.9391		6,534.9989

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	0.1768	6.7472	1.2707	0.0238	0.5962	6.8700e-003	0.6031	0.1717	6.5600e-003	0.1782		2,490.9235	2,490.9235	0.0934		2,493.2587
Worker	0.6922	0.3389	4.6587	0.0157	1.8483	0.0105	1.8589	0.4903	9.6900e-003	0.5000		1,564.8907	1,564.8907	0.0304		1,565.6518
Total	0.8690	7.0860	5.9294	0.0395	2.4446	0.0174	2.4620	0.6619	0.0163	0.6782		4,055.8142	4,055.8142	0.1239		4,058.9105

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	0.2074	0.8985	7.6030	0.0684		0.0277	0.0277		0.0277	0.0277	0.0000	1,634.5667	1,634.5667	0.5287		1,647.7830
Total	0.2074	0.8985	7.6030	0.0684		0.0277	0.0277		0.0277	0.0277	0.0000	1,634.5667	1,634.5667	0.5287		1,647.7830

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	0.1768	6.7472	1.2707	0.0238	0.5962	6.8700e-003	0.6031	0.1717	6.5600e-003	0.1782		2,490.9235	2,490.9235	0.0934		2,493.2587
Worker	0.6922	0.3389	4.6587	0.0157	1.8483	0.0105	1.8589	0.4903	9.6900e-003	0.5000		1,564.8907	1,564.8907	0.0304		1,565.6518
Total	0.8690	7.0860	5.9294	0.0395	2.4446	0.0174	2.4620	0.6619	0.0163	0.6782		4,055.8142	4,055.8142	0.1239		4,058.9105

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	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	0.1651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0802	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

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	0.0462	0.0226	0.3106	1.0500e-003	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		104.3261	104.3261	2.0300e-003		104.3768
Total	0.0462	0.0226	0.3106	1.0500e-003	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		104.3261	104.3261	2.0300e-003		104.3768

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	0.0000	0.0000	0.0000	0.0228		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Paving	0.1651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.1651	0.0000	0.0000	0.0228		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	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	0.0462	0.0226	0.3106	1.0500e-003	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		104.3261	104.3261	2.0300e-003		104.3768
Total	0.0462	0.0226	0.3106	1.0500e-003	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		104.3261	104.3261	2.0300e-003		104.3768

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	22.2869					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
Total	22.4578	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515			281.4481	281.4481	0.0154		281.8319

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	
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	
Worker	0.1384	0.0678	0.9317	3.1400e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000			312.9782	312.9782	6.0900e-003		313.1304
Total	0.1384	0.0678	0.9317	3.1400e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000			312.9782	312.9782	6.0900e-003		313.1304

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.2869					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	2.9700e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	22.2869	0.0000	0.0000	2.9700e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.1384	0.0678	0.9317	3.1400e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		312.9782	312.9782	6.0900e-003		313.1304
Total	0.1384	0.0678	0.9317	3.1400e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		312.9782	312.9782	6.0900e-003		313.1304

4.0 Operational Detail - Mobile

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 Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Parking Lot	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Unrefrigerated Warehouse-No Rail	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684

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

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 Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
Unmitigated	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
Total	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
Total	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466

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

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

Boilers

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 3 (Zuriakat Parcel) - MITIGATED Construction Only - San Joaquin County, Winter

**Tracy Alliance Phase 3 (Zuriakat Parcel) - MITIGATED Construction Only
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4, CalEEMod Note 9
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Architectural Coating - CalEEMod Note 10

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - CalEEMod Note 9

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	10.00
tblArchitecturalCoating	EF_Parking	150.00	10.00
tblArchitecturalCoating	EF_Residential_Exterior	150.00	10.00
tblArchitecturalCoating	EF_Residential_Interior	150.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	NumDays	35.00	145.00
tblConstructionPhase	NumDays	370.00	110.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	HorsePower	84.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	9.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00

tblOffRoadEquipment	UsageHours	8.00	4.80
tblOffRoadEquipment	UsageHours	8.00	6.40
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	7.80
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	6.70
tblOffRoadEquipment	UsageHours	7.00	8.80
tblOffRoadEquipment	UsageHours	8.00	6.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblSolidWaste	SolidWasteGenerationRate	450.41	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	110,805,750.00	0.00

2.0 Emissions Summary

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					
2024	4.8961	43.8644	47.9306	0.1062	3.6543	1.7049	4.1494	1.9970	1.5814	2.2434	0.0000	10,373.78	10,373.78	2.0800	0.0000	10,425.78
												71	71			65
2025	22.5937	40.9905	47.2512	0.1055	2.4446	1.4681	3.9127	0.6619	1.3619	2.0238	0.0000	10,302.20	10,302.20	2.0715	0.0000	10,353.98
												13	13			98

Maximum	22.5937	43.8644	47.9306	0.1062	3.6543	1.7049	4.1494	1.9970	1.5814	2.2434	0.0000	10,373.78 71	10,373.78 71	2.0800	0.0000	10,425.78 65
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Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.1227	8.1971	13.5604	0.1062	2.4446	0.0455	2.4901	0.9047	0.0444	0.9049	0.0000	5,524.377 2	5,524.377 2	0.6654	0.0000	5,541.013 2
2025	22.4228	8.0904	13.1418	0.1055	2.4446	0.0452	2.4898	0.6619	0.0441	0.7060	0.0000	5,450.247 3	5,450.247 3	0.6611	0.0000	5,466.773 9
Maximum	22.4228	8.1971	13.5604	0.1062	2.4446	0.0455	2.4901	0.9047	0.0444	0.9049	0.0000	5,524.377 2	5,524.377 2	0.6654	0.0000	5,541.013 2

	ROG	NOx	CO	SO2	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	14.35	80.81	71.95	0.00	19.84	97.14	38.23	41.08	97.00	62.25	0.00	46.92	46.92	68.05	0.00	47.03

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	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
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
Total	10.2798	5.8000e-004	0.0640	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004	0.0000	0.1466

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	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004		0.1466
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
Total	10.2798	5.8000e-004	0.0640	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004	0.0000	0.1466

	ROG	NOx	CO	SO2	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	Site Preparation	4/1/2024	6/7/2024	5	50	
2	Grading	Grading	6/8/2024	12/27/2024	5	145	
3	Building Construction	Building Construction	12/28/2024	1/31/2025	5	110	
4	Paving	Paving	2/3/2025	2/28/2025	5	20	
5	Architectural Coating	Architectural Coating	3/3/2025	3/28/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.91

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	1	4.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	6.40	97	0.37
Grading	Excavators	1	3.90	158	0.38
Grading	Graders	1	1.90	187	0.41
Grading	Rubber Tired Dozers	1	1.90	247	0.40
Grading	Scrapers	1	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	1	3.90	97	0.37
Building Construction	Cranes	3	7.80	231	0.29
Building Construction	Forklifts	9	9.00	89	0.20
Building Construction	Generator Sets	4	6.70	5	0.74
Building Construction	Tractors/Loaders/Backhoes	8	8.80	97	0.37
Building Construction	Welders	4	6.70	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

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	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	28	225.00	88.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					3.6133	0.0000	3.6133	1.9861	0.0000	1.9861			0.0000			0.0000
Off-Road	0.5322	5.4352	3.6671	7.6100e-003		0.2459	0.2459		0.2262	0.2262		737.6020	737.6020	0.2386		743.5659
Total	0.5322	5.4352	3.6671	7.6100e-003	3.6133	0.2459	3.8591	1.9861	0.2262	2.2123		737.6020	737.6020	0.2386		743.5659

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	0.0161	0.0101	0.0981	3.2000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		32.3743	32.3743	6.7000e-004		32.3910
Total	0.0161	0.0101	0.0981	3.2000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		32.3743	32.3743	6.7000e-004		32.3910

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	7.6100e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	7.6100e-003	1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0161	0.0101	0.0981	3.2000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		32.3743	32.3743	6.7000e-004		32.3910
Total	0.0161	0.0101	0.0981	3.2000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		32.3743	32.3743	6.7000e-004		32.3910

3.3 Grading - 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					2.0732	0.0000	2.0732	0.8556	0.0000	0.8556			0.0000			0.0000

Off-Road	0.7779	7.8214	6.7275	0.0150		0.3227	0.3227		0.2968	0.2968		1,455.704 4	1,455.704 4	0.4708		1,467.474 5
Total	0.7779	7.8214	6.7275	0.0150	2.0732	0.3227	2.3959	0.8556	0.2968	1.1524		1,455.704 4	1,455.704 4	0.4708		1,467.474 5

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	0.0418	0.0262	0.2549	8.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		84.1732	84.1732	1.7400e-003		84.2167
Total	0.0418	0.0262	0.2549	8.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		84.1732	84.1732	1.7400e-003		84.2167

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					0.9329	0.0000	0.9329	0.3850	0.0000	0.3850			0.0000			0.0000
Off-Road	0.0909	0.3938	3.3322	0.0150		0.0121	0.0121		0.0121	0.0121	0.0000	716.1853	716.1853	0.2316		721.9760
Total	0.0909	0.3938	3.3322	0.0150	0.9329	0.0121	0.9451	0.3850	0.0121	0.3971	0.0000	716.1853	716.1853	0.2316		721.9760

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	0.0418	0.0262	0.2549	8.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		84.1732	84.1732	1.7400e-003		84.2167
Total	0.0418	0.0262	0.2549	8.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		84.1732	84.1732	1.7400e-003		84.2167

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.9808	36.5658	41.9732	0.0684		1.6870	1.6870		1.5647	1.5647		6,483.9213	6,483.9213	1.9432		6,532.5007
Total	3.9808	36.5658	41.9732	0.0684		1.6870	1.6870		1.5647	1.5647		6,483.9213	6,483.9213	1.9432		6,532.5007

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	0.1927	6.8446	1.5452	0.0232	0.5962	7.1200e-003	0.6034	0.1717	6.8100e-003	0.1785		2,433.0227	2,433.0227	0.1067		2,435.6893
Worker	0.7226	0.4540	4.4122	0.0146	1.8483	0.0108	1.8591	0.4903	9.8900e-003	0.5002		1,456.8430	1,456.8430	0.0301		1,457.5965
Total	0.9153	7.2986	5.9574	0.0378	2.4446	0.0179	2.4624	0.6619	0.0167	0.6786		3,889.8657	3,889.8657	0.1368		3,893.2859

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	0.2074	0.8985	7.6030	0.0684		0.0277	0.0277		0.0277	0.0277	0.0000	1,634.5115	1,634.5115	0.5286		1,647.7273
Total	0.2074	0.8985	7.6030	0.0684		0.0277	0.0277		0.0277	0.0277	0.0000	1,634.5115	1,634.5115	0.5286		1,647.7273

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	0.1927	6.8446	1.5452	0.0232	0.5962	7.1200e-003	0.6034	0.1717	6.8100e-003	0.1785		2,433.0227	2,433.0227	0.1067		2,435.6893
Worker	0.7226	0.4540	4.4122	0.0146	1.8483	0.0108	1.8591	0.4903	9.8900e-003	0.5002		1,456.8430	1,456.8430	0.0301		1,457.5965
Total	0.9153	7.2986	5.9574	0.0378	2.4446	0.0179	2.4624	0.6619	0.0167	0.6786		3,889.8657	3,889.8657	0.1368		3,893.2859

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6937	33.7986	41.7124	0.0684		1.4506	1.4506		1.3455	1.3455		6,486.5208	6,486.5208	1.9391		6,534.9989
Total	3.6937	33.7986	41.7124	0.0684		1.4506	1.4506		1.3455	1.3455		6,486.5208	6,486.5208	1.9391		6,534.9989

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	0.1871	6.7810	1.4759	0.0231	0.5962	7.0200e-003	0.6033	0.1717	6.7100e-003	0.1784		2,416.4571	2,416.4571	0.1052		2,419.0876
Worker	0.6793	0.4109	4.0629	0.0140	1.8483	0.0105	1.8589	0.4903	9.6900e-003	0.5000		1,399.2234	1,399.2234	0.0272		1,399.9033
Total	0.8664	7.1919	5.5388	0.0371	2.4446	0.0176	2.4621	0.6619	0.0164	0.6783		3,815.6805	3,815.6805	0.1324		3,818.9909

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	0.2074	0.8985	7.6030	0.0684		0.0277	0.0277		0.0277	0.0277	0.0000	1,634.5667	1,634.5667	0.5287		1,647.7830
Total	0.2074	0.8985	7.6030	0.0684		0.0277	0.0277		0.0277	0.0277	0.0000	1,634.5667	1,634.5667	0.5287		1,647.7830

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	0.1871	6.7810	1.4759	0.0231	0.5962	7.0200e-003	0.6033	0.1717	6.7100e-003	0.1784		2,416.4571	2,416.4571	0.1052		2,419.0876
Worker	0.6793	0.4109	4.0629	0.0140	1.8483	0.0105	1.8589	0.4903	9.6900e-003	0.5000		1,399.2234	1,399.2234	0.0272		1,399.9033
Total	0.8664	7.1919	5.5388	0.0371	2.4446	0.0176	2.4621	0.6619	0.0164	0.6783		3,815.6805	3,815.6805	0.1324		3,818.9909

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	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	0.1651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0802	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

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	0.0453	0.0274	0.2709	9.4000e-004	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		93.2816	93.2816	1.8100e-003		93.3269
Total	0.0453	0.0274	0.2709	9.4000e-004	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		93.2816	93.2816	1.8100e-003		93.3269

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	0.0000	0.0000	0.0000	0.0228		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Paving	0.1651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.1651	0.0000	0.0000	0.0228		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0453	0.0274	0.2709	9.4000e-004	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		93.2816	93.2816	1.8100e-003		93.3269
Total	0.0453	0.0274	0.2709	9.4000e-004	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		93.2816	93.2816	1.8100e-003		93.3269

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	22.2869					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
Total	22.4578	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515			281.4481	281.4481	0.0154		281.8319

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	
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	
Worker	0.1359	0.0822	0.8126	2.8100e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000			279.8447	279.8447	5.4400e-003		279.9807
Total	0.1359	0.0822	0.8126	2.8100e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000			279.8447	279.8447	5.4400e-003		279.9807

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.2869					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	2.9700e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	22.2869	0.0000	0.0000	2.9700e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.1359	0.0822	0.8126	2.8100e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		279.8447	279.8447	5.4400e-003		279.9807
Total	0.1359	0.0822	0.8126	2.8100e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		279.8447	279.8447	5.4400e-003		279.9807

4.0 Operational Detail - Mobile

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 Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Parking Lot	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Unrefrigerated Warehouse-No Rail	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684

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

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 Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
Unmitigated	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
Total	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
Total	10.2798	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated Construction Only - San Joaquin County, Annual

**Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated Construction Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	NumDays	35.00	145.00
tblConstructionPhase	NumDays	370.00	110.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	9.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.80
tblOffRoadEquipment	UsageHours	8.00	6.40
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	7.80
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	6.70
tblOffRoadEquipment	UsageHours	7.00	8.80
tblOffRoadEquipment	UsageHours	8.00	6.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblSolidWaste	SolidWasteGenerationRate	450.41	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	110,805,750.00	0.00

2.0 Emissions Summary

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					

2024	0.0787	0.7573	0.6606	1.4800e-003	0.2515	0.0317	0.2832	0.1146	0.0292	0.1438	0.0000	130.3016	130.3016	0.0385	0.0000	131.2633
2025	3.4193	0.6618	0.8582	1.7700e-003	0.0321	0.0253	0.0574	8.6800e-003	0.0237	0.0324	0.0000	156.1717	156.1717	0.0290	0.0000	156.8975
Maximum	3.4193	0.7573	0.8582	1.7700e-003	0.2515	0.0317	0.2832	0.1146	0.0292	0.1438	0.0000	156.1717	156.1717	0.0385	0.0000	156.8975

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					
2024	0.0787	0.7573	0.6606	1.4800e-003	0.1192	0.0317	0.1508	0.0532	0.0292	0.0823	0.0000	130.3015	130.3015	0.0385	0.0000	131.2631
2025	3.4193	0.6618	0.8582	1.7700e-003	0.0321	0.0253	0.0574	8.6800e-003	0.0237	0.0324	0.0000	156.1716	156.1716	0.0290	0.0000	156.8974
Maximum	3.4193	0.7573	0.8582	1.7700e-003	0.1192	0.0317	0.1508	0.0532	0.0292	0.0823	0.0000	156.1716	156.1716	0.0385	0.0000	156.8974

	ROG	NOx	CO	SO2	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	46.67	0.00	38.86	49.83	0.00	34.87	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	4-1-2024	6-30-2024	0.2167	0.2167
2	7-1-2024	9-30-2024	0.2847	0.2847
3	10-1-2024	12-31-2024	0.3556	0.3556
4	1-1-2025	3-31-2025	3.8119	3.8119
		Highest	3.8119	3.8119

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	5.3000e-004	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
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
Total	5.3000e-004	5.0000e-005	5.7600e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

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	5.3000e-004	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
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
Total	5.3000e-004	5.0000e-005	5.7600e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

	ROG	NOx	CO	SO2	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	Site Preparation	4/1/2024	6/7/2024	5	50	
2	Grading	Grading	6/8/2024	12/27/2024	5	145	
3	Building Construction	Building Construction	12/28/2024	1/31/2025	5	110	
4	Paving	Paving	2/3/2025	2/28/2025	5	20	
5	Architectural Coating	Architectural Coating	3/3/2025	3/28/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.91

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	1	4.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	6.40	97	0.37
Grading	Excavators	1	3.90	158	0.38
Grading	Graders	1	1.90	187	0.41
Grading	Rubber Tired Dozers	1	1.90	247	0.40
Grading	Scrapers	1	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	1	3.90	97	0.37
Building Construction	Cranes	3	7.80	231	0.29
Building Construction	Forklifts	9	9.00	89	0.20
Building Construction	Generator Sets	4	6.70	84	0.74
Building Construction	Tractors/Loaders/Backhoes	8	8.80	97	0.37
Building Construction	Welders	4	6.70	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

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	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	28	225.00	88.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004	6.1500e-003	6.1500e-003	6.1500e-003	5.6600e-003	5.6600e-003	5.6600e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
Total	0.0133	0.1359	0.0917	1.9000e-004	0.0903	6.1500e-003	0.0965	0.0497	5.6600e-003	0.0553	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638

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	2.3000e-004	2.4600e-003	1.0000e-005	1.0000e-003	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.7551	0.7551	2.0000e-005	0.0000	0.7555
Total	3.7000e-004	2.3000e-004	2.4600e-003	1.0000e-005	1.0000e-003	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.7551	0.7551	2.0000e-005	0.0000	0.7555

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					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004		6.1500e-003	6.1500e-003		5.6500e-003	5.6500e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
Total	0.0133	0.1359	0.0917	1.9000e-004	0.0407	6.1500e-003	0.0468	0.0223	5.6500e-003	0.0280	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638

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	2.3000e-004	2.4600e-003	1.0000e-005	1.0000e-003	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.7551	0.7551	2.0000e-005	0.0000	0.7555
Total	3.7000e-004	2.3000e-004	2.4600e-003	1.0000e-005	1.0000e-003	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.7551	0.7551	2.0000e-005	0.0000	0.7555

3.3 Grading - 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					0.1503	0.0000	0.1503	0.0620	0.0000	0.0620	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0564	0.5671	0.4877	1.0900e-003		0.0234	0.0234		0.0215	0.0215	0.0000	95.7430	95.7430	0.0310	0.0000	96.5171
Total	0.0564	0.5671	0.4877	1.0900e-003	0.1503	0.0234	0.1737	0.0620	0.0215	0.0836	0.0000	95.7430	95.7430	0.0310	0.0000	96.5171

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	1.7300e-003	0.0186	6.0000e-005	7.5100e-003	5.0000e-005	7.5500e-003	2.0000e-003	4.0000e-005	2.0400e-003	0.0000	5.6933	5.6933	1.2000e-004	0.0000	5.6962
Total	2.8000e-003	1.7300e-003	0.0186	6.0000e-005	7.5100e-003	5.0000e-005	7.5500e-003	2.0000e-003	4.0000e-005	2.0400e-003	0.0000	5.6933	5.6933	1.2000e-004	0.0000	5.6962

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					0.0676	0.0000	0.0676	0.0279	0.0000	0.0279	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0564	0.5671	0.4877	1.0900e-003		0.0234	0.0234		0.0215	0.0215	0.0000	95.7429	95.7429	0.0310	0.0000	96.5170
Total	0.0564	0.5671	0.4877	1.0900e-003	0.0676	0.0234	0.0910	0.0279	0.0215	0.0494	0.0000	95.7429	95.7429	0.0310	0.0000	96.5170

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-003	1.7300e-003	0.0186	6.0000e-005	7.5100e-003	5.0000e-005	7.5500e-003	2.0000e-003	4.0000e-005	2.0400e-003	0.0000	5.6933	5.6933	1.2000e-004	0.0000	5.6962
Total	2.8000e-003	1.7300e-003	0.0186	6.0000e-005	7.5100e-003	5.0000e-005	7.5500e-003	2.0000e-003	4.0000e-005	2.0400e-003	0.0000	5.6933	5.6933	1.2000e-004	0.0000	5.6962

3.4 Building Construction - 2024

Unmitigated Construction On-Site

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

Off-Road	4.9400e-003	0.0451	0.0543	9.0000e-005		2.0600e-003	2.0600e-003		1.9400e-003	1.9400e-003	0.0000	7.7756	7.7756	1.8400e-003	0.0000	7.8216
Total	4.9400e-003	0.0451	0.0543	9.0000e-005		2.0600e-003	2.0600e-003		1.9400e-003	1.9400e-003	0.0000	7.7756	7.7756	1.8400e-003	0.0000	7.8216

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	1.9000e-004	6.8700e-003	1.4300e-003	2.0000e-005	5.8000e-004	1.0000e-005	5.9000e-004	1.7000e-004	1.0000e-005	1.7000e-004	0.0000	2.2470	2.2470	9.0000e-005	0.0000	2.2493
Worker	6.7000e-004	4.1000e-004	4.4400e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.3591	1.3591	3.0000e-005	0.0000	1.3598
Total	8.6000e-004	7.2800e-003	5.8700e-003	4.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	3.6062	3.6062	1.2000e-004	0.0000	3.6091

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9400e-003	0.0451	0.0543	9.0000e-005		2.0600e-003	2.0600e-003		1.9400e-003	1.9400e-003	0.0000	7.7756	7.7756	1.8400e-003	0.0000	7.8215
Total	4.9400e-003	0.0451	0.0543	9.0000e-005		2.0600e-003	2.0600e-003		1.9400e-003	1.9400e-003	0.0000	7.7756	7.7756	1.8400e-003	0.0000	7.8215

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	1.9000e-004	6.8700e-003	1.4300e-003	2.0000e-005	5.8000e-004	1.0000e-005	5.9000e-004	1.7000e-004	1.0000e-005	1.7000e-004	0.0000	2.2470	2.2470	9.0000e-005	0.0000	2.2493
Worker	6.7000e-004	4.1000e-004	4.4400e-003	2.0000e-005	1.7900e-003	1.0000e-005	1.8000e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.3591	1.3591	3.0000e-005	0.0000	1.3598
Total	8.6000e-004	7.2800e-003	5.8700e-003	4.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	3.6062	3.6062	1.2000e-004	0.0000	3.6091

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0527	0.4810	0.6207	1.0400e-003		0.0204	0.0204		0.0192	0.0192	0.0000	89.4461	89.4461	0.0210	0.0000	89.9719
Total	0.0527	0.4810	0.6207	1.0400e-003		0.0204	0.0204		0.0192	0.0192	0.0000	89.4461	89.4461	0.0210	0.0000	89.9719

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0800e-003	0.0783	0.0157	2.7000e-004	6.6900e-003	8.0000e-005	6.7700e-003	1.9300e-003	8.0000e-005	2.0100e-003	0.0000	25.6605	25.6605	1.0300e-003	0.0000	25.6862
Worker	7.2100e-003	4.3000e-003	0.0470	1.7000e-004	0.0206	1.2000e-004	0.0207	5.4800e-003	1.1000e-004	5.5900e-003	0.0000	15.0117	15.0117	2.9000e-004	0.0000	15.0190
Total	9.2900e-003	0.0826	0.0627	4.4000e-004	0.0273	2.0000e-004	0.0275	7.4100e-003	1.9000e-004	7.6000e-003	0.0000	40.6722	40.6722	1.3200e-003	0.0000	40.7051

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	0.0527	0.4810	0.6207	1.0400e-003		0.0204	0.0204		0.0192	0.0192	0.0000	89.4460	89.4460	0.0210	0.0000	89.9718
Total	0.0527	0.4810	0.6207	1.0400e-003		0.0204	0.0204		0.0192	0.0192	0.0000	89.4460	89.4460	0.0210	0.0000	89.9718

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0800e-003	0.0783	0.0157	2.7000e-004	6.6900e-003	8.0000e-005	6.7700e-003	1.9300e-003	8.0000e-005	2.0100e-003	0.0000	25.6605	25.6605	1.0300e-003	0.0000	25.6862
Worker	7.2100e-003	4.3000e-003	0.0470	1.7000e-004	0.0206	1.2000e-004	0.0207	5.4800e-003	1.1000e-004	5.5900e-003	0.0000	15.0117	15.0117	2.9000e-004	0.0000	15.0190
Total	9.2900e-003	0.0826	0.0627	4.4000e-004	0.0273	2.0000e-004	0.0275	7.4100e-003	1.9000e-004	7.6000e-003	0.0000	40.6722	40.6722	1.3200e-003	0.0000	40.7051

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	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	1.6500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0108	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

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	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707
Total	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707

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
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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	1.6500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0108	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

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	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707
Total	4.2000e-004	2.5000e-004	2.7300e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.8702	0.8702	2.0000e-005	0.0000	0.8707

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.3430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
Total	3.3448	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567

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	1.2500e-003	7.5000e-004	8.1800e-003	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.6107	2.6107	5.0000e-005	0.0000	2.6120
Total	1.2500e-003	7.5000e-004	8.1800e-003	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.6107	2.6107	5.0000e-005	0.0000	2.6120

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	3.3430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e-003	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567
Total	3.3448	0.0115	0.0181	3.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5567

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
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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
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	1.2500e-003	7.5000e-004	8.1800e-003	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.6107	2.6107	5.0000e-005	0.0000	2.6120
Total	1.2500e-003	7.5000e-004	8.1800e-003	3.0000e-005	3.5800e-003	2.0000e-005	3.6100e-003	9.5000e-004	2.0000e-005	9.7000e-004	0.0000	2.6107	2.6107	5.0000e-005	0.0000	2.6120

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										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 Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Parking Lot	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Unrefrigerated Warehouse-No	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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	5.3000e-004	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

Unmitigated	5.3000e-004	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
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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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.3000e-004	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
Total	5.3000e-004	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.3000e-004	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120
Total	5.3000e-004	5.0000e-005	5.7600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0112	0.0112	3.0000e-005	0.0000	0.0120

7.0 Water Detail

7.1 Mitigation Measures Water

	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 Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated Construction Only - San Joaquin County, Summer

**Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated Construction Only
San Joaquin County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	NumDays	35.00	145.00
tblConstructionPhase	NumDays	370.00	110.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	9.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.80
tblOffRoadEquipment	UsageHours	8.00	6.40
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	7.80
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	6.70
tblOffRoadEquipment	UsageHours	7.00	8.80
tblOffRoadEquipment	UsageHours	8.00	6.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblSolidWaste	SolidWasteGenerationRate	450.41	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	110,805,750.00	0.00

2.0 Emissions Summary

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					

2024	5.8555	52.2731	60.6247	0.1307	3.6543	2.0756	4.5202	1.9970	1.9522	2.6141	0.0000	12,709.25 97	12,709.25 97	2.1561	0.0000	12,763.16 15
2025	334.6133	48.9094	59.9011	0.1299	2.4446	1.7875	4.2321	0.6619	1.6813	2.3432	0.0000	12,629.50 08	12,629.50 08	2.1401	0.0000	12,683.00 33
Maximum	334.6133	52.2731	60.6247	0.1307	3.6543	2.0756	4.5202	1.9970	1.9522	2.6141	0.0000	12,709.25 97	12,709.25 97	2.1561	0.0000	12,763.16 15

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	5.8555	52.2731	60.6247	0.1307	2.4446	2.0756	4.5202	0.9047	1.9522	2.6141	0.0000	12,709.25 97	12,709.25 97	2.1561	0.0000	12,763.16 15
2025	334.6133	48.9094	59.9011	0.1299	2.4446	1.7875	4.2321	0.6619	1.6813	2.3432	0.0000	12,629.50 08	12,629.50 08	2.1401	0.0000	12,683.00 33
Maximum	334.6133	52.2731	60.6247	0.1307	2.4446	2.0756	4.5202	0.9047	1.9522	2.6141	0.0000	12,709.25 97	12,709.25 97	2.1561	0.0000	12,763.16 15

	ROG	NOx	CO	SO2	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	19.84	0.00	0.00	41.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
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	0.0000	0.0000
Total	5.9000e-003	5.8000e-004	0.0640	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004	0.0000	0.1466

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	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004		0.1466
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
Total	5.9000e-003	5.8000e-004	0.0640	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004	0.0000	0.1466

	ROG	NOx	CO	SO2	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	Site Preparation	4/1/2024	6/7/2024	5	50	
2	Grading	Grading	6/8/2024	12/27/2024	5	145	
3	Building Construction	Building Construction	12/28/2024	1/31/2025	5	110	
4	Paving	Paving	2/3/2025	2/28/2025	5	20	
5	Architectural Coating	Architectural Coating	3/3/2025	3/28/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.91

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	1	4.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	6.40	97	0.37
Grading	Excavators	1	3.90	158	0.38
Grading	Graders	1	1.90	187	0.41
Grading	Rubber Tired Dozers	1	1.90	247	0.40
Grading	Scrapers	1	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	1	3.90	97	0.37
Building Construction	Cranes	3	7.80	231	0.29
Building Construction	Forklifts	9	9.00	89	0.20
Building Construction	Generator Sets	4	6.70	84	0.74
Building Construction	Tractors/Loaders/Backhoes	8	8.80	97	0.37
Building Construction	Welders	4	6.70	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

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	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	28	225.00	88.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					3.6133	0.0000	3.6133	1.9861	0.0000	1.9861			0.0000			0.0000
Off-Road	0.5322	5.4352	3.6671	7.6100e-003		0.2459	0.2459		0.2262	0.2262		737.6020	737.6020	0.2386		743.5659
Total	0.5322	5.4352	3.6671	7.6100e-003	3.6133	0.2459	3.8591	1.9861	0.2262	2.2123		737.6020	737.6020	0.2386		743.5659

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	0.0164	8.3200e-003	0.1121	3.6000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		36.2098	36.2098	7.5000e-004		36.2285
Total	0.0164	8.3200e-003	0.1121	3.6000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		36.2098	36.2098	7.5000e-004		36.2285

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938			0.0000			0.0000
Off-Road	0.5322	5.4352	3.6671	7.6100e-003		0.2459	0.2459		0.2262	0.2262	0.0000	737.6020	737.6020	0.2386		743.5659
Total	0.5322	5.4352	3.6671	7.6100e-003	1.6260	0.2459	1.8718	0.8938	0.2262	1.1200	0.0000	737.6020	737.6020	0.2386		743.5659

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	0.0164	8.3200e-003	0.1121	3.6000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		36.2098	36.2098	7.5000e-004		36.2285
Total	0.0164	8.3200e-003	0.1121	3.6000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		36.2098	36.2098	7.5000e-004		36.2285

3.3 Grading - 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					2.0732	0.0000	2.0732	0.8556	0.0000	0.8556			0.0000			0.0000
Off-Road	0.7779	7.8214	6.7275	0.0150		0.3227	0.3227		0.2968	0.2968		1,455.704 4	1,455.704 4	0.4708		1,467.474 5
Total	0.7779	7.8214	6.7275	0.0150	2.0732	0.3227	2.3959	0.8556	0.2968	1.1524		1,455.704 4	1,455.704 4	0.4708		1,467.474 5

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	0.0426	0.0216	0.2916	9.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		94.1455	94.1455	1.9500e-003		94.1942
Total	0.0426	0.0216	0.2916	9.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		94.1455	94.1455	1.9500e-003		94.1942

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					0.9329	0.0000	0.9329	0.3850	0.0000	0.3850			0.0000			0.0000
Off-Road	0.7779	7.8214	6.7275	0.0150		0.3227	0.3227		0.2968	0.2968	0.0000	1,455.704 4	1,455.704 4	0.4708		1,467.474 5
Total	0.7779	7.8214	6.7275	0.0150	0.9329	0.3227	1.2556	0.3850	0.2968	0.6819	0.0000	1,455.704 4	1,455.704 4	0.4708		1,467.474 5

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	0.0426	0.0216	0.2916	9.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		94.1455	94.1455	1.9500e-003		94.1942
Total	0.0426	0.0216	0.2916	9.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		94.1455	94.1455	1.9500e-003		94.1942

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.9356	45.0901	54.2472	0.0904		2.0579	2.0579		1.9357	1.9357		8,571.0871	8,571.0871	2.0277		8,621.7783
Total	4.9356	45.0901	54.2472	0.0904		2.0579	2.0579		1.9357	1.9357		8,571.0871	8,571.0871	2.0277		8,621.7783

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	0.0000	0.0000
Vendor	0.1820	6.8088	1.3313	0.0240	0.5962	6.9500e-003	0.6032	0.1717	6.6500e-003	0.1783		2,508.7308	2,508.7308	0.0948		2,511.0996
Worker	0.7378	0.3742	5.0462	0.0163	1.8483	0.0108	1.8591	0.4903	9.8900e-003	0.5002		1,629.4418	1,629.4418	0.0337		1,630.2837
Total	0.9198	7.1830	6.3775	0.0403	2.4446	0.0177	2.4623	0.6619	0.0165	0.6785		4,138.1726	4,138.1726	0.1284		4,141.3833

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	4.9356	45.0901	54.2472	0.0904		2.0579	2.0579		1.9357	1.9357	0.0000	8,571.0871	8,571.0871	2.0277		8,621.7783
Total	4.9356	45.0901	54.2472	0.0904		2.0579	2.0579		1.9357	1.9357	0.0000	8,571.0871	8,571.0871	2.0277		8,621.7783

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	0.1820	6.8088	1.3313	0.0240	0.5962	6.9500e-003	0.6032	0.1717	6.6500e-003	0.1783		2,508.7308	2,508.7308	0.0948		2,511.0996
Worker	0.7378	0.3742	5.0462	0.0163	1.8483	0.0108	1.8591	0.4903	9.8900e-003	0.5002		1,629.4418	1,629.4418	0.0337		1,630.2837
Total	0.9198	7.1830	6.3775	0.0403	2.4446	0.0177	2.4623	0.6619	0.0165	0.6785		4,138.1726	4,138.1726	0.1284		4,141.3833

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5862	41.8234	53.9717	0.0904		1.7701	1.7701		1.6650	1.6650		8,573.6866	8,573.6866	2.0163		8,624.0928
Total	4.5862	41.8234	53.9717	0.0904		1.7701	1.7701		1.6650	1.6650		8,573.6866	8,573.6866	2.0163		8,624.0928

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	0.1768	6.7472	1.2707	0.0238	0.5962	6.8700e-003	0.6031	0.1717	6.5600e-003	0.1782		2,490.9235	2,490.9235	0.0934		2,493.2587
Worker	0.6922	0.3389	4.6587	0.0157	1.8483	0.0105	1.8589	0.4903	9.6900e-003	0.5000		1,564.8907	1,564.8907	0.0304		1,565.6518
Total	0.8690	7.0860	5.9294	0.0395	2.4446	0.0174	2.4620	0.6619	0.0163	0.6782		4,055.8142	4,055.8142	0.1239		4,058.9105

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
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Category	lb/day										lb/day					
Off-Road	4.5862	41.8234	53.9717	0.0904		1.7701	1.7701		1.6650	1.6650	0.0000	8,573.6866	8,573.6866	2.0163		8,624.0928
Total	4.5862	41.8234	53.9717	0.0904		1.7701	1.7701		1.6650	1.6650	0.0000	8,573.6866	8,573.6866	2.0163		8,624.0928

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	0.1768	6.7472	1.2707	0.0238	0.5962	6.8700e-003	0.6031	0.1717	6.5600e-003	0.1782		2,490.9235	2,490.9235	0.0934		2,493.2587
Worker	0.6922	0.3389	4.6587	0.0157	1.8483	0.0105	1.8589	0.4903	9.6900e-003	0.5000		1,564.8907	1,564.8907	0.0304		1,565.6518
Total	0.8690	7.0860	5.9294	0.0395	2.4446	0.0174	2.4620	0.6619	0.0163	0.6782		4,055.8142	4,055.8142	0.1239		4,058.9105

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	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	0.1651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0802	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

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	0.0462	0.0226	0.3106	1.0500e-003	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		104.3261	104.3261	2.0300e-003		104.3768
Total	0.0462	0.0226	0.3106	1.0500e-003	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		104.3261	104.3261	2.0300e-003		104.3768

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	0.1651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0802	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

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
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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	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	0.0462	0.0226	0.3106	1.0500e-003	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		104.3261	104.3261	2.0300e-003	104.3768	
Total	0.0462	0.0226	0.3106	1.0500e-003	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		104.3261	104.3261	2.0300e-003	104.3768	

3.6 Architectural Coating - 2025
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	334.3040					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
Total	334.4749	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

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	0.1384	0.0678	0.9317	3.1400e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		312.9782	312.9782	6.0900e-003		313.1304

Total	0.1384	0.0678	0.9317	3.1400e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		312.9782	312.9782	6.0900e-003		313.1304
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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	334.3040					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
Total	334.4749	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

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	0.1384	0.0678	0.9317	3.1400e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		312.9782	312.9782	6.0900e-003		313.1304
Total	0.1384	0.0678	0.9317	3.1400e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		312.9782	312.9782	6.0900e-003		313.1304

4.0 Operational Detail - Mobile

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 Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Parking Lot	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Unrefrigerated Warehouse-No Rail	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684

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

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 Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
Unmitigated	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
Total	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
Total	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated Construction Only - San Joaquin County, Winter

**Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated Construction Only
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - CalEEMod Note 1
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 3
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment - CalEEMod Note 4
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 6

Consumer Products - CalEEMod Note 6

Area Coating - CalEEMod Note 6

Energy Use - CalEEMod Note 6

Water And Wastewater - CalEEMod Note 6

Solid Waste - CalEEMod Note 6

Construction Off-road Equipment Mitigation - District Rule 8021

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	NumDays	35.00	145.00
tblConstructionPhase	NumDays	370.00	110.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-19
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-19
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	2.33	0.00
tblEnergyUse	NT24E	1.77	0.00
tblEnergyUse	T24E	0.50	0.00
tblEnergyUse	T24NG	6.11	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	9.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.80
tblOffRoadEquipment	UsageHours	8.00	6.40
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	1.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	8.00	3.90
tblOffRoadEquipment	UsageHours	7.00	7.80
tblOffRoadEquipment	UsageHours	8.00	9.00
tblOffRoadEquipment	UsageHours	8.00	6.70
tblOffRoadEquipment	UsageHours	7.00	8.80
tblOffRoadEquipment	UsageHours	8.00	6.70
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblSolidWaste	SolidWasteGenerationRate	450.41	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.68	0.00
tblWater	IndoorWaterUseRate	110,805,750.00	0.00

2.0 Emissions Summary

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					

2024	5.8509	52.3887	60.2046	0.1282	3.6543	2.0758	4.5203	1.9970	1.9524	2.6143	0.0000	12,460.95 29	12,460.95 29	2.1645	0.0000	12,515.06 41
2025	334.6107	49.0153	59.5106	0.1275	2.4446	1.7877	4.2322	0.6619	1.6814	2.3434	0.0000	12,389.36 71	12,389.36 71	2.1487	0.0000	12,443.08 37
Maximum	334.6107	52.3887	60.2046	0.1282	3.6543	2.0758	4.5203	1.9970	1.9524	2.6143	0.0000	12,460.95 29	12,460.95 29	2.1645	0.0000	12,515.06 41

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	5.8509	52.3887	60.2046	0.1282	2.4446	2.0758	4.5203	0.9047	1.9524	2.6143	0.0000	12,460.95 29	12,460.95 29	2.1645	0.0000	12,515.06 41
2025	334.6107	49.0153	59.5106	0.1275	2.4446	1.7877	4.2322	0.6619	1.6814	2.3434	0.0000	12,389.36 71	12,389.36 71	2.1487	0.0000	12,443.08 37
Maximum	334.6107	52.3887	60.2046	0.1282	2.4446	2.0758	4.5203	0.9047	1.9524	2.6143	0.0000	12,460.95 29	12,460.95 29	2.1645	0.0000	12,515.06 41

	ROG	NOx	CO	SO2	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	19.84	0.00	0.00	41.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
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	0.0000	0.0000
Total	5.9000e-003	5.8000e-004	0.0640	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004	0.0000	0.1466

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	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004		0.1466
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
Total	5.9000e-003	5.8000e-004	0.0640	0.0000	0.0000	2.3000e-004	2.3000e-004	0.0000	2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004	0.0000	0.1466

	ROG	NOx	CO	SO2	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	Site Preparation	4/1/2024	6/7/2024	5	50	
2	Grading	Grading	6/8/2024	12/27/2024	5	145	
3	Building Construction	Building Construction	12/28/2024	1/31/2025	5	110	
4	Paving	Paving	2/3/2025	2/28/2025	5	20	
5	Architectural Coating	Architectural Coating	3/3/2025	3/28/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 87.91

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	1	4.80	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	6.40	97	0.37
Grading	Excavators	1	3.90	158	0.38
Grading	Graders	1	1.90	187	0.41
Grading	Rubber Tired Dozers	1	1.90	247	0.40
Grading	Scrapers	1	3.90	367	0.48
Grading	Tractors/Loaders/Backhoes	1	3.90	97	0.37
Building Construction	Cranes	3	7.80	231	0.29
Building Construction	Forklifts	9	9.00	89	0.20
Building Construction	Generator Sets	4	6.70	84	0.74
Building Construction	Tractors/Loaders/Backhoes	8	8.80	97	0.37
Building Construction	Welders	4	6.70	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

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	2	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	28	225.00	88.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 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					3.6133	0.0000	3.6133	1.9861	0.0000	1.9861			0.0000			0.0000
Off-Road	0.5322	5.4352	3.6671	7.6100e-003		0.2459	0.2459		0.2262	0.2262		737.6020	737.6020	0.2386		743.5659
Total	0.5322	5.4352	3.6671	7.6100e-003	3.6133	0.2459	3.8591	1.9861	0.2262	2.2123		737.6020	737.6020	0.2386		743.5659

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	0.0161	0.0101	0.0981	3.2000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		32.3743	32.3743	6.7000e-004		32.3910
Total	0.0161	0.0101	0.0981	3.2000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		32.3743	32.3743	6.7000e-004		32.3910

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938			0.0000			0.0000
Off-Road	0.5322	5.4352	3.6671	7.6100e-003		0.2459	0.2459		0.2262	0.2262	0.0000	737.6020	737.6020	0.2386		743.5659
Total	0.5322	5.4352	3.6671	7.6100e-003	1.6260	0.2459	1.8718	0.8938	0.2262	1.1200	0.0000	737.6020	737.6020	0.2386		743.5659

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	0.0161	0.0101	0.0981	3.2000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		32.3743	32.3743	6.7000e-004		32.3910
Total	0.0161	0.0101	0.0981	3.2000e-004	0.0411	2.4000e-004	0.0413	0.0109	2.2000e-004	0.0111		32.3743	32.3743	6.7000e-004		32.3910

3.3 Grading - 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					2.0732	0.0000	2.0732	0.8556	0.0000	0.8556			0.0000			0.0000
Off-Road	0.7779	7.8214	6.7275	0.0150		0.3227	0.3227		0.2968	0.2968		1,455.704 4	1,455.704 4	0.4708		1,467.474 5
Total	0.7779	7.8214	6.7275	0.0150	2.0732	0.3227	2.3959	0.8556	0.2968	1.1524		1,455.704 4	1,455.704 4	0.4708		1,467.474 5

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	0.0418	0.0262	0.2549	8.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		84.1732	84.1732	1.7400e-003		84.2167
Total	0.0418	0.0262	0.2549	8.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		84.1732	84.1732	1.7400e-003		84.2167

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					0.9329	0.0000	0.9329	0.3850	0.0000	0.3850			0.0000			0.0000
Off-Road	0.7779	7.8214	6.7275	0.0150		0.3227	0.3227		0.2968	0.2968	0.0000	1,455.704 4	1,455.704 4	0.4708		1,467.474 5
Total	0.7779	7.8214	6.7275	0.0150	0.9329	0.3227	1.2556	0.3850	0.2968	0.6819	0.0000	1,455.704 4	1,455.704 4	0.4708		1,467.474 5

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	0.0418	0.0262	0.2549	8.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		84.1732	84.1732	1.7400e-003		84.2167
Total	0.0418	0.0262	0.2549	8.4000e-004	0.1068	6.2000e-004	0.1074	0.0283	5.7000e-004	0.0289		84.1732	84.1732	1.7400e-003		84.2167

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.9356	45.0901	54.2472	0.0904		2.0579	2.0579		1.9357	1.9357		8,571.0871	8,571.0871	2.0277		8,621.7783
Total	4.9356	45.0901	54.2472	0.0904		2.0579	2.0579		1.9357	1.9357		8,571.0871	8,571.0871	2.0277		8,621.7783

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	0.1927	6.8446	1.5452	0.0232	0.5962	7.1200e-003	0.6034	0.1717	6.8100e-003	0.1785		2,433.0227	2,433.0227	0.1067		2,435.6893
Worker	0.7226	0.4540	4.4122	0.0146	1.8483	0.0108	1.8591	0.4903	9.8900e-003	0.5002		1,456.8430	1,456.8430	0.0301		1,457.5965
Total	0.9153	7.2986	5.9574	0.0378	2.4446	0.0179	2.4624	0.6619	0.0167	0.6786		3,889.8657	3,889.8657	0.1368		3,893.2859

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	4.9356	45.0901	54.2472	0.0904		2.0579	2.0579		1.9357	1.9357	0.0000	8,571.0871	8,571.0871	2.0277		8,621.7783
Total	4.9356	45.0901	54.2472	0.0904		2.0579	2.0579		1.9357	1.9357	0.0000	8,571.0871	8,571.0871	2.0277		8,621.7783

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	0.1927	6.8446	1.5452	0.0232	0.5962	7.1200e-003	0.6034	0.1717	6.8100e-003	0.1785		2,433.0227	2,433.0227	0.1067		2,435.6893
Worker	0.7226	0.4540	4.4122	0.0146	1.8483	0.0108	1.8591	0.4903	9.8900e-003	0.5002		1,456.8430	1,456.8430	0.0301		1,457.5965
Total	0.9153	7.2986	5.9574	0.0378	2.4446	0.0179	2.4624	0.6619	0.0167	0.6786		3,889.8657	3,889.8657	0.1368		3,893.2859

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5862	41.8234	53.9717	0.0904		1.7701	1.7701		1.6650	1.6650		8,573.6866	8,573.6866	2.0163		8,624.0928
Total	4.5862	41.8234	53.9717	0.0904		1.7701	1.7701		1.6650	1.6650		8,573.6866	8,573.6866	2.0163		8,624.0928

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	0.1871	6.7810	1.4759	0.0231	0.5962	7.0200e-003	0.6033	0.1717	6.7100e-003	0.1784		2,416.4571	2,416.4571	0.1052		2,419.0876
Worker	0.6793	0.4109	4.0629	0.0140	1.8483	0.0105	1.8589	0.4903	9.6900e-003	0.5000		1,399.2234	1,399.2234	0.0272		1,399.9033
Total	0.8664	7.1919	5.5388	0.0371	2.4446	0.0176	2.4621	0.6619	0.0164	0.6783		3,815.6805	3,815.6805	0.1324		3,818.9909

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
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Category	lb/day										lb/day					
Off-Road	4.5862	41.8234	53.9717	0.0904		1.7701	1.7701		1.6650	1.6650	0.0000	8,573.6866	8,573.6866	2.0163		8,624.0928
Total	4.5862	41.8234	53.9717	0.0904		1.7701	1.7701		1.6650	1.6650	0.0000	8,573.6866	8,573.6866	2.0163		8,624.0928

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	0.1871	6.7810	1.4759	0.0231	0.5962	7.0200e-003	0.6033	0.1717	6.7100e-003	0.1784		2,416.4571	2,416.4571	0.1052		2,419.0876
Worker	0.6793	0.4109	4.0629	0.0140	1.8483	0.0105	1.8589	0.4903	9.6900e-003	0.5000		1,399.2234	1,399.2234	0.0272		1,399.9033
Total	0.8664	7.1919	5.5388	0.0371	2.4446	0.0176	2.4621	0.6619	0.0164	0.6783		3,815.6805	3,815.6805	0.1324		3,818.9909

3.5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	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	0.1651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0802	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

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	0.0453	0.0274	0.2709	9.4000e-004	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		93.2816	93.2816	1.8100e-003		93.3269
Total	0.0453	0.0274	0.2709	9.4000e-004	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333		93.2816	93.2816	1.8100e-003		93.3269

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	0.1651					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0802	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

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
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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	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	0.0453	0.0274	0.2709	9.4000e-004	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333	93.2816	93.2816	1.8100e-003	93.3269		
Total	0.0453	0.0274	0.2709	9.4000e-004	0.1232	7.0000e-004	0.1239	0.0327	6.5000e-004	0.0333	93.2816	93.2816	1.8100e-003	93.3269		

3.6 Architectural Coating - 2025
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	334.3040					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
Total	334.4749	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

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	0.1359	0.0822	0.8126	2.8100e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		279.8447	279.8447	5.4400e-003		279.9807

Total	0.1359	0.0822	0.8126	2.8100e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		279.8447	279.8447	5.4400e-003		279.9807
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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	334.3040					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
Total	334.4749	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

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	0.1359	0.0822	0.8126	2.8100e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		279.8447	279.8447	5.4400e-003		279.9807
Total	0.1359	0.0822	0.8126	2.8100e-003	0.3697	2.1100e-003	0.3718	0.0981	1.9400e-003	0.1000		279.8447	279.8447	5.4400e-003		279.9807

4.0 Operational Detail - Mobile

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 Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Parking Lot	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Unrefrigerated Warehouse-No Rail	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684

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	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	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466
Unmitigated	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1376	0.1376	3.6000e-004		0.1466

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004	0.1466
Total	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004	0.1466

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004	0.1466
Total	5.9000e-003	5.8000e-004	0.0640	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004			0.1376	0.1376	3.6000e-004	0.1466

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - BAU 2005 Operation Only - San Joaquin County, Annual

Tracy Alliance Phase 3 (Zuriakat Parcel) - BAU 2005 Operation Only
San Joaquin County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2005
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

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
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	7/12/2004	6/15/2004
tblEnergyUse	LightingElect	0.88	0.88
tblFleetMix	HHD	0.05	0.00
tblFleetMix	HHD	0.05	1.00
tblFleetMix	LDA	0.47	0.53
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.07	0.08
tblFleetMix	LDT1	0.07	0.00
tblFleetMix	LDT2	0.16	0.18
tblFleetMix	LDT2	0.16	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD2	5.9260e-003	0.00

tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MDV	0.18	0.20
tblFleetMix	MDV	0.18	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	456.00

tblVehicleTrips	WD_TR	0.00	215.00
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2.0 Emissions Summary

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					
2004	3.3436	6.8000e-004	5.9600e-003	0.0000	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1983	0.1983	3.0000e-005	0.0000	0.1992
Maximum	3.3436	6.8000e-004	5.9600e-003	0.0000	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1983	0.1983	3.0000e-005	0.0000	0.1992

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					
2004	3.3436	6.8000e-004	5.9600e-003	0.0000	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1983	0.1983	3.0000e-005	0.0000	0.1992
Maximum	3.3436	6.8000e-004	5.9600e-003	0.0000	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1983	0.1983	3.0000e-005	0.0000	0.1992

	ROG	NOx	CO	SO2	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	6-15-2004	9-14-2004	2.3887	2.3887
		Highest	2.3887	2.3887

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	2.2102	9.0000e-005	7.3800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0113	0.0113	5.0000e-005	0.0000	0.0126
Energy	0.0197	0.1795	0.1507	1.0800e-003		0.0136	0.0136		0.0136	0.0136	0.0000	949.8018	949.8018	0.0379	0.0106	953.9189
Mobile	2.2219	21.8844	16.1863	0.1608	0.8119	0.5699	1.3818	0.2184	0.5449	0.7633	0.0000	2,195.5213	2,195.5213	0.4099	0.0000	2,205.7697
Waste						0.0000	0.0000		0.0000	0.0000	91.4292	0.0000	91.4292	5.4033	0.0000	226.5119
Water						0.0000	0.0000		0.0000	0.0000	35.1536	174.4218	209.5753	3.6185	0.0869	325.9297
Total	4.4518	22.0640	16.3444	0.1619	0.8119	0.5836	1.3955	0.2184	0.5586	0.7769	126.5827	3,319.7561	3,446.3388	9.4697	0.0975	3,712.1427

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	2.2102	9.0000e-005	7.3800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0113	0.0113	5.0000e-005	0.0000	0.0126
Energy	0.0197	0.1795	0.1507	1.0800e-003		0.0136	0.0136		0.0136	0.0136	0.0000	949.8018	949.8018	0.0379	0.0106	953.9189
Mobile	2.2219	21.8844	16.1863	0.1608	0.8119	0.5699	1.3818	0.2184	0.5449	0.7633	0.0000	2,195.5213	2,195.5213	0.4099	0.0000	2,205.7697

Waste						0.0000	0.0000		0.0000	0.0000	91.4292	0.0000	91.4292	5.4033	0.0000	226.5119
Water						0.0000	0.0000		0.0000	0.0000	35.1536	174.4218	209.5753	3.6185	0.0869	325.9297
Total	4.4518	22.0640	16.3444	0.1619	0.8119	0.5836	1.3955	0.2184	0.5586	0.7769	126.5827	3,319.7561	3,446.3388	9.4697	0.0975	3,712.1427

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	6/15/2004	6/15/2004	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2004

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	3.3430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.3430	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.6000e-004	6.8000e-004	5.9600e-003	0.0000	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1983	0.1983	3.0000e-005	0.0000	0.1992
Total	5.6000e-004	6.8000e-004	5.9600e-003	0.0000	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1983	0.1983	3.0000e-005	0.0000	0.1992

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
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Category	tons/yr										MT/yr					
Archit. Coating	3.3430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.3430	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	5.6000e-004	6.8000e-004	5.9600e-003	0.0000	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1983	0.1983	3.0000e-005	0.0000	0.1992
Total	5.6000e-004	6.8000e-004	5.9600e-003	0.0000	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.1983	0.1983	3.0000e-005	0.0000	0.1992

4.0 Operational Detail - Mobile

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	2.2219	21.8844	16.1863	0.1608	0.8119	0.5699	1.3818	0.2184	0.5449	0.7633	0.0000	2,195.5213	2,195.5213	0.4099	0.0000	2,205.7697
Unmitigated	2.2219	21.8844	16.1863	0.1608	0.8119	0.5699	1.3818	0.2184	0.5449	0.7633	0.0000	2,195.5213	2,195.5213	0.4099	0.0000	2,205.7697

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	456.00	456.00	456.00	1,427,130	1,427,130
User Defined Industrial	215.00	215.00	215.00	672,879	672,879
Total	671.00	671.00	671.00	2,100,010	2,100,010

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
User Defined Commercial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0
User Defined Industrial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Parking Lot	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Unrefrigerated Warehouse-No Rail	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
User Defined Commercial	0.534193	0.076275	0.184573	0.204959	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	754.4485	754.4485	0.0341	7.0600e-003	757.4047
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	754.4485	754.4485	0.0341	7.0600e-003	757.4047
NaturalGas Mitigated	0.0197	0.1795	0.1507	1.0800e-003		0.0136	0.0136		0.0136	0.0136	0.0000	195.3533	195.3533	3.7400e-003	3.5800e-003	196.5142
NaturalGas Unmitigated	0.0197	0.1795	0.1507	1.0800e-003		0.0136	0.0136		0.0136	0.0136	0.0000	195.3533	195.3533	3.7400e-003	3.5800e-003	196.5142

5.2 Energy by Land Use - NaturalGas Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	3.66078e+006	0.0197	0.1795	0.1507	1.0800e-003		0.0136	0.0136		0.0136	0.0136	0.0000	195.3533	195.3533	3.7400e-003	3.5800e-003	196.5142
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0197	0.1795	0.1507	1.0800e-003		0.0136	0.0136		0.0136	0.0136	0.0000	195.3533	195.3533	3.7400e-003	3.5800e-003	196.5142

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					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No 006	3.66078e+006	0.0197	0.1795	0.1507	1.0800e-003		0.0136	0.0136		0.0136	0.0136	0.0000	195.3533	195.3533	3.7400e-003	3.5800e-003	196.5142
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0197	0.1795	0.1507	1.0800e-003		0.0136	0.0136		0.0136	0.0136	0.0000	195.3533	195.3533	3.7400e-003	3.5800e-003	196.5142

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	49056	14.2710	6.5000e-004	1.3000e-004	14.3269
Unrefrigerated Warehouse-No 006	2.54434e+006	740.1776	0.0335	6.9200e-003	743.0778
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		754.4485	0.0341	7.0500e-003	757.4047

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	49056	14.2710	6.5000e-004	1.3000e-004	14.3269
Unrefrigerated Warehouse-No	2.54434e+006	740.1776	0.0335	6.9200e-003	743.0778
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		754.4485	0.0341	7.0500e-003	757.4047

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	2.2102	9.0000e-005	7.3800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0113	0.0113	5.0000e-005	0.0000	0.0126
Unmitigated	2.2102	9.0000e-005	7.3800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0113	0.0113	5.0000e-005	0.0000	0.0126

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	0.3343					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8750					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.5000e-004	9.0000e-005	7.3800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0113	0.0113	5.0000e-005	0.0000	0.0126
Total	2.2102	9.0000e-005	7.3800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0113	0.0113	5.0000e-005	0.0000	0.0126

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	0.3343					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8750					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.5000e-004	9.0000e-005	7.3800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0113	0.0113	5.0000e-005	0.0000	0.0126
Total	2.2102	9.0000e-005	7.3800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0113	0.0113	5.0000e-005	0.0000	0.0126

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	209.5753	3.6185	0.0869	325.9297
Unmitigated	209.5753	3.6185	0.0869	325.9297

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	110.806 / 0	209.5753	3.6185	0.0869	325.9297
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		209.5753	3.6185	0.0869	325.9297

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	110.806 / 0	209.5753	3.6185	0.0869	325.9297
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		209.5753	3.6185	0.0869	325.9297

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	91.4292	5.4033	0.0000	226.5119
Unmitigated	91.4292	5.4033	0.0000	226.5119

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	450.41	91.4292	5.4033	0.0000	226.5119
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		91.4292	5.4033	0.0000	226.5119

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	450.41	91.4292	5.4033	0.0000	226.5119
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		91.4292	5.4033	0.0000	226.5119

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 3 (Zuriakat Parcel) - BAU 2005 Operation Only - San Joaquin County, Summer

Tracy Alliance Phase 3 (Zuriakat Parcel) - BAU 2005 Operation Only
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2005
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

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
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	7/12/2004	6/15/2004
tblEnergyUse	LightingElect	0.88	0.88
tblFleetMix	HHD	0.05	0.00
tblFleetMix	HHD	0.05	1.00
tblFleetMix	LDA	0.47	0.53
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.07	0.08
tblFleetMix	LDT1	0.07	0.00
tblFleetMix	LDT2	0.16	0.18
tblFleetMix	LDT2	0.16	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD2	5.9260e-003	0.00

tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MDV	0.18	0.20
tblFleetMix	MDV	0.18	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	456.00

tblVehicleTrips	WD_TR	0.00	215.00
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2.0 Emissions Summary

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					
2004	6,687.2572	1.2134	13.0318	7.2300e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123	0.0000	470.3712	470.3712	0.0803	0.0000	472.3775
Maximum	6,687.2572	1.2134	13.0318	7.2300e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123	0.0000	470.3712	470.3712	0.0803	0.0000	472.3775

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2004	6,687.2572	1.2134	13.0318	7.2300e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123	0.0000	470.3712	470.3712	0.0803	0.0000	472.3775
Maximum	6,687.2572	1.2134	13.0318	7.2300e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123	0.0000	470.3712	470.3712	0.0803	0.0000	472.3775

	ROG	NOx	CO	SO2	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

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	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541
Energy	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578
Mobile	12.4751	117.5720	88.8438	0.8999	4.5943	3.0490	7.6433	1.2324	2.9153	4.1477		13,773.2179	13,773.2179	2.4039		13,833.3145
Total	24.6996	118.5563	89.7517	0.9058	4.5943	3.1240	7.7183	1.2324	2.9903	4.2227		14,953.3019	14,953.3019	2.4271	0.0216	15,020.4265

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	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541
Energy	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578
Mobile	12.4751	117.5720	88.8438	0.8999	4.5943	3.0490	7.6433	1.2324	2.9153	4.1477		13,773.2179	13,773.2179	2.4039		13,833.3145
Total	24.6996	118.5563	89.7517	0.9058	4.5943	3.1240	7.7183	1.2324	2.9903	4.2227		14,953.3019	14,953.3019	2.4271	0.0216	15,020.4265

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	6/15/2004	6/15/2004	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2004

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	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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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	1.1770	1.2134	13.0318	7.2300e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123		470.3712	470.3712	0.0803		472.3775
Total	1.1770	1.2134	13.0318	7.2300e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123		470.3712	470.3712	0.0803		472.3775

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	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	1.1770	1.2134	13.0318	7.2300e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123		470.3712	470.3712	0.0803		472.3775
Total	1.1770	1.2134	13.0318	7.2300e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123		470.3712	470.3712	0.0803		472.3775

4.0 Operational Detail - Mobile

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	12.4751	117.5720	88.8438	0.8999	4.5943	3.0490	7.6433	1.2324	2.9153	4.1477		13,773.2179	13,773.2179	2.4039		13,833.3145
Unmitigated	12.4751	117.5720	88.8438	0.8999	4.5943	3.0490	7.6433	1.2324	2.9153	4.1477		13,773.2179	13,773.2179	2.4039		13,833.3145

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	456.00	456.00	456.00	1,427,130	1,427,130
User Defined Industrial	215.00	215.00	215.00	672,879	672,879

Total	671.00	671.00	671.00	2,100,010	2,100,010
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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 Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
User Defined Commercial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0
User Defined Industrial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Parking Lot	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Unrefrigerated Warehouse-No	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Rail													
User Defined Commercial	0.534193	0.076275	0.184573	0.204959	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: Y

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					
Natural Gas Mitigated	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747	1,179.946	0	1,179.946	0.0226	0.0216	1,186.9578

NaturalGas Unmitigated	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578
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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	10029.5	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578
User Defined Commercial	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
User Defined Industrial	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
Total		0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578

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 Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	10.0295	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578
User Defined Commercial	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

User Defined Industrial	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
Total		0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541
Unmitigated	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0106	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541
Total	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0106	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541
Total	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - BAU 2005 Operation Only - San Joaquin County, Winter

**Tracy Alliance Phase 3 (Zuriakat Parcel) - BAU 2005 Operation Only
San Joaquin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2005
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - CalEEMod Note 2
- Construction Phase - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 6
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

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
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	7/12/2004	6/15/2004
tblEnergyUse	LightingElect	0.88	0.88
tblFleetMix	HHD	0.05	0.00
tblFleetMix	HHD	0.05	1.00
tblFleetMix	LDA	0.47	0.53
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.07	0.08
tblFleetMix	LDT1	0.07	0.00
tblFleetMix	LDT2	0.16	0.18
tblFleetMix	LDT2	0.16	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD2	5.9260e-003	0.00

tblFleetMix	LHD2	5.9260e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MCY	5.2120e-003	0.00
tblFleetMix	MDV	0.18	0.20
tblFleetMix	MDV	0.18	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MH	2.0380e-003	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	OBUS	8.7000e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	SBUS	5.8400e-004	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblFleetMix	UBUS	1.9680e-003	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	456.00

tblVehicleTrips	WD_TR	0.00	215.00
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2.0 Emissions Summary

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					
2004	6,687.2893	1.4942	12.3156	6.5800e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123	0.0000	426.7662	426.7662	0.0766	0.0000	428.6802
Maximum	6,687.2893	1.4942	12.3156	6.5800e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123	0.0000	426.7662	426.7662	0.0766	0.0000	428.6802

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2004	6,687.2893	1.4942	12.3156	6.5800e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123	0.0000	426.7662	426.7662	0.0766	0.0000	428.6802
Maximum	6,687.2893	1.4942	12.3156	6.5800e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123	0.0000	426.7662	426.7662	0.0766	0.0000	428.6802

	ROG	NOx	CO	SO2	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

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	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541
Energy	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578
Mobile	12.5998	120.5938	97.5107	0.8667	4.5943	3.2538	7.8480	1.2324	3.1112	4.3436		13,022.7894	13,022.7894	2.6450		13,088.9155
Total	24.8242	121.5781	98.4186	0.8726	4.5943	3.3288	7.9231	1.2324	3.1862	4.4186		14,202.8734	14,202.8734	2.6683	0.0216	14,276.0274

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	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541
Energy	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578
Mobile	12.5998	120.5938	97.5107	0.8667	4.5943	3.2538	7.8480	1.2324	3.1112	4.3436		13,022.7894	13,022.7894	2.6450		13,088.9155
Total	24.8242	121.5781	98.4186	0.8726	4.5943	3.3288	7.9231	1.2324	3.1862	4.4186		14,202.8734	14,202.8734	2.6683	0.0216	14,276.0274

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	6/15/2004	6/15/2004	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2004

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	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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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	1.2091	1.4942	12.3156	6.5800e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123		426.7662	426.7662	0.0766		428.6802
Total	1.2091	1.4942	12.3156	6.5800e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123		426.7662	426.7662	0.0766		428.6802

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	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	1.2091	1.4942	12.3156	6.5800e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123		426.7662	426.7662	0.0766		428.6802
Total	1.2091	1.4942	12.3156	6.5800e-003	0.3697	0.0153	0.3850	0.0981	0.0142	0.1123		426.7662	426.7662	0.0766		428.6802

4.0 Operational Detail - Mobile

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	12.5998	120.5938	97.5107	0.8667	4.5943	3.2538	7.8480	1.2324	3.1112	4.3436		13,022.7894	13,022.7894	2.6450		13,088.9155
Unmitigated	12.5998	120.5938	97.5107	0.8667	4.5943	3.2538	7.8480	1.2324	3.1112	4.3436		13,022.7894	13,022.7894	2.6450		13,088.9155

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	456.00	456.00	456.00	1,427,130	1,427,130
User Defined Industrial	215.00	215.00	215.00	672,879	672,879

Total	671.00	671.00	671.00	2,100,010	2,100,010
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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 Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
User Defined Commercial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0
User Defined Industrial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Parking Lot	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Unrefrigerated Warehouse-No	0.469017	0.066969	0.162053	0.179952	0.040904	0.005926	0.016959	0.047547	0.000870	0.001968	0.005212	0.000584	0.002038
Rail													
User Defined Commercial	0.534193	0.076275	0.184573	0.204959	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: Y

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					
Natural Gas Mitigated	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747	1,179.946	0	1,179.946	0.0226	0.0216	1,186.9578

NaturalGas Unmitigated	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578
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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	10029.5	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578
User Defined Commercial	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
User Defined Industrial	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
Total		0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578

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 Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	10.0295	0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578
User Defined Commercial	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

User Defined Industrial	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
Total		0.1082	0.9833	0.8260	5.9000e-003		0.0747	0.0747		0.0747	0.0747		1,179.9460	1,179.9460	0.0226	0.0216	1,186.9578

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541
Unmitigated	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0106	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541
Total	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0106	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541
Total	12.1163	9.8000e-004	0.0820	0.0000		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004		0.1381	0.1381	6.4000e-004		0.1541

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 Operation Only - San Joaquin County, Annual

**Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 Operation Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	12/26/2025	7/24/2024
tblConstructionPhase	PhaseStartDate	11/29/2025	7/24/2024
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MHD	0.02	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	456.00
tblVehicleTrips	WD_TR	0.00	215.00

2.0 Emissions Summary

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					
2024	3.3431	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360
Maximum	3.3431	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360

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					
2024	3.3431	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360
Maximum	3.3431	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360

	ROG	NOx	CO	SO2	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)
2	7-1-2024	9-30-2024	2.3880	2.3880
		Highest	2.3880	2.3880

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	2.2098	5.0000e-005	5.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120
Energy	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	368.0521	368.0521	0.0323	8.9200e-003	371.5153
Mobile	0.1828	4.4047	1.8273	0.0193	0.8120	7.5800e-003	0.8196	0.2184	7.1500e-003	0.2255	0.0000	1,815.0316	1,815.0316	0.0805	0.0000	1,817.0433
Waste						0.0000	0.0000		0.0000	0.0000	91.4292	0.0000	91.4292	5.4033	0.0000	226.5119
Water						0.0000	0.0000		0.0000	0.0000	35.1536	57.1117	92.2652	3.6185	0.0869	208.6196
Total	2.4084	4.5482	1.9537	0.0201	0.8120	0.0185	0.8305	0.2184	0.0181	0.2364	126.5827	2,240.2067	2,366.7894	9.1346	0.0958	2,623.7021

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	2.2098	5.0000e-005	5.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120
Energy	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	368.0521	368.0521	0.0323	8.9200e-003	371.5153
Mobile	0.1828	4.4047	1.8273	0.0193	0.8120	7.5800e-003	0.8196	0.2184	7.1500e-003	0.2255	0.0000	1,815.0316	1,815.0316	0.0805	0.0000	1,817.0433
Waste						0.0000	0.0000		0.0000	0.0000	91.4292	0.0000	91.4292	5.4033	0.0000	226.5119
Water						0.0000	0.0000		0.0000	0.0000	35.1536	57.1117	92.2652	3.6185	0.0869	208.6196
Total	2.4084	4.5482	1.9537	0.0201	0.8120	0.0185	0.8305	0.2184	0.0181	0.2364	126.5827	2,240.2067	2,366.7894	9.1346	0.0958	2,623.7021

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

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	7/24/2024	7/24/2024	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

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

Category	tons/yr										MT/yr					
Archit. Coating	3.3430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.3430	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360
Total	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360

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	3.3430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.3430	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360
Total	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360

4.0 Operational Detail - Mobile

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	0.1828	4.4047	1.8273	0.0193	0.8120	7.5800e-003	0.8196	0.2184	7.1500e-003	0.2255	0.0000	1,815.0316	1,815.0316	0.0805	0.0000	1,817.0433
Unmitigated	0.1828	4.4047	1.8273	0.0193	0.8120	7.5800e-003	0.8196	0.2184	7.1500e-003	0.2255	0.0000	1,815.0316	1,815.0316	0.0805	0.0000	1,817.0433

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	456.00	456.00	456.00	1,427,130	1,427,130
User Defined Industrial	215.00	215.00	215.00	672,879	672,879
Total	671.00	671.00	671.00	2,100,010	2,100,010

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 Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
User Defined Commercial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0
User Defined Industrial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Parking Lot	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Unrefrigerated Warehouse-No Rail	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	211.8206	211.8206	0.0293	6.0500e-003	214.3554
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	211.8206	211.8206	0.0293	6.0500e-003	214.3554
NaturalGas Mitigated	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599
NaturalGas Unmitigated	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599

5.2 Energy by Land Use - NaturalGas
Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	2.92767e+006	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599

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
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Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Unrefrigerated Warehouse-No	2.92767e+006	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599
User Defined Commercial	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	
User Defined Industrial	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	
Total		0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19600	1.8670	2.6000e-004	5.0000e-005	1.8893
Unrefrigerated Warehouse-No	2.20414e+006	209.9537	0.0290	6.0000e-003	212.4661
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		211.8206	0.0293	6.0500e-003	214.3554

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19600	1.8670	2.6000e-004	5.0000e-005	1.8893
Unrefrigerated Warehouse-No	2.20414e+006	209.9537	0.0290	6.0000e-003	212.4661
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		211.8206	0.0293	6.0500e-003	214.3554

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	2.2098	5.0000e-005	5.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120
Unmitigated	2.2098	5.0000e-005	5.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120

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
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SubCategory	tons/yr									MT/yr					
Architectural Coating	0.3343					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8750					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.3000e-004	5.0000e-005	5.7800e-003	0.0000		2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120
Total	2.2098	5.0000e-005	5.7800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0120

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	0.3343						0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8750						0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.3000e-004	5.0000e-005	5.7800e-003	0.0000			2.0000e-005	2.0000e-005	2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120
Total	2.2098	5.0000e-005	5.7800e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0120

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			

Mitigated	92.2652	3.6185	0.0869	208.6196
Unmitigated	92.2652	3.6185	0.0869	208.6196

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	110.806 / 0	92.2652	3.6185	0.0869	208.6196
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		92.2652	3.6185	0.0869	208.6196

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	110.806 / 0	92.2652	3.6185	0.0869	208.6196

User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		92.2652	3.6185	0.0869	208.6196

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	91.4292	5.4033	0.0000	226.5119
Unmitigated	91.4292	5.4033	0.0000	226.5119

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	450.41	91.4292	5.4033	0.0000	226.5119

User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		91.4292	5.4033	0.0000	226.5119

Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	450.41	91.4292	5.4033	0.0000	226.5119
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		91.4292	5.4033	0.0000	226.5119

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 Operation Only - San Joaquin County, Summer

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 Operation Only
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	12/26/2025	7/24/2024
tblConstructionPhase	PhaseStartDate	11/29/2025	7/24/2024
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MHD	0.02	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	456.00
tblVehicleTrips	WD_TR	0.00	215.00

2.0 Emissions Summary

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					
2024	6,686.2278	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	325.8884	325.8884	6.7300e-003	0.0000	326.0567
Maximum	6,686.2278	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	325.8884	325.8884	6.7300e-003	0.0000	326.0567

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	6,686.2278	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	325.8884	325.8884	6.7300e-003	0.0000	326.0567
Maximum	6,686.2278	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	325.8884	325.8884	6.7300e-003	0.0000	326.0567

	ROG	NOx	CO	SO2	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

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
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Category	lb/day										lb/day					
Area	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471
Energy	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
Mobile	1.1145	24.0774	10.5877	0.1095	4.5946	0.0414	4.6360	1.2325	0.0390	1.2715		11,364.2943	11,364.2943	0.4685		11,376.0068
Total	13.3126	24.8643	11.3125	0.1143	4.5946	0.1014	4.6960	1.2325	0.0990	1.3315		12,308.0803	12,308.0803	0.4870	0.0173	12,325.4094

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	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471
Energy	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
Mobile	1.1145	24.0774	10.5877	0.1095	4.5946	0.0414	4.6360	1.2325	0.0390	1.2715		11,364.2943	11,364.2943	0.4685		11,376.0068
Total	13.3126	24.8643	11.3125	0.1143	4.5946	0.1014	4.6960	1.2325	0.0990	1.3315		12,308.0803	12,308.0803	0.4870	0.0173	12,325.4094

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	7/24/2024	7/24/2024	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.1476	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		325.8884	325.8884	6.7300e-003		326.0567
Total	0.1476	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		325.8884	325.8884	6.7300e-003		326.0567

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	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.1476	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		325.8884	325.8884	6.7300e-003		326.0567
Total	0.1476	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		325.8884	325.8884	6.7300e-003		326.0567

4.0 Operational Detail - Mobile

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	1.1145	24.0774	10.5877	0.1095	4.5946	0.0414	4.6360	1.2325	0.0390	1.2715		11,364.2943	11,364.2943	0.4685		11,376.0068
Unmitigated	1.1145	24.0774	10.5877	0.1095	4.5946	0.0414	4.6360	1.2325	0.0390	1.2715		11,364.2943	11,364.2943	0.4685		11,376.0068

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	456.00	456.00	456.00	1,427,130	1,427,130
User Defined Industrial	215.00	215.00	215.00	672,879	672,879
Total	671.00	671.00	671.00	2,100,010	2,100,010

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %

Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
User Defined Commercial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0
User Defined Industrial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Parking Lot	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Unrefrigerated Warehouse-No	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598			943.6479	943.6479	0.0181	0.0173	949.2555
NaturalGas Unmitigated	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598			943.6479	943.6479	0.0181	0.0173	949.2555

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	8021.01	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
User Defined Commercial	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
User Defined Industrial	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
Total		0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	8.02101	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
User Defined Commercial	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
User Defined Industrial	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
Total		0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471
Unmitigated	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9200e-003	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471
Total	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9200e-003	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471
Total	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 Operation Only - San Joaquin County, Winter

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 Operation Only San Joaquin County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	210	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 1

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	12/26/2025	7/24/2024
tblConstructionPhase	PhaseStartDate	11/29/2025	7/24/2024
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MHD	0.02	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	210
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	456.00
tblVehicleTrips	WD_TR	0.00	215.00

2.0 Emissions Summary

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					
2024	6,686.2247	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	291.3686	291.3686	6.0300e-003	0.0000	291.5193
Maximum	6,686.2247	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	291.3686	291.3686	6.0300e-003	0.0000	291.5193

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	6,686.2247	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	291.3686	291.3686	6.0300e-003	0.0000	291.5193
Maximum	6,686.2247	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	291.3686	291.3686	6.0300e-003	0.0000	291.5193

	ROG	NOx	CO	SO2	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

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
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Category	lb/day										lb/day					
Area	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471
Energy	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
Mobile	0.9892	24.1032	10.4169	0.1034	4.5946	0.0421	4.6367	1.2325	0.0397	1.2722		10,735.4137	10,735.4137	0.5185		10,748.3765
Total	13.1873	24.8902	11.1417	0.1081	4.5946	0.1021	4.6967	1.2325	0.0997	1.3322		11,679.1997	11,679.1997	0.5370	0.0173	11,697.7790

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	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471
Energy	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
Mobile	0.9892	24.1032	10.4169	0.1034	4.5946	0.0421	4.6367	1.2325	0.0397	1.2722		10,735.4137	10,735.4137	0.5185		10,748.3765
Total	13.1873	24.8902	11.1417	0.1081	4.5946	0.1021	4.6967	1.2325	0.0997	1.3322		11,679.1997	11,679.1997	0.5370	0.0173	11,697.7790

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	7/24/2024	7/24/2024	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.1445	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		291.3686	291.3686	6.0300e-003		291.5193
Total	0.1445	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		291.3686	291.3686	6.0300e-003		291.5193

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	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.1445	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		291.3686	291.3686	6.0300e-003		291.5193
Total	0.1445	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		291.3686	291.3686	6.0300e-003		291.5193

4.0 Operational Detail - Mobile

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	0.9892	24.1032	10.4169	0.1034	4.5946	0.0421	4.6367	1.2325	0.0397	1.2722		10,735.4137	10,735.4137	0.5185		10,748.3765
Unmitigated	0.9892	24.1032	10.4169	0.1034	4.5946	0.0421	4.6367	1.2325	0.0397	1.2722		10,735.4137	10,735.4137	0.5185		10,748.3765

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	456.00	456.00	456.00	1,427,130	1,427,130
User Defined Industrial	215.00	215.00	215.00	672,879	672,879
Total	671.00	671.00	671.00	2,100,010	2,100,010

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %

Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
User Defined Commercial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0
User Defined Industrial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Parking Lot	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
Unrefrigerated Warehouse-No	0.569469	0.033625	0.187201	0.109657	0.014512	0.004272	0.015978	0.056631	0.001184	0.001333	0.004855	0.000598	0.000684
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598			943.6479	943.6479	0.0181	0.0173	949.2555
NaturalGas Unmitigated	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598			943.6479	943.6479	0.0181	0.0173	949.2555

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	8021.01	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
User Defined Commercial	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
User Defined Industrial	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
Total		0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	8.02101	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
User Defined Commercial	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
User Defined Industrial	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
Total		0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471
Unmitigated	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9200e-003	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471
Total	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.9200e-003	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471
Total	12.1116	5.8000e-004	0.0642	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1471

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2030 Operation Only - San Joaquin County, Annual

**Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2030 Operation Only
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	184	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 8

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	12/26/2025	7/24/2024
tblConstructionPhase	PhaseStartDate	11/29/2025	7/24/2024
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.58	0.64
tblFleetMix	LDA	0.58	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MDV	0.10	0.11
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MHD	0.02	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	184
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	456.00
tblVehicleTrips	WD_TR	0.00	215.00

2.0 Emissions Summary

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					
2024	3.3431	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360
Maximum	3.3431	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360

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					
2024	3.3431	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360
Maximum	3.3431	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360

	ROG	NOx	CO	SO2	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)
2	7-1-2024	9-30-2024	2.3880	2.3880
		Highest	2.3880	2.3880

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	2.2098	5.0000e-005	5.7700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120
Energy	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	341.8267	341.8267	0.0323	8.9200e-003	345.2899
Mobile	0.1546	4.1388	1.4987	0.0181	0.8120	6.5900e-003	0.8186	0.2184	6.2200e-003	0.2246	0.0000	1,710.9646	1,710.9646	0.0730	0.0000	1,712.7904
Waste						0.0000	0.0000		0.0000	0.0000	91.4292	0.0000	91.4292	5.4033	0.0000	226.5119
Water						0.0000	0.0000		0.0000	0.0000	35.1536	50.0407	85.1943	3.6185	0.0869	201.5486
Total	2.3802	4.2823	1.6250	0.0190	0.8120	0.0175	0.8295	0.2184	0.0172	0.2355	126.5827	2,102.8433	2,229.4260	9.1271	0.0958	2,486.1528

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	2.2098	5.0000e-005	5.7700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120
Energy	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	341.8267	341.8267	0.0323	8.9200e-003	345.2899
Mobile	0.1546	4.1388	1.4987	0.0181	0.8120	6.5900e-003	0.8186	0.2184	6.2200e-003	0.2246	0.0000	1,710.9646	1,710.9646	0.0730	0.0000	1,712.7904
Waste						0.0000	0.0000		0.0000	0.0000	91.4292	0.0000	91.4292	5.4033	0.0000	226.5119
Water						0.0000	0.0000		0.0000	0.0000	35.1536	50.0407	85.1943	3.6185	0.0869	201.5486
Total	2.3802	4.2823	1.6250	0.0190	0.8120	0.0175	0.8295	0.2184	0.0172	0.2355	126.5827	2,102.8433	2,229.4260	9.1271	0.0958	2,486.1528

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

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	7/24/2024	7/24/2024	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

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

Category	tons/yr										MT/yr					
Archit. Coating	3.3430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.3430	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360
Total	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360

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	3.3430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.3430	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360
Total	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1359	0.1359	0.0000	0.0000	0.1360

4.0 Operational Detail - Mobile

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	0.1546	4.1388	1.4987	0.0181	0.8120	6.5900e-003	0.8186	0.2184	6.2200e-003	0.2246	0.0000	1,710.9646	1,710.9646	0.0730	0.0000	1,712.7904
Unmitigated	0.1546	4.1388	1.4987	0.0181	0.8120	6.5900e-003	0.8186	0.2184	6.2200e-003	0.2246	0.0000	1,710.9646	1,710.9646	0.0730	0.0000	1,712.7904

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	456.00	456.00	456.00	1,427,130	1,427,130
User Defined Industrial	215.00	215.00	215.00	672,879	672,879
Total	671.00	671.00	671.00	2,100,010	2,100,010

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 Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
User Defined Commercial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0
User Defined Industrial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Parking Lot	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Unrefrigerated Warehouse-No Rail	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
User Defined Commercial	0.642287	0.035684	0.210955	0.111074	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	185.5952	185.5952	0.0293	6.0500e-003	188.1300
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	185.5952	185.5952	0.0293	6.0500e-003	188.1300
NaturalGas Mitigated	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599
NaturalGas Unmitigated	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599

5.2 Energy by Land Use - NaturalGas
Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	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	0.0000
Unrefrigerated Warehouse-No	2.92767e+006	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599
User Defined Commercial	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
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599

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
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Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-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	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Unrefrigerated Warehouse-No	2.92767e+006	0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599
User Defined Commercial	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	
User Defined Industrial	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	
Total		0.0158	0.1435	0.1206	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.2315	156.2315	2.9900e-003	2.8600e-003	157.1599

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19600	1.6358	2.6000e-004	5.0000e-005	1.6582
Unrefrigerated Warehouse-No	2.20414e+006	183.9594	0.0290	6.0000e-003	186.4718
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		185.5952	0.0293	6.0500e-003	188.1300

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	19600	1.6358	2.6000e-004	5.0000e-005	1.6582
Unrefrigerated Warehouse-No	2.20414e+006	183.9594	0.0290	6.0000e-003	186.4718
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		185.5952	0.0293	6.0500e-003	188.1300

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	2.2098	5.0000e-005	5.7700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120
Unmitigated	2.2098	5.0000e-005	5.7700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120

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
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SubCategory	tons/yr								MT/yr							
Architectural Coating	0.3343					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	1.8750					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	5.3000e-004	5.0000e-005	5.7700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120
Total	2.2098	5.0000e-005	5.7700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120

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	0.3343						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	1.8750						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	5.3000e-004	5.0000e-005	5.7700e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120
Total	2.2098	5.0000e-005	5.7700e-003	0.0000			2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0113	0.0113	3.0000e-005	0.0000	0.0120

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			

Mitigated	85.1943	3.6185	0.0869	201.5486
Unmitigated	85.1943	3.6185	0.0869	201.5486

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	110.806 / 0	85.1943	3.6185	0.0869	201.5486
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		85.1943	3.6185	0.0869	201.5486

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	110.806 / 0	85.1943	3.6185	0.0869	201.5486

User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		85.1943	3.6185	0.0869	201.5486

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	91.4292	5.4033	0.0000	226.5119
Unmitigated	91.4292	5.4033	0.0000	226.5119

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	450.41	91.4292	5.4033	0.0000	226.5119

User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		91.4292	5.4033	0.0000	226.5119

Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	450.41	91.4292	5.4033	0.0000	226.5119
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		91.4292	5.4033	0.0000	226.5119

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2030 Operation Only - San Joaquin County, Summer

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2030 Operation Only
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	184	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 8

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	12/26/2025	7/24/2024
tblConstructionPhase	PhaseStartDate	11/29/2025	7/24/2024
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.58	0.64
tblFleetMix	LDA	0.58	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MDV	0.10	0.11
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MHD	0.02	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	184
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	456.00
tblVehicleTrips	WD_TR	0.00	215.00

2.0 Emissions Summary

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					
2024	6,686.2278	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	325.8884	325.8884	6.7300e-003	0.0000	326.0567
Maximum	6,686.2278	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	325.8884	325.8884	6.7300e-003	0.0000	326.0567

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	6,686.2278	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	325.8884	325.8884	6.7300e-003	0.0000	326.0567
Maximum	6,686.2278	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	325.8884	325.8884	6.7300e-003	0.0000	326.0567

	ROG	NOx	CO	SO2	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

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
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Category	lb/day										lb/day					
Area	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470
Energy	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
Mobile	0.9307	22.6609	8.6177	0.1029	4.5947	0.0360	4.6307	1.2325	0.0340	1.2665		10,691.5482	10,691.5482	0.4237		10,702.1394
Total	13.1287	23.4478	9.3424	0.1076	4.5947	0.0960	4.6907	1.2325	0.0940	1.3265		11,635.3341	11,635.3341	0.4421	0.0173	11,651.5419

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	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470
Energy	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
Mobile	0.9307	22.6609	8.6177	0.1029	4.5947	0.0360	4.6307	1.2325	0.0340	1.2665		10,691.5482	10,691.5482	0.4237		10,702.1394
Total	13.1287	23.4478	9.3424	0.1076	4.5947	0.0960	4.6907	1.2325	0.0940	1.3265		11,635.3341	11,635.3341	0.4421	0.0173	11,651.5419

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	7/24/2024	7/24/2024	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.1476	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		325.8884	325.8884	6.7300e-003		326.0567
Total	0.1476	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		325.8884	325.8884	6.7300e-003		326.0567

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	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.1476	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		325.8884	325.8884	6.7300e-003		326.0567
Total	0.1476	0.0748	1.0092	3.2700e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		325.8884	325.8884	6.7300e-003		326.0567

4.0 Operational Detail - Mobile

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	0.9307	22.6609	8.6177	0.1029	4.5947	0.0360	4.6307	1.2325	0.0340	1.2665		10,691.5482	10,691.5482	0.4237		10,702.1394
Unmitigated	0.9307	22.6609	8.6177	0.1029	4.5947	0.0360	4.6307	1.2325	0.0340	1.2665		10,691.5482	10,691.5482	0.4237		10,702.1394

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	456.00	456.00	456.00	1,427,130	1,427,130
User Defined Industrial	215.00	215.00	215.00	672,879	672,879
Total	671.00	671.00	671.00	2,100,010	2,100,010

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %

Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
User Defined Commercial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0
User Defined Industrial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Parking Lot	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Unrefrigerated Warehouse-No	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
User Defined Commercial	0.642287	0.035684	0.210955	0.111074	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
NaturalGas Unmitigated	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	8021.01	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
User Defined Commercial	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
User Defined Industrial	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
Total		0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	8.02101	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
User Defined Commercial	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
User Defined Industrial	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
Total		0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470
Unmitigated	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.8600e-003	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470
Total	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.8600e-003	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470
Total	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2030 Operation Only - San Joaquin County, Winter

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2030 Operation Only San Joaquin County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	479.16	1000sqft	11.00	479,160.00	0
Other Non-Asphalt Surfaces	9.71	Acre	9.71	0.00	0
Parking Lot	140.00	Space	1.26	56,000.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2030
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	184	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CalEEMod Note 8

Land Use - CalEEMod Note 2

Construction Phase - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 6

Off-road Equipment - CalEEMod Note 4

Trips and VMT -

Grading -

Vehicle Trips - CalEEMod Note 7

Consumer Products -

Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - CalEEMod Note 7

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblConstructionPhase	PhaseEndDate	12/26/2025	7/24/2024
tblConstructionPhase	PhaseStartDate	11/29/2025	7/24/2024
tblFleetMix	HHD	0.06	0.00
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.58	0.64
tblFleetMix	LDA	0.58	0.00
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	LHD2	3.8800e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MCY	4.6390e-003	0.00
tblFleetMix	MDV	0.10	0.11
tblFleetMix	MDV	0.10	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MH	5.5100e-004	0.00
tblFleetMix	MHD	0.02	0.00

tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	OBUS	1.1730e-003	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	SBUS	5.7800e-004	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblFleetMix	UBUS	1.2040e-003	0.00
tblLandUse	LandUseSquareFeet	422,967.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	184
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	1.68	0.00
tblVehicleTrips	WD_TR	0.00	456.00
tblVehicleTrips	WD_TR	0.00	215.00

2.0 Emissions Summary

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					
2024	6,686.2247	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	291.3686	291.3686	6.0300e-003	0.0000	291.5193
Maximum	6,686.2247	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	291.3686	291.3686	6.0300e-003	0.0000	291.5193

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	6,686.2247	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	291.3686	291.3686	6.0300e-003	0.0000	291.5193
Maximum	6,686.2247	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000	0.0000	291.3686	291.3686	6.0300e-003	0.0000	291.5193

	ROG	NOx	CO	SO2	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

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
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Category	lb/day										lb/day					
Area	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470
Energy	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
Mobile	0.8393	22.6223	8.5624	0.0974	4.5947	0.0365	4.6312	1.2325	0.0345	1.2670		10,125.8434	10,125.8434	0.4717		10,137.6364
Total	13.0373	23.4093	9.2870	0.1021	4.5947	0.0965	4.6912	1.2325	0.0945	1.3270		11,069.6294	11,069.6294	0.4902	0.0173	11,087.0389

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	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470
Energy	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
Mobile	0.8393	22.6223	8.5624	0.0974	4.5947	0.0365	4.6312	1.2325	0.0345	1.2670		10,125.8434	10,125.8434	0.4717		10,137.6364
Total	13.0373	23.4093	9.2870	0.1021	4.5947	0.0965	4.6912	1.2325	0.0945	1.3270		11,069.6294	11,069.6294	0.4902	0.0173	11,087.0389

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	7/24/2024	7/24/2024	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 10.97

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 718,740; Non-Residential Outdoor: 239,580; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	45.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.1445	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		291.3686	291.3686	6.0300e-003		291.5193
Total	0.1445	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		291.3686	291.3686	6.0300e-003		291.5193

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	6,686.0802					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	6,686.0802	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.1445	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		291.3686	291.3686	6.0300e-003		291.5193
Total	0.1445	0.0908	0.8824	2.9200e-003	0.3697	2.1500e-003	0.3718	0.0981	1.9800e-003	0.1000		291.3686	291.3686	6.0300e-003		291.5193

4.0 Operational Detail - Mobile

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	0.8393	22.6223	8.5624	0.0974	4.5947	0.0365	4.6312	1.2325	0.0345	1.2670		10,125.8434	10,125.8434	0.4717		10,137.6364
Unmitigated	0.8393	22.6223	8.5624	0.0974	4.5947	0.0365	4.6312	1.2325	0.0345	1.2670		10,125.8434	10,125.8434	0.4717		10,137.6364

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
User Defined Commercial	456.00	456.00	456.00	1,427,130	1,427,130
User Defined Industrial	215.00	215.00	215.00	672,879	672,879
Total	671.00	671.00	671.00	2,100,010	2,100,010

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %

Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3
User Defined Commercial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0
User Defined Industrial	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Parking Lot	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
Unrefrigerated Warehouse-No	0.581437	0.032303	0.190969	0.100551	0.011057	0.003880	0.015441	0.056216	0.001173	0.001204	0.004639	0.000578	0.000551
User Defined Commercial	0.642287	0.035684	0.210955	0.111074	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
NaturalGas Unmitigated	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	8021.01	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
User Defined Commercial	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
User Defined Industrial	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
Total		0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555

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	lb/day										lb/day					
Other Non-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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	8.02101	0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555
User Defined Commercial	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
User Defined Industrial	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
Total		0.0865	0.7864	0.6606	4.7200e-003		0.0598	0.0598		0.0598	0.0598		943.6479	943.6479	0.0181	0.0173	949.2555

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470
Unmitigated	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.8600e-003	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470
Total	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470

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	1.8318					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.2739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.8600e-003	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470
Total	12.1115	5.8000e-004	0.0641	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1381	0.1381	3.6000e-004		0.1470

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

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



Tracy Alliance Phase 3 (Zuriakat Parcel) - 2025 PASSENGER VEH ONSITE PM10 - San Joaquin County, Annual

**Tracy Alliance Phase 3 (Zuriakat Parcel) - 2025 PASSENGER VEH ONSITE PM10
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Passenger vehicles only
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Grading -
- Vehicle Trips - Passenger vehicles only - on-site only, 100% primary
- Consumer Products - Vehicles only
- Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblVehicleTrips	CC_TL	7.30	0.40
tblVehicleTrips	CNW_TL	7.30	0.40
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	0.40
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	WD_TR	0.00	456.00

2.0 Emissions Summary

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					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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)

	Highest	
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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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.0631	0.0205	0.2826	3.2000e-004	0.0245	5.4000e-004	0.0250	6.5000e-003	5.0000e-004	7.0000e-003	0.0000	28.4467	28.4467	1.2900e-003	0.0000	28.4790
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
Total	0.0631	0.0205	0.2826	3.2000e-004	0.0245	5.4000e-004	0.0250	6.5000e-003	5.0000e-004	7.0000e-003	0.0000	28.4467	28.4467	1.2900e-003	0.0000	28.4790

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.0631	0.0205	0.2826	3.2000e-004	0.0245	5.4000e-004	0.0250	6.5000e-003	5.0000e-004	7.0000e-003	0.0000	28.4467	28.4467	1.2900e-003	0.0000	28.4790
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

Total	0.0631	0.0205	0.2826	3.2000e-004	0.0245	5.4000e-004	0.0250	6.5000e-003	5.0000e-004	7.0000e-003	0.0000	28.4467	28.4467	1.2900e-003	0.0000	28.4790
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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	Architectural Coating	Architectural Coating	4/1/2024	3/31/2024	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.0631	0.0205	0.2826	3.2000e-004	0.0245	5.4000e-004	0.0250	6.5000e-003	5.0000e-004	7.0000e-003	0.0000	28.4467	28.4467	1.2900e-003	0.0000	28.4790
Unmitigated	0.0631	0.0205	0.2826	3.2000e-004	0.0245	5.4000e-004	0.0250	6.5000e-003	5.0000e-004	7.0000e-003	0.0000	28.4467	28.4467	1.2900e-003	0.0000	28.4790

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	456.00	456.00	456.00	66,394	66,394
Total	456.00	456.00	456.00	66,394	66,394

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	0.40	0.40	0.40	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	0.0000
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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005	
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005	

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
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Land Use	Mgal	MT/yr			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000

Total		0.0000	0.0000	0.0000	0.0000
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Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined	0	0.0000	0.0000	0.0000	0.0000
Commercial					
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 3 (Zuriakat Parcel) - 2025 TRUCKS ONSITE PM10 - San Joaquin County, Annual

**Tracy Alliance Phase 3 (Zuriakat Parcel) - 2025 TRUCKS ONSITE PM10
San Joaquin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Trucks only
- Construction Phase -
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Grading -
- Vehicle Trips - Trucks only - on-site only, 100% primary
- Consumer Products - Vehicles only
- Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblVehicleTrips	CC_TL	7.30	0.40
tblVehicleTrips	CNW_TL	7.30	0.40
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	0.40
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	0.00	215.00

2.0 Emissions Summary

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					
2024	9.0000e-005	6.1000e-004	9.1000e-004	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	3.0000e-005	3.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1278
Maximum	9.0000e-005	6.1000e-004	9.1000e-004	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	3.0000e-005	3.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1278

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					
2024	9.0000e-005	6.1000e-004	9.1000e-004	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	3.0000e-005	3.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1278
Maximum	9.0000e-005	6.1000e-004	9.1000e-004	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	3.0000e-005	3.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1278

	ROG	NOx	CO	SO2	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)

	Highest	
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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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.0465	3.1064	0.2881	4.8100e-003	0.0133	5.6000e-004	0.0139	3.6600e-003	5.3000e-004	4.1900e-003	0.0000	458.1612	458.1612	0.0666	0.0000	459.8264
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
Total	0.0465	3.1064	0.2882	4.8100e-003	0.0133	5.6000e-004	0.0139	3.6600e-003	5.3000e-004	4.1900e-003	0.0000	458.1613	458.1613	0.0666	0.0000	459.8264

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.0465	3.1064	0.2881	4.8100e-003	0.0133	5.6000e-004	0.0139	3.6600e-003	5.3000e-004	4.1900e-003	0.0000	458.1612	458.1612	0.0666	0.0000	459.8264
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

Total	0.0465	3.1064	0.2882	4.8100e-003	0.0133	5.6000e-004	0.0139	3.6600e-003	5.3000e-004	4.1900e-003	0.0000	458.1613	458.1613	0.0666	0.0000	459.8264
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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	Architectural Coating	Architectural Coating	7/24/2024	7/24/2024	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.0465	3.1064	0.2881	4.8100e-003	0.0133	5.6000e-004	0.0139	3.6600e-003	5.3000e-004	4.1900e-003	0.0000	458.1612	458.1612	0.0666	0.0000	459.8264
Unmitigated	0.0465	3.1064	0.2881	4.8100e-003	0.0133	5.6000e-004	0.0139	3.6600e-003	5.3000e-004	4.1900e-003	0.0000	458.1612	458.1612	0.0666	0.0000	459.8264

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	215.00	215.00	215.00	31,304	31,304
Total	215.00	215.00	215.00	31,304	31,304

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	0.40	0.40	0.40	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	0.0000
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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
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Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000

Total		0.0000	0.0000	0.0000	0.0000
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Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined	0	0.0000	0.0000	0.0000	0.0000
Industrial					
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 PASSENGER VEH ONLY - San Joaquin County, Annual

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 PASSENGER VEH ONLY
San Joaquin County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Passenger vehicles only
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Grading -
- Vehicle Trips - Passenger vehicles only - adjusted trip lengths to match collective model, 100% primary
- Consumer Products - Vehicles only
- Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	WD_TR	0.00	456.00

2.0 Emissions Summary

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					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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)

	Highest	
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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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.0838	0.1335	1.4134	5.7800e-003	0.6956	3.7300e-003	0.6994	0.1848	3.4300e-003	0.1883	0.0000	523.3026	523.3026	8.8000e-003	0.0000	523.5227
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
Total	0.0838	0.1335	1.4134	5.7800e-003	0.6956	3.7300e-003	0.6994	0.1848	3.4300e-003	0.1883	0.0000	523.3027	523.3027	8.8000e-003	0.0000	523.5228

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.0838	0.1335	1.4134	5.7800e-003	0.6956	3.7300e-003	0.6994	0.1848	3.4300e-003	0.1883	0.0000	523.3026	523.3026	8.8000e-003	0.0000	523.5227
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

Total	0.0838	0.1335	1.4134	5.7800e-003	0.6956	3.7300e-003	0.6994	0.1848	3.4300e-003	0.1883	0.0000	523.3027	523.3027	8.8000e-003	0.0000	523.5228
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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	Architectural Coating	Architectural Coating	4/1/2024	3/31/2024	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.0838	0.1335	1.4134	5.7800e-003	0.6956	3.7300e-003	0.6994	0.1848	3.4300e-003	0.1883	0.0000	523.3026	523.3026	8.8000e-003	0.0000	523.5227
Unmitigated	0.0838	0.1335	1.4134	5.7800e-003	0.6956	3.7300e-003	0.6994	0.1848	3.4300e-003	0.1883	0.0000	523.3026	523.3026	8.8000e-003	0.0000	523.5227

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	456.00	456.00	456.00	1,888,732	1,888,732
Total	456.00	456.00	456.00	1,888,732	1,888,732

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	0.0000
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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
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Land Use	Mgal	MT/yr			
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
	tons	MT/yr			
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000

Total		0.0000	0.0000	0.0000	0.0000
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Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined	0	0.0000	0.0000	0.0000	0.0000
Commercial					
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 PASSENGER VEH ONLY - San Joaquin County, Summer

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 PASSENGER VEH ONLY
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Passenger vehicles only
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Grading -
- Vehicle Trips - Passenger vehicles only - adjusted trip lengths to match collective model, 100% primary
- Consumer Products - Vehicles only
- Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	WD_TR	0.00	456.00

2.0 Emissions Summary

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					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0609	0.0000	0.0000	0.0609	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0609	0.0000	0.0000	0.0609	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0609	0.0000	0.0000	0.0609	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0609	0.0000	0.0000	0.0609	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.5882	0.6674	8.9188	0.0346	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,451.2921	3,451.2921	0.0587		3,452.7584
Total	0.5882	0.6674	8.9189	0.0346	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,451.2923	3,451.2923	0.0587	0.0000	3,452.7586

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.5882	0.6674	8.9188	0.0346	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,451.2921	3,451.2921	0.0587		3,452.7584
Total	0.5882	0.6674	8.9189	0.0346	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,451.2923	3,451.2923	0.0587	0.0000	3,452.7586

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/1/2024	3/31/2024	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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
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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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.5882	0.6674	8.9188	0.0346	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,451.292	3,451.292	0.0587	
Unmitigated	0.5882	0.6674	8.9188	0.0346	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,451.292	3,451.292	0.0587		3,452.758

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	456.00	456.00	456.00	1,888,732	1,888,732
Total	456.00	456.00	456.00	1,888,732	1,888,732

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %
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Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

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					
User Defined Commercial	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

Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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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	lb/day										lb/day					
User Defined Commercial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 PASSENGER VEH ONLY - San Joaquin County, Winter

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 PASSENGER VEH ONLY
San Joaquin County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Passenger vehicles only
- Construction Phase - Passenger vehicles only
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Grading -
- Vehicle Trips - Passenger vehicles only - adjusted trip lengths to match collective model, 100% primary
- Consumer Products - Vehicles only
- Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Passenger vehicles only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	0.00
tblFleetMix	LDA	0.57	0.63
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.19	0.21
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MDV	0.11	0.13
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	456.00
tblVehicleTrips	SU_TR	0.00	456.00
tblVehicleTrips	WD_TR	0.00	456.00

2.0 Emissions Summary

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					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0609	0.0000	0.0000	0.0609	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0609	0.0000	0.0000	0.0609	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0609	0.0000	0.0000	0.0609	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0609	0.0000	0.0000	0.0609	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.4256	0.8063	7.6946	0.0309	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,085.6186	3,085.6186	0.0521		3,086.9212
Total	0.4256	0.8063	7.6947	0.0309	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,085.6188	3,085.6188	0.0521	0.0000	3,086.9214

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.4256	0.8063	7.6946	0.0309	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,085.6186	3,085.6186	0.0521		3,086.9212
Total	0.4256	0.8063	7.6947	0.0309	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,085.6188	3,085.6188	0.0521	0.0000	3,086.9214

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	4/1/2024	3/31/2024	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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
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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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.4256	0.8063	7.6946	0.0309	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,085.6186	3,085.6186	0.0521		3,086.9212
Unmitigated	0.4256	0.8063	7.6946	0.0309	3.9420	0.0205	3.9625	1.0450	0.0189	1.0639		3,085.6186	3,085.6186	0.0521		3,086.9212

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	456.00	456.00	456.00	1,888,732	1,888,732
Total	456.00	456.00	456.00	1,888,732	1,888,732

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %
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Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.625858	0.038603	0.206058	0.129481	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

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					
User Defined Commercial	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

Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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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	lb/day										lb/day					
User Defined Commercial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 TRUCKS ONLY - San Joaquin County, Annual

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 TRUCKS ONLY
San Joaquin County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Trucks only
- Construction Phase -
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Grading -
- Vehicle Trips - Trucks only - adjusted trip lengths to match collective model, 100% primary
- Consumer Products - Vehicles only
- Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	0.00	215.00

2.0 Emissions Summary

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					
2024	9.0000e-005	6.1000e-004	9.1000e-004	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	3.0000e-005	3.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1278
Maximum	9.0000e-005	6.1000e-004	9.1000e-004	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	3.0000e-005	3.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1278

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					
2024	9.0000e-005	6.1000e-004	9.1000e-004	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	3.0000e-005	3.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1278
Maximum	9.0000e-005	6.1000e-004	9.1000e-004	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	3.0000e-005	3.0000e-005	0.0000	0.1277	0.1277	1.0000e-005	0.0000	0.1278

	ROG	NOx	CO	SO2	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)

	Highest	
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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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.1239	4.7046	0.8403	0.0183	0.3790	6.0500e-003	0.3850	0.1042	5.7900e-003	0.1100	0.0000	1,742.3690	1,742.3690	0.0759	0.0000	1,744.2671
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
Total	0.1239	4.7046	0.8403	0.0183	0.3790	6.0500e-003	0.3850	0.1042	5.7900e-003	0.1100	0.0000	1,742.3690	1,742.3690	0.0759	0.0000	1,744.2671

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	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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	0.1239	4.7046	0.8403	0.0183	0.3790	6.0500e-003	0.3850	0.1042	5.7900e-003	0.1100	0.0000	1,742.3690	1,742.3690	0.0759	0.0000	1,744.2671
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

Total	0.1239	4.7046	0.8403	0.0183	0.3790	6.0500e-003	0.3850	0.1042	5.7900e-003	0.1100	0.0000	1,742.3690	1,742.3690	0.0759	0.0000	1,744.2671
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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	Architectural Coating	Architectural Coating	7/24/2024	7/24/2024	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.1239	4.7046	0.8403	0.0183	0.3790	6.0500e-003	0.3850	0.1042	5.7900e-003	0.1100	0.0000	1,742.3690	1,742.3690	0.0759	0.0000	1,744.2671
Unmitigated	0.1239	4.7046	0.8403	0.0183	0.3790	6.0500e-003	0.3850	0.1042	5.7900e-003	0.1100	0.0000	1,742.3690	1,742.3690	0.0759	0.0000	1,744.2671

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	215.00	215.00	215.00	890,521	890,521
Total	215.00	215.00	215.00	890,521	890,521

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	0.0000
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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
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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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					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	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Total	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

7.0 Water Detail

7.1 Mitigation Measures Water

	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			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
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Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000

Total		0.0000	0.0000	0.0000	0.0000
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Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined	0	0.0000	0.0000	0.0000	0.0000
Industrial					
Total		0.0000	0.0000	0.0000	0.0000

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

Equipment Type	Number
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11.0 Vegetation

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 TRUCKS ONLY - San Joaquin County, Summer

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 TRUCKS ONLY
San Joaquin County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Trucks only
- Construction Phase -
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Grading -
- Vehicle Trips - Trucks only - adjusted trip lengths to match collective model, 100% primary
- Consumer Products - Vehicles only
- Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	0.00	215.00

2.0 Emissions Summary

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					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.6667	25.6745	4.3600	0.1020	2.1387	0.0330	2.1717	0.5862	0.0316	0.6177		10,713.5795	10,713.5795	0.4373		10,724.5114
Total	0.6667	25.6745	4.3601	0.1020	2.1387	0.0330	2.1717	0.5862	0.0316	0.6177		10,713.5798	10,713.5798	0.4373	0.0000	10,724.5116

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.6667	25.6745	4.3600	0.1020	2.1387	0.0330	2.1717	0.5862	0.0316	0.6177		10,713.5795	10,713.5795	0.4373		10,724.5114
Total	0.6667	25.6745	4.3601	0.1020	2.1387	0.0330	2.1717	0.5862	0.0316	0.6177		10,713.5798	10,713.5798	0.4373	0.0000	10,724.5116

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	7/24/2024	7/24/2024	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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
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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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.6667	25.6745	4.3600	0.1020	2.1387	0.0330	2.1717	0.5862	0.0316	0.6177		10,713.57 95	10,713.57 95	0.4373	
Unmitigated	0.6667	25.6745	4.3600	0.1020	2.1387	0.0330	2.1717	0.5862	0.0316	0.6177		10,713.57 95	10,713.57 95	0.4373		10,724.51 14

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	215.00	215.00	215.00	890,521	890,521
Total	215.00	215.00	215.00	890,521	890,521

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %

Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

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					
User Defined Industrial	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

Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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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	lb/day										lb/day					
User Defined Industrial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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

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

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 TRUCKS ONLY - San Joaquin County, Winter

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 TRUCKS ONLY
San Joaquin County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	51
Climate Zone	2			Operational Year	2025
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	641.35	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Trucks only
- Construction Phase -
- Off-road Equipment -
- Off-road Equipment - CalEEMod Note 4
- Trips and VMT -
- Grading -
- Vehicle Trips - Trucks only - adjusted trip lengths to match collective model, 100% primary
- Consumer Products - Vehicles only
- Area Coating -

Energy Use -

Water And Wastewater -

Solid Waste -

Fleet Mix - Trucks only

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-20
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-20
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFleetMix	HHD	0.06	1.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.03	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.2720e-003	0.00
tblFleetMix	MCY	4.8550e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	6.8400e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	1.1840e-003	0.00
tblFleetMix	SBUS	5.9800e-004	0.00
tblFleetMix	UBUS	1.3330e-003	0.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	0.00	215.00
tblVehicleTrips	SU_TR	0.00	215.00
tblVehicleTrips	WD_TR	0.00	215.00

2.0 Emissions Summary

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					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000			2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.6986	25.7388	4.9777	0.0987	2.1387	0.0337	2.1724	0.5862	0.0323	0.6184			10,361.0028	10,361.0028	0.4917		10,373.2947
Total	0.6986	25.7388	4.9778	0.0987	2.1387	0.0337	2.1724	0.5862	0.0323	0.6184			10,361.0030	10,361.0030	0.4917	0.0000	10,373.2949

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000			2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.6986	25.7388	4.9777	0.0987	2.1387	0.0337	2.1724	0.5862	0.0323	0.6184			10,361.0028	10,361.0028	0.4917		10,373.2947
Total	0.6986	25.7388	4.9778	0.0987	2.1387	0.0337	2.1724	0.5862	0.0323	0.6184			10,361.0030	10,361.0030	0.4917	0.0000	10,373.2949

	ROG	NOx	CO	SO2	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	Architectural Coating	Architectural Coating	7/24/2024	7/24/2024	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	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 Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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
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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	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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	0.6986	25.7388	4.9777	0.0987	2.1387	0.0337	2.1724	0.5862	0.0323	0.6184		10,361.00	10,361.00	0.4917		10,373.29
Unmitigated	0.6986	25.7388	4.9777	0.0987	2.1387	0.0337	2.1724	0.5862	0.0323	0.6184		10,361.00	10,361.00	0.4917		10,373.29

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	215.00	215.00	215.00	890,521	890,521
Total	215.00	215.00	215.00	890,521	890,521

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %
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Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	14.70	6.60	6.60	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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

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					
User Defined Industrial	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

Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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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	lb/day										lb/day					
User Defined Industrial	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
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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

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

Tracy Alliance Phase 1 (Tracy Alliance Parcel) Unmitigated Construction Emissions

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - Unmitigated Construction Only - San Joaquin County, Annual
Date: 2/18/2021 4:14 PM

Annual Construction Emissions (tons/year)

	ROG	NO _x	CO	SO _x	PM ₁₀ (Fugitive Dust)	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Fugitive Dust)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
on site	0.02640	0.25720	0.20590	0.00039	0.00660	0.01240	0.01900	0.00100	0.01160	0.01260	34.23
off site	0.00119	0.01610	0.00772	0.00007	0.00299	0.00006	0.00305	0.00080	0.00005	0.00086	6.45
Demolition 2022	0.02759	0.27330	0.21362	0.00046	0.00959	0.01246	0.02205	0.00180	0.01165	0.01346	40.68
on site	0.12680	1.32330	0.78790	0.00152	0.32520	0.06450	0.38970	0.17880	0.05930	0.23810	134.84
off site	0.00215	0.00152	0.01530	0.00005	0.00557	0.00003	0.00561	0.00148	0.00003	0.00151	4.54
Site Preparation 2022	0.12895	1.32482	0.80320	0.00157	0.33077	0.06453	0.39531	0.18028	0.05933	0.23961	139.38
on site	0.32850	3.52020	2.63190	0.00563	0.35370	0.14820	0.50190	0.14670	0.13630	0.28300	498.22
off site	0.01190	0.00847	0.08500	0.00028	0.03100	0.00019	0.03120	0.00823	0.00017	0.00840	25.24
Grading 2022	0.34040	3.52867	2.71690	0.00591	0.38470	0.14839	0.53310	0.15493	0.13647	0.29140	523.46
on site	1.18810	10.86890	11.39650	0.01880	0.00000	0.56320	0.56320	0.00000	0.52990	0.52990	1,623.00
off site	0.28130	1.98520	1.98290	0.01010	0.70090	0.00809	0.70900	0.18890	0.00761	0.19650	936.90
Building Construction 2022	1.46940	12.85410	13.37940	0.02890	0.70090	0.57129	1.27220	0.18890	0.53751	0.72640	2,559.90
2022 On site	1.67	15.97	15.02	0.03	0.69	0.79	1.47	0.33	0.74	1.06	2,290.28
2022 Off site	0.30	2.01	2.09	0.01	0.74	0.01	0.75	0.20	0.01	0.21	973.14
2022 Total	1.97	17.98	17.11	0.04	1.43	0.80	2.22	0.53	0.74	1.27	3,263.42
on site	0.28950	2.64700	2.99090	0.00496	0.00000	0.12880	0.12880	0.00000	0.12120	0.12120	429.20
off site	0.06610	0.41520	0.47150	0.00259	0.18530	0.00128	0.18660	0.04990	0.00120	0.05110	239.97
Building Construction 2023	0.35560	3.06220	3.46240	0.00755	0.18530	0.13008	0.31540	0.04990	0.12240	0.17230	669.17
on site	0.09510	0.71090	1.01730	0.00159	0.00000	0.03560	0.03560	0.00000	0.03270	0.03270	140.82
off site	0.00400	0.00273	0.02790	0.00010	0.01120	0.00007	0.01120	0.00296	0.00006	0.00302	8.75
Paving 2023	0.09910	0.71363	1.04520	0.00169	0.01120	0.03567	0.04680	0.00296	0.03276	0.03572	149.56
on site	13.03240	0.09210	0.12800	0.00021	0.00000	0.00500	0.00500	0.00000	0.00500	0.00500	18.07
off site	0.00973	0.00665	0.06800	0.00024	0.02710	0.00016	0.02730	0.00721	0.00015	0.00736	21.29
Architectural Coating 2023	13.04213	0.09875	0.19600	0.00045	0.02710	0.00516	0.03230	0.00721	0.00515	0.01236	39.36
2023 On site	13.42	3.45	4.14	0.01	0.00	0.17	0.17	0.00	0.16	0.16	588.08
2023 Off site	0.08	0.42	0.57	0.00	0.22	0.00	0.23	0.06	0.00	0.06	270.01
2023 Total	13.50	3.87	4.70	0.01	0.22	0.17	0.39	0.06	0.16	0.22	858.09
Project Phase 1 On site	15.09	19.42	19.16	0.03	0.69	0.96	1.64	0.33	0.90	1.22	2,878.36
Project Phase 1 Off site	0.38	2.44	2.66	0.01	0.96	0.01	0.97	0.26	0.01	0.27	1,243.15
Project Phase 1 Total	15.46	21.86	21.82	0.05	1.65	0.97	2.62	0.59	0.91	1.49	4,121.51

Amortized over 30 years: 137.38

Daily Average Unmitigated On-Site Construction Emissions

Year/Scenario	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Tons per Year						
2023	1.67	15.97	15.02	0.03	1.47	1.06
2024	13.42	3.45	4.14	0.01	0.17	0.16
Total	15.09	19.42	19.16	0.03	1.64	1.22
Pounds per Day						
Total Pounds	30,173.60	38,839.20	38,316.80	66.20	3,286.40	2,445.00
Total Workdays	259	259	259	259	259	259
Total Pounds per Day	116.50	149.96	147.94	0.26	12.69	9.44
Daily Threshold	100	100	100	100	100	100
Exceeds Threshold?	Yes	Yes	Yes	No	No	No

Phase 1 Unmitigated Maximum Daily Construction Emissions

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - Unmitigated Construction Only - San Joaquin County, Summer
CalEEMod Run: Summer. Date: 2/18/2021 4:17 PM

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2022	39.59	351.17	356.39	0.77	38.28	21.48
2023	1,304.28	265.72	305.95	0.67	27.91	15.10
Maximum	1,304.28	351.17	356.39	0.77	45.19	24.35

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - Unmitigated Construction Only - San Joaquin County, Winter
CalEEMod Run: Winter. Date: 2/18/2021 4:23 PM

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2022	39.83	352.17	351.23	0.75	38.28	21.49
2023	1,304.32	266.48	301.06	0.65	27.91	15.10
Maximum	1,304.32	352.17	351.23	0.75	45.20	24.36

Phase 1 Unmitigated Construction - Maximum Daily Emissions

Maximum between Summer and Winter Scenarios

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Maximum	1,304.32	352.17	356.39	0.77	45.20	24.36
Year	2023	2022	2022	2022	2022	2022
Season	Winter	Winter	Summer	Summer	Winter	Winter
SJVAPCD Threshold	100	100	100	100	100	100
Exceeds Threshold?	Yes	Yes	Yes	No	No	No

Tracy Alliance Phase 1 (Tracy Alliance Parcels) Mitigated Construction Emissions

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - MITIGATED Construction Only - San Joaquin County, Annual
Date: 2/18/2021 4:46 PM

Annual Construction Emissions (tons/year)

	ROG	NO _x	CO	SO _x	PM ₁₀ (Fugitive Dust)	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Fugitive Dust)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
on site	0.00000	0.00000	0.00000	0.00039	0.00660	0.00000	0.00660	0.00100	0.00000	0.00100	-
off site	0.00119	0.01610	0.00772	0.00007	0.00299	0.00006	0.00305	0.00080	0.00005	0.00086	6.45
Demolition 2022	0.00119	0.01610	0.00772	0.00046	0.00959	0.00006	0.00965	0.00180	0.00005	0.00186	6.45
on site	0.00000	0.00000	0.00000	0.00152	0.32520	0.00000	0.32520	0.17880	0.00000	0.17880	-
off site	0.00215	0.00152	0.01530	0.00005	0.00557	0.00003	0.00561	0.00148	0.00003	0.00151	4.54
Site Preparation 2022	0.00215	0.00152	0.01530	0.00157	0.33077	0.00003	0.33081	0.18028	0.00003	0.18031	4.54
on site	0.03380	0.14640	1.23890	0.00563	0.35370	0.00451	0.35820	0.14670	0.00451	0.15120	243.71
off site	0.01190	0.00847	0.08500	0.00028	0.03100	0.00019	0.03120	0.00823	0.00017	0.00840	25.24
Grading 2022	0.04570	0.15487	1.32390	0.00591	0.38470	0.00470	0.38940	0.15493	0.00468	0.15960	268.95
on site	0.19320	1.02140	1.18400	0.01420	0.00000	0.04460	0.04460	0.00000	0.00000	0.04460	131.80
off site	0.28130	1.98520	1.98290	0.01010	0.70900	0.00809	0.70900	0.18890	0.00761	0.19650	936.90
Building Construction 2022	0.47450	3.00660	3.16690	0.02430	0.70090	0.05269	0.75360	0.18890	0.05221	0.24110	1,068.71
2022 On site	0.23	1.17	2.42	0.02	0.69	0.05	0.73	0.33	0.05	0.38	375.51
2022 Off site	0.30	2.01	2.09	0.01	0.74	0.01	0.75	0.20	0.01	0.21	973.14
2022 Total	0.52	3.18	4.51	0.03	1.43	0.06	1.48	0.53	0.06	0.58	1348.65
on site	0.04700	0.26220	0.30970	0.00375	0.00000	0.01020	0.01020	0.00000	0.01020	0.01020	34.84
off site	0.06610	0.41520	0.47150	0.00259	0.18530	0.00128	0.18660	0.04990	0.00120	0.05110	239.97
Building Construction 2023	0.11310	0.67740	0.78120	0.00634	0.18530	0.01148	0.19680	0.04990	0.01140	0.06130	274.81
on site	0.02310	0.00000	0.00000	0.00159	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	-
off site	0.00400	0.00273	0.02790	0.00010	0.01120	0.00007	0.01120	0.00296	0.00006	0.00302	8.75
Paving 2023	0.02710	0.00273	0.02790	0.00169	0.01120	0.00007	0.01120	0.00296	0.00006	0.00302	8.75
on site	0.86790	0.00000	0.00000	0.00021	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	-
off site	0.00973	0.00665	0.06800	0.00024	0.02710	0.00016	0.02730	0.00721	0.00015	0.00736	21.29
Architectural Coating 2023	0.87763	0.00665	0.06800	0.00045	0.02710	0.00016	0.02730	0.00721	0.00015	0.00736	21.29
2023 On site	0.94	0.26	0.31	0.01	0.00	0.01	0.01	0.00	0.01	0.01	34.84
2023 Off site	0.08	0.42	0.57	0.00	0.22	0.00	0.23	0.06	0.00	0.06	270.01
2023 Total	1.02	0.69	0.88	0.01	0.22	0.01	0.24	0.06	0.01	0.07	304.84
Project Phase 1 On site	1.17	1.43	2.73	0.03	0.69	0.06	0.74	0.33	0.06	0.39	410.35
Project Phase 1 Off site	0.38	2.44	2.66	0.01	0.96	0.01	0.97	0.26	0.01	0.27	1243.15
Project Phase 1 Total	1.54	3.87	5.39	0.04	1.65	0.07	1.72	0.59	0.07	0.65	1653.50

Amortized over 30 years: 55.12

Daily Average Unmitigated On-Site Construction Emissions

Year/Scenario	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Tons per Year						
2023	0.23	1.17	2.42	0.02	0.73	0.38
2024	0.94	0.26	0.31	0.01	0.01	0.01
Total	1.17	1.43	2.73	0.03	0.74	0.39
Pounds per Day						
Total Pounds	2,330.00	2,860.00	5,465.20	54.58	1,489.60	771.60
Total Workdays	259	259	259	259	259	259
Total Pounds per Day	9.00	11.04	21.10	0.21	5.75	2.98
Daily Threshold	100	100	100	100	100	100
Exceeds Threshold?	No	No	No	No	No	No

Phase 1 Mitigated Maximum Daily Construction Emissions

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - MITIGATED Construction Only - San Joaquin County, Summer
CalEEMod Run: Summer. Date: 2/18/2021 4:47 PM

Construction Year	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2022	12.00	70.81	99.34	0.67	24.06	8.22
2023	87.83	58.35	72.80	0.56	17.60	5.45
Maximum	87.83	70.81	99.34	0.67	24.06	8.22

Tracy Alliance Phase 1 (Tracy Alliance Parcels) - MITIGATED Construction Only (MMs AIR-1, 1.A, 2, 2.A - San Joaquin County, Winter
CalEEMod Run: Winter. Date: 2/18/2021 4:47 PM

Construction Year	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2022	12.25	71.81	94.17	0.65	24.06	8.22
2023	87.87	59.11	67.91	0.55	17.60	5.45
Maximum	87.87	71.81	94.17	0.65	24.06	8.22

Phase 1 Mitigated Construction - Maximum Daily Emissions

Maximum between Summer and Winter Scenarios

Construction Year	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Maximum	87.87	71.81	99.34	0.67	24.06	8.22
Year	2023	2022	2022	2022	2022	2022
Season	Winter	Winter	Summer	Summer	Both	Both
SJVAPCD Threshold	100	100	100	100	100	100
Exceeds Threshold?	No	No	No	No	No	No

Tracy Alliance Phase 1 (Tracy Alliance Parcel) Unmitigated 2023 Operational Emissions

Proposed Project Annual Operational Emissions

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 Operations - San Joaquin County, Annual

Date: 1/28/2021 7:07 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Area	8.58	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0
Energy	0.06	0.58	0.49	0.00	0.04	0.04	0.04	0.04	1,514
Mobile	0.88	19.56	9.76	0.10	0.04	4.22	0.04	1.16	9,115
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	874
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	802
Total	9.52	20.14	10.28	0.10	0.08	4.27	0.08	1.21	12,305

Existing Site Annual Operational Emissions

Tracy Alliance - Existing 2023 Operations Only - San Joaquin County, Annual

Date: 1/28/2021 8:36 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Area	0.14	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1
Energy	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	24
Mobile	0.02	0.11	0.20	0.00	0.00	0.07	0.00	0.02	79
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11
Total	0.15	0.12	0.22	0.00	0.00	0.07	0.00	0.02	129

Net Operational Emissions between Existing and Proposed

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Annual Total	9.36	20.02	10.06	0.10	0.08	4.20	0.08	1.19	12,176

Tracy Alliance Phase 2 (Suvik Farms Parcels) Unmitigated 2024 Operational Emissions

Proposed Project Annual Operational Emissions

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 Operation Only - San Joaquin County, Annual

Date: 1/28/2021 5:17 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Area	4.72	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0
Energy	0.03	0.31	0.26	0.00	0.02	0.02	0.02	0.02	793
Mobile	0.46	10.52	5.05	0.05	0.02	2.32	0.02	0.64	4,915
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	484
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	446
Total	5.21	10.83	5.32	0.05	0.04	2.34	0.04	0.66	6,638

Tracy Alliance Phase 3 (Zuriakat Parcels) Unmitigated 2025 Operational Emissions

Proposed Project Annual Operational Emissions

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 Operation Only - San Joaquin County, Annual

Date: 1/28/2021 7:45 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Area	2.21	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0
Energy	0.02	0.14	0.12	0.00	0.01	0.01	0.01	0.01	372
Mobile	0.21	4.84	2.25	0.02	0.01	1.08	0.01	0.30	2,268
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	227
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	209
Total	2.43	4.98	2.38	0.02	0.02	1.10	0.02	0.31	3,074

Tracy Alliance Full Buildout Unmitigated 2025 Operational Emissions

Emissions Source	Tons per Year							
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)
Annual Total	17.01	35.83	17.77	0.18	0.15	7.63	0.14	2.16
SJVAPCD Threshold	10	10	100	27	-	15	-	15
Exceeds Threshold?	Yes	Yes	No	No	N/A	No	N/A	No

Tracy Alliance Full Buildout Unmitigated Daily Operational Emissions

Emissions Source	Pounds per Day							
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)
Total Pounds	34,017.54	71,669.68	35,533.38	356.72	294.86	15,260.52	287.12	4,311.92
Annual Days of Operation	365	365	365	365	365	365	365	365
Total Pounds per Day	93.20	196.36	97.35	0.98	0.81	41.81	0.79	11.81
SJVAPCD Threshold	100	100	100	100	-	100	-	100
Exceeds Threshold?	No	Yes	No	No	N/A	No	N/A	No

Share of Operational Emissions

Project Phase	Percent of Total							
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)
Phase 1 (Tracy Alliance Parcel)	55%	56%	57%	56%	56%	55%	56%	55%
Phase 2 (Suvik Farms Parcels)	31%	30%	30%	30%	30%	31%	30%	31%
Phase 3 (Zuriakat Parcels)	14%	14%	13%	14%	14%	14%	14%	14%

Tracy Alliance Phase 1 (Tracy Alliance Parcel) Unmitigated 2023 Mobile Operational Emissions

Proposed Project Annual Unmitigated Mobile Operational Emissions

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 TRUCKS ONLY - San Joaquin County, Annual

Date: 2/5/2021 10:34 AM

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 PASSENGER VEH ONLY - San Joaquin County, Annual

Date: 2/5/2021 10:20 AM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Trucks	0.49	18.92	3.36	0.07	0.02	1.50	0.02	0.43	6,896
Passenger Vehicles	0.38	0.64	6.40	0.02	0.02	2.72	0.01	0.73	2,219
Total	0.88	19.56	9.76	0.10	0.04	4.22	0.04	1.16	9,115

Existing Site Annual Mobile Operational Emissions

Tracy Alliance - Existing 2023 Operations Only - San Joaquin County, Annual

Date: 1/28/2021 8:36 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Mobile	0.02	0.11	0.20	0.00	0.00	0.07	0.00	0.02	79
Total	0.02	0.11	0.20	0.00	0.00	0.07	0.00	0.02	79

Net Mobile Operational Emissions between Existing and Proposed

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Annual Total	0.86	19.45	9.56	0.10	0.04	4.15	0.04	1.14	9,036

Tracy Alliance Phase 2 (Suvik Farms Parcels) Unmitigated 2024 Mobile Operational Emissions

Proposed Project Annual Unmitigated Mobile Operational Emissions

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 PASSENGER VEH ONLY - San Joaquin County, Annual

Date: 2/5/2021 11:29 AM

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 TRUCKS ONLY - San Joaquin County, Annual

Date: 2/5/2021 11:06 AM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Trucks	0.27	10.21	1.82	0.04	0.01	0.82	0.01	0.23	3,754
Passenger Vehicles	0.19	0.31	3.24	0.01	0.01	1.49	0.01	0.40	1,161
Total	0.46	10.52	5.05	0.05	0.02	2.32	0.02	0.64	4,915

Tracy Alliance Phase 3 (Zuriakat Parcels) Unmitigated 2025 Mobile Operational Emissions

Proposed Project Annual Unmitigated Mobile Operational Emissions

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 PASSENGER VEH ONLY - San Joaquin County, Annual

Date: 2/5/2021 1:32 PM

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 TRUCKS ONLY - San Joaquin County, Annual

Date: 2/5/2021 12:01 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Trucks	0.12	4.70	0.84	0.02	0.01	0.39	0.01	0.11	1,744
Passenger Vehicles	0.08	0.13	1.41	0.01	0.00	0.70	0.00	0.19	524
Total	0.21	4.84	2.25	0.02	0.01	1.08	0.01	0.30	2,268

Tracy Alliance Phase 1 (Tracy Alliance Parcel) Mitigated 2023 Operational Emissions (AIR-1c & AIR-1d)

Proposed Project Annual Operational Emissions

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - MITIGATED 2023 Ops (AIR-4)

Date: 2/8/2021 5:23 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO _{2e} (Metric Tons)
Area	1.35	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0
Energy	0.06	0.58	0.49	0.00	0.04	0.04	0.04	0.04	1,514
Mobile*	0.88	2.53	9.76	0.10	0.04	4.22	0.04	1.16	9,115
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	874
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	802
Total	2.29	3.11	10.28	0.10	0.08	4.27	0.08	1.21	12,305

* Note: Mobile emissions shown here incorporate the implementation of Mitigation Measure AIR-1d which stipulates the use of a HDD truck fleet that meets or exceeds the 2013 Optional Low-NOx Standard of 0.02 gram of NOx per brakehorsepower-hour, which represents a 90 percent reduction in NOx emissions from the current heavy-duty truck NOx standard of 0.2 gram of NOx per brakehorsepower-hour. To demonstrate implementation of MM AIR-1d, unmitigated mobile NOx emissions were reduced by 90 percent. Due to the lack of available information related to reductions in the other criteria pollutants resulting from the application of MM AIR-1d, the mobile emission estimates shown above only reflect reductions to NOx resulting from MM AIR-1d.

Existing Site Annual Operational Emissions

Tracy Alliance - Existing 2023 Operations Only - San Joaquin County, Annual

Date: 1/28/2021 8:36 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO _{2e} (Metric Tons)
Area	0.14	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1
Energy	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	24
Mobile	0.02	0.11	0.20	0.00	0.00	0.07	0.00	0.02	79
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11
Total	0.15	0.12	0.22	0.00	0.00	0.07	0.00	0.02	129

Net Operational Emissions between Existing and Proposed

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO _{2e} (Metric Tons)
Annual Total	2.14	2.99	10.06	0.10	0.08	4.20	0.08	1.19	12,176

Tracy Alliance Phase 2 (Suvik Farms Parcels) Mitigated 2024 Operational Emissions (AIR-1d)

Proposed Project Annual Operational Emissions

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 Operation Only - San Joaquin County, Annual

Date: 1/28/2021 5:17 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO _{2e} (Metric Tons)
Area	4.72	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0
Energy	0.03	0.31	0.26	0.00	0.02	0.02	0.02	0.02	793
Mobile*	0.46	1.33	5.05	0.05	0.02	2.32	0.02	0.64	4,915
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	484
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	446
Total	5.21	1.64	5.32	0.05	0.04	2.34	0.04	0.66	6,638

* Note: Mobile emissions shown here incorporate the implementation of Mitigation Measure AIR-1d which stipulates the use of a HHD truck fleet that meets or exceeds the 2013 Optional Low-NOx Standard of 0.02 gram of NOx per brakehorsepower-hour, which represents a 90 percent reduction in NOx emissions from the current heavy-duty truck NOx standard of 0.2 gram of NOx per brakehorsepower-hour. To demonstrate implementation of MM AIR-1d, unmitigated mobile NOx emissions were reduced by 90 percent. Due to the lack of available information related to reductions in the other criteria pollutants resulting from the application of MM AIR-1d, the mobile emission estimates shown above only reflect reductions to NOx resulting from MM AIR-1d.

Tracy Alliance Phase 3 (Zuriakat Parcels) Mitigated 2025 Operational Emissions (AIR-1d)

Existing Site Annual Operational Emissions

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 Operation Only - San Joaquin County, Annual

Date: 1/28/2021 7:45 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO _{2e} (Metric Tons)
Area	2.21	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0
Energy	0.02	0.14	0.12	0.00	0.01	0.01	0.01	0.01	372
Mobile*	0.21	0.60	2.25	0.02	0.01	1.08	0.01	0.30	2,268
Waste	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	227
Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	209
Total	2.43	0.75	2.38	0.02	0.02	1.10	0.02	0.31	3,074

* Note: Mobile emissions shown here incorporate the implementation of Mitigation Measure AIR-1d which stipulates the use of a HHD truck fleet that meets or exceeds the 2013 Optional Low-NOx Standard of 0.02 gram of NOx per brakehorsepower-hour, which represents a 90 percent reduction in NOx emissions from the current heavy-duty truck NOx standard of 0.2 gram of NOx per brakehorsepower-hour. To demonstrate implementation of MM AIR-1d, unmitigated mobile NOx emissions were reduced by 90 percent. Due to the lack of available information related to reductions in the other criteria pollutants resulting from the application of MM AIR-1d, the mobile emission estimates shown above only reflect reductions to NOx resulting from MM AIR-1d.

Tracy Alliance Full Buildout Mitigated 2025 Operational Emissions (AIR-1c & AIR-1d)

Emissions Source	Tons per Year							
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)
Annual Total	9.79	5.38	17.77	0.18	0.15	7.63	0.14	2.16
SJVAPCD Threshold	10	10	100	27	-	15	-	15
Exceeds Threshold?	No	No	No	No	N/A	No	N/A	No

Tracy Alliance Full Buildout Mitigated Daily Operational Emissions

Emissions Source	Pounds per Day							
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)
Total Pounds	19,571.34	10,760.02	35,533.18	356.72	294.86	15,260.52	287.12	4,311.92
Annual Days of Operation	365	365	365	365	365	365	365	365
Total Pounds per Day	53.62	29.48	97.35	0.98	0.81	41.81	0.79	11.81
SJVAPCD Threshold	100	100	100	100	-	100	-	100
Exceeds Threshold?	No	No	No	No	N/A	No	N/A	No

Share of Operational Emissions

Project Phase	Percent of Total							
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)
Phase 1 (Tracy Alliance Parcel)	22%	56%	57%	56%	56%	55%	56%	55%
Phase 2 (Suvik Farms Parcels)	53%	30%	30%	30%	30%	31%	30%	31%
Phase 3 (Zuriakat Parcels)	25%	14%	13%	14%	14%	14%	14%	14%

Tracy Alliance Phase 1 (Tracy Alliance Parcel) Mitigated 2023 Mobile Operational Emissions

Proposed Project Annual Unmitigated Mobile Operational Emissions

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 TRUCKS ONLY - San Joaquin County, Annual

Date: 2/5/2021 10:34 AM

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 PASSENGER VEH ONLY - San Joaquin County, Annual

Date: 2/5/2021 10:20 AM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Trucks	0.49	1.89	3.36	0.07	0.02	1.50	0.02	0.43	6,896
Passenger Vehicles	0.38	0.64	6.40	0.02	0.02	2.72	0.01	0.73	2,219
Total	0.88	2.53	9.76	0.10	0.04	4.22	0.04	1.16	9,115

* Note: Mobile emissions shown here incorporate the implementation of Mitigation Measure AIR-1d which stipulates the use of a HHD truck fleet that meets or exceeds the 2013 Optional Low-NOx Standard of 0.02 gram of NOx per brakehorsepower-hour, which represents a 90 percent reduction in NOx emissions from the current heavy-duty truck NOx standard of 0.2 gram of NOx per brakehorsepower-hour. To demonstrate implementation of MM AIR-1d, unmitigated mobile NOx emissions were reduced by 90 percent. Due to the lack of available information related to reductions in the other criteria pollutants resulting from the application of MM AIR-1d, the mobile emission estimates shown above only reflect reductions to NOx resulting from MM AIR-1d.

Existing Site Annual Mobile Operational Emissions

Tracy Alliance - Existing 2023 Operations Only - San Joaquin County, Annual

Date: 1/28/2021 8:36 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Mobile	0.02	0.11	0.20	0.00	0.00	0.07	0.00	0.02	79
Total	0.02	0.11	0.20	0.00	0.00	0.07	0.00	0.02	79

Net Mobile Operational Emissions between Existing and Proposed

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Annual Total	0.86	2.42	9.56	0.10	0.04	4.15	0.04	1.14	9,036

Tracy Alliance Phase 2 (Suvik Farms Parcels) Mitigated 2024 Mobile Operational Emissions

Proposed Project Annual Unmitigated Mobile Operational Emissions

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 PASSENGER VEH ONLY - San Joaquin County, Annual

Date: 2/5/2021 11:29 AM

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2024 TRUCKS ONLY - San Joaquin County, Annual

Date: 2/5/2021 11:06 AM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Trucks	0.27	1.02	1.82	0.04	0.01	0.82	0.01	0.23	3,754
Passenger Vehicles	0.19	0.31	3.24	0.01	0.01	1.49	0.01	0.40	1,161
Total	0.46	1.33	5.05	0.05	0.02	2.32	0.02	0.64	4,915

* Note: Mobile emissions shown here incorporate the implementation of Mitigation Measure AIR-1d which stipulates the use of a HHD truck fleet that meets or exceeds the 2013 Optional Low-NOx Standard of 0.02 gram of NOx per brakehorsepower-hour, which represents a 90 percent reduction in NOx emissions from the current heavy-duty truck NOx standard of 0.2 gram of NOx per brakehorsepower-hour. To demonstrate implementation of MM AIR-1d, unmitigated mobile NOx emissions were reduced by 90 percent. Due to the lack of available information related to reductions in the other criteria pollutants resulting from the application of MM AIR-1d, the mobile emission estimates shown above only reflect reductions to NOx resulting from MM AIR-1d.

Tracy Alliance Phase 3 (Zuriakat Parcels) Mitigated 2025 Mobile Operational Emissions

Proposed Project Annual Unmitigated Mobile Operational Emissions

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 PASSENGER VEH ONLY - San Joaquin County, Annual

Date: 2/5/2021 1:32 PM

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2025 TRUCKS ONLY - San Joaquin County, Annual

Date: 2/5/2021 12:01 PM

Emissions Source	Tons per Year								
	ROG	NO _x	CO	SO _x	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Trucks	0.12	0.47	0.84	0.02	0.01	0.39	0.01	0.11	1,744
Passenger Vehicles	0.08	0.13	1.41	0.01	0.00	0.70	0.00	0.19	524
Total	0.21	0.60	2.25	0.02	0.01	1.08	0.01	0.30	2,268

* Note: Mobile emissions shown here incorporate the implementation of Mitigation Measure AIR-1d which stipulates the use of a HHD truck fleet that meets or exceeds the 2013 Optional Low-NOx Standard of 0.02 gram of NOx per brakehorsepower-hour, which represents a 90 percent reduction in NOx emissions from the current heavy-duty truck NOx standard of 0.2 gram of NOx per brakehorsepower-hour. To demonstrate implementation of MM AIR-1d, unmitigated mobile NOx emissions were reduced by 90 percent. Due to the lack of available information related to reductions in the other criteria pollutants resulting from the application of MM AIR-1d, the mobile emission estimates shown above only reflect reductions to NOx resulting from MM AIR-1d.

Tracy Alliance Operational Emissions Summary (Year 2030)

Phase 1 (Tracy Alliance Parcel) Unmitigated 2030 Operation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2030 Operations - San Joaquin County, Annual
Date: 1/28/2021 7:15 PM

Emissions Source	Tons per Year						
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Area	8.5778	0.0003	0.0330	0.0000	0.0001	0.0001	0
Energy	0.0641	0.5829	0.4896	0.0035	0.0443	0.0443	1,407
Mobile	0.6881	17.5450	7.1911	0.0881	4.2146	1.1558	8,313
Waste	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	874
Water	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	774
Total	9.3300	18.1282	7.7137	0.0916	4.2590	1.2002	11,368

Phase 2 (Suvik Farms Parcels) Unmitigated 2030 Operation

Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated 2030 Operation Only - San Joaquin County, Annual
Date: 1/28/2021 7:26 PM

Emissions Source	Tons per Year						
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Area	4.7202	0.0001	0.0121	0.0000	0.0000	0.0000	0
Energy	0.0337	0.3066	0.2575	0.0018	0.0233	0.0233	737
Mobile	0.3777	9.6328	3.9470	0.0484	2.3131	0.6344	4,564
Waste	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	484
Water	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	431
Total	5.1316	9.9395	4.2166	0.0502	2.3364	0.6577	6,216

Phase 3 (Zuriakat Parcels) Unmitigated 2030 Operation

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated 2030 Operation Only - San Joaquin County, Annual
Date: 1/28/2021 7:50 PM

Emissions Source	Tons per Year						
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
Area	2.2098	0.0001	0.0058	0.0000	0.0000	0.0000	0
Energy	0.0158	0.1435	0.1206	0.0009	0.0109	0.0109	345
Mobile	0.1546	4.1388	1.4987	0.0181	0.8186	0.2246	1,713
Waste	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	227
Water	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	202
Total	2.3802	4.2824	1.6251	0.0190	0.8295	0.2355	2,486

Tracy Alliance Phase 1 (Tracy Alliance Parcel) Business As Usual (BAU) Emissions and Percent Reduction in 2023 and 2030

BAU Operation

Tracy Alliance Phase 1 (Tracy Alliance Parcel) - BAU 2005 Operations - San Joaquin County, Annual
Date: 1/28/2021 5:29 PM

Emissions Source	Metric Tons per Year CO ₂ e		
	BAU	2023 (with Regulation and Design Features)	2023 (with off model reductions)
Area	0	-1	-1
Energy	3,968	1,490	1,043
Mobile	10,844	9,036	8,132
Waste	874	861	861
Water	1,255	790	790
Total	16,942	12,176	10,825
<i>Ammortized Construction Emissions</i>	137	137	137
Total	17,080	12,313	10,962
Reduction from BAU		4,767	6,117
Percent reduction (%)		27.9	49.7
Significance Threshold (%)		29	29
Are emissions significant?		Yes	No

<--30% Title 24 reduction
<--10% LCFS reduction

Metric Tons per Year CO ₂ e	
2030 (with Regulation and Design Features)	2030 (with off model reductions)
0	0
1,407	985
8,313	6,817
874	874
774	774
11,368	9,450
137	137
11,506	9,587
5,574	7,492
32.6	43.9
29	29
No	No

<--30% Title 24 reduction
<--18% LCFS reduction

Tracy Alliance Phase 2 (Suvik Farms Parcels) Business As Usual (BAU) Emissions and Percent Reduction in 2024 and 2030

BAU Operation

Tracy Alliance Phase 2 (Suvik Farms Parcel) - BAU 2005 Operation Only - San Joaquin County, Annual
Date: 1/28/2021 7:34 PM

Emissions Source	Metric Tons per Year CO ₂ e		
	BAU	2024 (with Regulation and Design Features)	2024 (with off model reductions)
Area	0	0	0
Energy	2,036	793	555
Mobile	5,953	4,915	4,424
Waste	484	484	484
Water	696	446	446
Total	9,169	6,638	5,909
<i>Ammortized Construction Emissions</i>	55	55	55
Total	9,224	6,694	5,964
Reduction from BAU		2,531	3,260
Percent reduction (%)		27.4	48.7
Significance Threshold (%)		29	29
Are emissions significant?		Yes	No

<--30% Title 24 reduction
<--10% LCFS reduction

Metric Tons per Year CO ₂ e	
2030 (with Regulation and Design Features)	2030 (with off model reductions)
0	0
737	516
4,564	3,742
484	484
431	431
6,216	5,173
55	55
6,271	5,228
2,953	3,996
32.0	43.3
29	29
No	No

<--30% Title 24 reduction
<--18% LCFS reduction

Tracy Alliance Phase 3 (Zuriakat Parcel) Business As Usual (BAU) Emissions and Percent Reduction in 2025 and 2030

BAU Operation

Tracy Alliance Phase 3 (Zuriakat Parcel) - BAU 2005 Operation Only - San Joaquin County, Annual
Date: 1/28/2021 7:59 PM

Emissions Source	Metric Tons per Year CO ₂ e		
	BAU	2025 (with Regulation and Design Features)	2025 (with off model reductions)
Area	0	0	0
Energy	954	372	260
Mobile	2,206	2,268	2,041
Waste	227	227	227
Water	326	209	209
Total	3,712	3,074	2,736
<i>Ammortized Construction Emissions</i>	10	10	10
Total	3,722	3,084	2,746
Reduction from BAU		638	976
Percent reduction (%)		17.1	31.6
Significance Threshold (%)		29	29
Are emissions significant?		Yes	No

<--30% Title 24 reduction
<--10% LCFS reduction

Metric Tons per Year CO ₂ e	
2030 (with Regulation and Design Features)	2030 (with off model reductions)
0	0
345	242
1,713	1,404
227	227
202	202
2,486	2,074
10	10
2,496	2,084
1,226	1,638
32.9	44.0
29	29
No	No

<--30% Title 24 reduction
<--18% LCFS reduction

Tracy Alliance Phase 2 (Suvik Farms Parcel) Unmitigated Construction Emissions

Tracy Alliance Phase 2 (Suvik Farms Parcels) - Unmitigated Construction Only - San Joaquin County, Annual
Date: 2/18/2021 4:31 PM

Annual Construction Emissions (tons/year)

	ROG	NO _x	CO	SO _x	PM ₁₀ (Fugitive Dust)	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Fugitive Dust)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
on site	0.02660	0.27520	0.18240	0.00038	0.08130	0.01270	0.09400	0.04470	0.01170	0.05630	33.72
off site	0.00200	0.00137	0.01400	0.00005	0.00557	0.00003	0.00561	0.00148	0.00003	0.00151	4.37
Site Preparation 2023	0.02860	0.27657	0.19640	0.00043	0.08687	0.01273	0.09961	0.04618	0.01173	0.05781	38.10
on site	0.11740	1.21990	0.99140	0.00219	0.13800	0.05040	0.18830	0.05720	0.04630	0.10350	194.31
off site	0.00644	0.00440	0.04500	0.00016	0.01800	0.00011	0.01810	0.00477	0.00010	0.00487	14.09
Grading 2023	0.12384	1.22430	1.03640	0.00235	0.15600	0.05051	0.20640	0.06197	0.04640	0.10837	208.40
on site	0.45540	4.16390	4.70340	0.00780	0.00000	0.20260	0.20260	0.00000	0.19060	0.19060	675.02
off site	0.10750	0.67340	0.76660	0.00421	0.30130	0.00209	0.30340	0.08120	0.00195	0.08310	389.73
Building Construction 2023	0.56290	4.83730	5.47000	0.01201	0.30130	0.20469	0.50600	0.08120	0.19255	0.27370	1,064.75
2023 On site	0.60	5.66	5.88	0.01	0.22	0.27	0.48	0.10	0.25	0.35	903.04
2023 Off site	0.12	0.68	0.83	0.00	0.32	0.00	0.33	0.09	0.00	0.09	408.20
2023 Total	0.72	6.34	6.70	0.01	0.54	0.27	0.81	0.19	0.25	0.44	1311.24
on site	0.11890	1.08600	1.30630	0.00218	0.00000	0.04960	0.04960	0.00000	0.04660	0.04660	188.41
off site	0.02820	0.18470	0.19810	0.00115	0.08410	0.00057	0.08470	0.02270	0.00053	0.02320	105.96
Building Construction 2024	0.14710	1.27070	1.50440	0.00333	0.08410	0.05017	0.13430	0.02270	0.04713	0.06980	294.37
on site	0.02300	0.19050	0.29250	0.00046	0.00000	0.00937	0.00937	0.00000	0.00862	0.00862	40.38
off site	0.00125	0.00082	0.00859	0.00003	0.00372	0.00002	0.00374	0.00099	0.00002	0.00101	2.79
Paving 2024	0.02425	0.19132	0.30109	0.00049	0.00372	0.00939	0.01311	0.00099	0.00864	0.00963	43.17
on site	7.14360	0.02440	0.03620	0.00006	0.00000	0.00122	0.00122	0.00000	0.00122	0.00122	5.11
off site	0.00395	0.00259	0.02720	0.00010	0.01180	0.00007	0.01180	0.00313	0.00006	0.00319	8.84
Architectural Coating 2024	7.14755	0.02699	0.06340	0.00016	0.01180	0.00129	0.01302	0.00313	0.00128	0.00441	13.95
2024 On site	7.29	1.30	1.64	0.00	0.00	0.06	0.06	0.00	0.06	0.06	233.90
2024 Off site	0.03	0.19	0.23	0.00	0.10	0.00	0.10	0.03	0.00	0.03	117.59
2024 Total	7.32	1.49	1.87	0.00	0.10	0.06	0.16	0.03	0.06	0.08	351.49
Project Phase 2 On site	7.88	6.96	7.51	0.01	0.22	0.33	0.55	0.10	0.31	0.41	1136.94
Project Phase 2 Off site	0.15	0.87	1.06	0.01	0.42	0.00	0.43	0.11	0.00	0.12	525.79
Project Phase 2 Total	8.03	7.83	8.57	0.02	0.64	0.33	0.97	0.22	0.31	0.52	1662.73

Amortized over 30 years: 55.42

Daily Average Unmitigated On-Site Construction Emissions

Year/Scenario	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Tons per Year						
2023	0.60	5.66	5.88	0.01	0.48	0.35
2024	7.29	1.30	1.64	0.00	0.06	0.06
Total	7.88	6.96	7.51	0.01	0.55	0.41
Pounds per Day						
Total Pounds	15,769.80	13,919.80	15,024.40	26.14	1,090.18	813.68
Total Workdays	258	258	258	258	258	258
Total Pounds per Day	61.12	53.95	58.23	0.10	4.23	3.15
Daily Threshold	100	100	100	100	100	100
Exceeds Threshold?	No	No	No	No	No	No

Phase 2 Unmitigated Maximum Daily Construction Emissions

Tracy Alliance Phase 2 (Suvik Farms Parcels) - Unmitigated Construction Only - San Joaquin County, Summer
CalEEMod Run: Summer. Date: 2/18/2021 4:32 PM

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2023	14.95	129.13	143.72	0.32	14.83	7.92
2024	714.79	105.67	127.35	0.28	11.40	5.87
Maximum	714.79	129.13	143.72	0.32	17.16	8.88

Tracy Alliance Phase 2 (Suvik Farms Parcels) - Unmitigated Construction Only - San Joaquin County, Winter
CalEEMod Run: Winter. Date: 2/18/2021 4:33 PM

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2023	15.04	129.47	141.48	0.31	14.83	7.92
2024	714.80	105.96	125.35	0.27	11.40	5.87
Maximum	714.80	129.47	141.48	0.31	17.16	8.88

Phase 2 Unmitigated Construction - Maximum Daily Emissions

Maximum between Summer and Winter Scenarios

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Maximum	714.80	129.47	143.72	0.32	17.16	8.88
Year	2024	2023	2023	2023	2023	2023
Season	Winter	Winter	Summer	Summer	Both	Both
SJVAPCD Threshold	100	100	100	100	100	100
Exceeds Threshold?	Yes	Yes	Yes	No	No	No

Tracy Alliance Phase 2 (Suvik Farms Parcels) Mitigated Construction Emissions

Tracy Alliance Phase 2 (Suvik Farms Parcels) - MITIGATED Construction Only - San Joaquin County, Annual
Date: 2/18/2021 4:51 PM

Annual Construction Emissions (tons/year)

	ROG	NO _x	CO	SO _x	PM ₁₀ (Fugitive Dust)	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Fugitive Dust)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
on site	0.00000	0.00000	0.00000	0.00038	0.08130	0.00000	0.08130	0.04470	0.00000	0.04470	-
off site	0.00200	0.00137	0.01400	0.00005	0.00557	0.00003	0.00561	0.00148	0.00003	0.00151	4.37
Site Preparation 2023	0.00200	0.00137	0.01400	0.00043	0.08687	0.00003	0.08691	0.04618	0.00003	0.04621	4.37
on site	0.01320	0.05710	0.48320	0.00219	0.13800	0.00176	0.13970	0.05720	0.00176	0.05900	95.04
off site	0.00644	0.00440	0.04500	0.00016	0.01800	0.00011	0.01810	0.00477	0.00010	0.00487	14.09
Grading 2023	0.01964	0.06150	0.52820	0.00235	0.15600	0.00187	0.15780	0.06197	0.00186	0.06387	109.13
on site	0.01790	0.07760	0.65670	0.00589	0.00000	0.00239	0.00239	0.00000	0.00239	0.00239	129.10
off site	0.10750	0.67340	0.76660	0.00421	0.30130	0.00209	0.30340	0.08120	0.00195	0.08310	389.73
Building Construction 2023	0.12540	0.75100	1.42330	0.01010	0.30130	0.00448	0.30579	0.08120	0.00434	0.08549	518.84
2023 On site	0.03	0.13	1.14	0.01	0.22	0.00	0.22	0.10	0.00	0.11	224.14
2023 Off site	0.12	0.68	0.83	0.00	0.32	0.00	0.33	0.09	0.00	0.09	408.20
2023 Total	0.15	0.81	1.97	0.01	0.54	0.01	0.55	0.19	0.01	0.20	632.34
on site	0.00500	0.02170	0.18330	0.00164	0.00000	0.00067	0.00067	0.00000	0.00067	0.00067	36.03
off site	0.02820	0.18470	0.19810	0.00115	0.08410	0.00057	0.08470	0.02270	0.00053	0.02320	105.96
Building Construction 2024	0.03320	0.20640	0.38140	0.00279	0.08410	0.00124	0.08537	0.02270	0.00120	0.02387	141.99
on site	0.00325	0.00000	0.00000	0.00046	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	-
off site	0.00125	0.00082	0.00859	0.00003	0.00372	0.00002	0.00374	0.00099	0.00002	0.00101	2.79
Paving 2024	0.00450	0.00082	0.00859	0.00049	0.00372	0.00002	0.00374	0.00099	0.00002	0.00101	2.79
on site	0.47600	0.00000	0.00000	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	-
off site	0.00395	0.00259	0.02720	0.00010	0.01180	0.00007	0.01180	0.00313	0.00006	0.00319	8.84
Architectural Coating 2024	0.47995	0.00259	0.02720	0.00016	0.01180	0.00007	0.01180	0.00313	0.00006	0.00319	8.84
2024 On site	0.48	0.02	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.03
2024 Off site	0.03	0.19	0.23	0.00	0.10	0.00	0.10	0.03	0.00	0.03	117.59
2024 Total	0.52	0.21	0.42	0.00	0.10	0.00	0.10	0.03	0.00	0.03	153.62
Project Phase 2 On site	0.52	0.16	1.32	0.01	0.22	0.00	0.22	0.10	0.00	0.11	260.17
Project Phase 2 Off site	0.15	0.87	1.06	0.01	0.42	0.00	0.43	0.11	0.00	0.12	525.79
Project Phase 2 Total	0.66	1.02	2.38	0.02	0.64	0.01	0.65	0.22	0.01	0.22	785.96

Amortized over 30 years: 26.20

Daily Average Unmitigated On-Site Construction Emissions

Year/Scenario	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Tons per Year						
2023	0.03	0.13	1.14	0.01	0.22	0.11
2024	0.48	0.02	0.18	0.00	0.00	0.00
Total	0.52	0.16	1.32	0.01	0.22	0.11
Pounds per Day						
Total Pounds	1,030.70	312.80	2,646.40	21.24	448.12	213.52
Total Workdays	258	258	258	258	258	258
Total Pounds per Day	3.99	1.21	10.26	0.08	1.74	0.83
Daily Threshold	100	100	100	100	100	100
Exceeds Threshold?	No	No	No	No	No	No

Phase 2 Mitigated Maximum Daily Construction Emissions (AIR-1)

Tracy Alliance Phase 2 (Suvik Farms Parcels) - MITIGATED Construction Only - San Joaquin County, Summer
CalEEMod Run: Summer. Date: 2/18/2021 4:52 PM

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2023	3.33	18.06	42.60	0.27	9.51	2.92
2024	48.02	16.97	33.76	0.24	0.10	2.04
Maximum	48.02	18.06	42.60	0.27	9.51	2.92

Tracy Alliance Phase 2 (Suvik Farms Parcels) - MITIGATED Construction Only - San Joaquin County, Winter
CalEEMod Run: Winter. Date: 2/18/2021 4:52 PM

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2023	3.43	18.41	40.36	0.26	9.51	2.92
2024	48.04	17.27	31.76	0.23	7.32	2.04
Maximum	48.04	18.41	40.36	0.26	9.51	2.92

Phase 2 Mitigated Construction - Maximum Daily Emissions (AIR-1)

Maximum between Summer and Winter Scenarios

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Maximum	48.04	18.41	42.60	0.27	9.51	2.92
Year	2024	2023	2023	2023	2023	2023
Season	Winter	Winter	Summer	Summer	Both	Both
SJVAPCD Threshold	100	100	100	100	100	100
Exceeds Threshold?	No	No	No	No	No	No

Tracy Alliance Phase 3 (Zuriakat Parcel) Unmitigated Construction Emissions

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated Construction Only - San Joaquin County, Annual
 Date: 2/18/2021 4:36 PM

Annual Construction Emissions (tons/year)

	ROG	NO _x	CO	SO _x	PM ₁₀ (Fugitive Dust)	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Fugitive Dust)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
on site	0.01330	0.13590	0.09170	0.00019	0.04070	0.00615	0.04680	0.02230	0.00565	0.02800	16.86
off site	0.00037	0.00023	0.00246	0.00001	0.00100	0.00001	0.00100	0.00026	0.00001	0.00027	0.76
Site Preparation 2024	0.01367	0.13613	0.09416	0.00020	0.04170	0.00616	0.04780	0.02256	0.00566	0.02827	17.62
on site	0.05640	0.56710	0.48770	0.00109	0.06760	0.02340	0.09100	0.02790	0.02150	0.04940	96.52
off site	0.00280	0.00173	0.01860	0.00006	0.00751	0.00005	0.00755	0.00200	0.00004	0.00204	5.70
Grading 2024	0.05920	0.56883	0.50630	0.00115	0.07511	0.02345	0.09855	0.02990	0.02154	0.05144	102.21
on site	0.00494	0.04510	0.05430	0.00009	0.00000	0.00206	0.00206	0.00000	0.00194	0.00194	7.82
off site	0.00086	0.00728	0.00587	0.00004	0.00237	0.00002	0.00239	0.00065	0.00002	0.00066	3.61
Building Construction 2024	0.00580	0.05238	0.06017	0.00013	0.00237	0.00208	0.00445	0.00065	0.00196	0.00260	11.43
2024 On site	0.07	0.75	0.63	0.00	0.11	0.03	0.14	0.05	0.03	0.08	121.20
2024 Off site	0.00	0.01	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	10.06
2024 Total	0.08	0.76	0.66	0.00	0.12	0.03	0.15	0.05	0.03	0.08	131.26
on site	0.05270	0.48100	0.62070	0.00104	0.00000	0.02040	0.02040	0.00000	0.01920	0.01920	89.97
off site	0.00929	0.08260	0.06270	0.00044	0.02730	0.00020	0.02750	0.00741	0.00019	0.00760	40.71
Building Construction 2025	0.06199	0.56360	0.68340	0.00148	0.02730	0.02060	0.04790	0.00741	0.01939	0.02680	130.68
on site	0.01080	0.08580	0.14580	0.00023	0.00000	0.00419	0.00419	0.00000	0.00385	0.00385	20.18
off site	0.00042	0.00025	0.00273	0.00001	0.00119	0.00001	0.00120	0.00032	0.00001	0.00032	0.87
Paving 2025	0.01122	0.08605	0.14853	0.00024	0.00119	0.00420	0.00539	0.00032	0.00386	0.00417	21.05
on site	3.34480	0.01150	0.01810	0.00003	0.00000	0.00052	0.00052	0.00000	0.00052	0.00052	2.56
off site	0.00125	0.00075	0.00818	0.00003	0.00358	0.00002	0.00361	0.00095	0.00002	0.00097	2.61
Architectural Coating 2025	3.34605	0.01225	0.02628	0.00006	0.00358	0.00054	0.00413	0.00095	0.00054	0.00149	5.17
2025 On site	3.41	0.58	0.78	0.00	0.00	0.03	0.03	0.00	0.02	0.02	112.71
2025 Off site	0.01	0.08	0.07	0.00	0.03	0.00	0.03	0.01	0.00	0.01	44.19
2025 Total	3.42	0.66	0.86	0.00	0.03	0.03	0.06	0.01	0.02	0.03	156.90
Project Phase 3 On site	3.48	1.33	1.42	0.00	0.11	0.06	0.16	0.05	0.05	0.10	233.91
Project Phase 3 Off site	0.01	0.09	0.10	0.00	0.04	0.00	0.04	0.01	0.00	0.01	54.25
Project Phase 3 Total	3.50	1.42	1.52	0.00	0.15	0.06	0.21	0.06	0.05	0.11	288.16

Amortized over 30 years: 9.61

Average Daily Unmitigated On-Site Construction Emissions

Year/Scenario	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Tons per Year						
2024	0.07	0.75	0.63	0.00	0.14	0.08
2025	3.41	0.58	0.78	0.00	0.03	0.02
Total	3.48	1.33	1.42	0.00	0.16	0.10
Pounds per Day						
Total Pounds	6,965.88	2,652.80	2,836.60	5.34	329.94	205.82
Total Workdays	260	260	260	260	260	260
Total Pounds per Day	26.79	10.20	10.91	0.02	1.27	0.79
Daily Threshold	100	100	100	100	100	100
Exceeds Threshold?	No	No	No	No	No	No

Phase 3 Unmitigated Maximum Daily Construction Emissions

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated Construction Only - San Joaquin County, Summer
 CalEEMod Run: Summer. Date: 2/18/2021 4:37 PM

Construction Year	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2024	5.86	52.27	60.62	0.13	4.52	2.61
2025	334.61	48.91	59.90	0.13	4.23	2.34
Maximum	334.61	52.27	60.62	0.13	4.52	2.61

Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated Construction Only - San Joaquin County, Winter
 CalEEMod Run: Winter. Date: 2/18/2021 4:38 PM

Construction Year	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2024	5.85	52.39	60.20	0.13	4.52	2.61
2025	334.61	49.02	59.51	0.13	4.23	2.34
Maximum	334.61	52.39	60.20	0.13	4.52	2.61

Phase 3 Unmitigated Construction - Maximum Daily Emissions

Maximum between Summer and Winter Scenarios

Construction Year	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Maximum	334.61	52.39	60.62	0.13	4.52	2.61
Year	2025	2024	2024	Both	2024	2024
Season	Both	Winter	Summer	Both	Both	Both
SJVAPCD Threshold	100	100	100	100	100	100
Exceeds Threshold?	Yes	No	No	No	No	No

Tracy Alliance Phase 3 (Zuriakat Parcel) Mitigated Construction Emissions (AIR-1)

Tracy Alliance Phase 3 (Zuriakat Parcel) - MITIGATED Construction Only (AIR-1) - San Joaquin County, Annual
 Date: 2/18/2021 5:01 PM

Annual Construction Emissions (tons/year)

	ROG	NO _x	CO	SO _x	PM ₁₀ (Fugitive Dust)	PM ₁₀ (Exhaust)	PM ₁₀ (Total)	PM _{2.5} (Fugitive Dust)	PM _{2.5} (Exhaust)	PM _{2.5} (Total)	CO ₂ e (Metric Tons)
on site	0.00000	0.00000	0.00000	0.00019	0.04070	0.00000	0.04070	0.02230	0.00000	0.02230	-
off site	0.00037	0.00023	0.00246	0.00001	0.00100	0.00001	0.00100	0.00026	0.00001	0.00027	0.76
Site Preparation 2024	0.00037	0.00023	0.00246	0.00020	0.04170	0.00001	0.04170	0.02256	0.00001	0.02257	0.76
on site	0.00659	0.02860	0.24160	0.00109	0.06760	0.00088	0.06850	0.02790	0.00088	0.02880	47.49
off site	0.00280	0.00173	0.01860	0.00006	0.00751	0.00005	0.00755	0.00200	0.00004	0.00204	5.70
Grading 2024	0.00939	0.03033	0.26020	0.00115	0.07511	0.00093	0.07605	0.02990	0.00092	0.03084	53.18
on site	0.00021	0.00090	0.00760	0.00007	0.00000	0.00003	0.00003	0.00000	0.00003	0.00003	1.49
off site	0.00086	0.00728	0.00587	0.00004	0.00237	0.00002	0.00239	0.00065	0.00002	0.00066	3.61
Building Construction 2024	0.00107	0.00818	0.01347	0.00011	0.00237	0.00005	0.00242	0.00065	0.00005	0.00069	5.10
2024 On site	0.01	0.03	0.25	0.00	0.11	0.00	0.11	0.05	0.00	0.05	48.98
2024 Off site	0.00	0.01	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	10.06
2024 Total	0.01	0.04	0.28	0.00	0.12	0.00	0.12	0.05	0.00	0.05	59.04
on site	0.00238	0.01030	0.08740	0.00079	0.00000	0.00032	0.00032	0.00000	0.00032	0.00032	17.19
off site	0.00929	0.08260	0.06270	0.00044	0.02730	0.00020	0.02750	0.00741	0.00019	0.00760	40.71
Building Construction 2025	0.01167	0.09290	0.15010	0.00123	0.02730	0.00052	0.02782	0.00741	0.00051	0.00792	57.90
on site	0.00165	0.00000	0.00000	0.00023	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	-
off site	0.00042	0.00025	0.00273	0.00001	0.00119	0.00001	0.00120	0.00032	0.00001	0.00032	0.87
Paving 2025	0.00207	0.00025	0.00273	0.00024	0.00119	0.00001	0.00120	0.00032	0.00001	0.00032	0.87
on site	0.22290	0.00000	0.00000	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	-
off site	0.00125	0.00075	0.00818	0.00003	0.00358	0.00002	0.00361	0.00095	0.00002	0.00097	2.61
Architectural Coating 2025	0.22415	0.00075	0.00818	0.00006	0.00358	0.00002	0.00361	0.00095	0.00002	0.00097	2.61
2025 On site	0.23	0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.19
2025 Off site	0.01	0.08	0.07	0.00	0.03	0.00	0.03	0.01	0.00	0.01	44.19
2025 Total	0.24	0.09	0.16	0.00	0.03	0.00	0.03	0.01	0.00	0.01	61.38
Project Phase 3 On site	0.23	0.04	0.34	0.00	0.11	0.00	0.11	0.05	0.00	0.05	66.17
Project Phase 3 Off site	0.01	0.09	0.10	0.00	0.04	0.00	0.04	0.01	0.00	0.01	54.25
Project Phase 3 Total	0.25	0.13	0.44	0.00	0.15	0.00	0.15	0.06	0.00	0.06	120.42

Amortized over 30 years: 4.01

Average Daily Unmitigated On-Site Construction Emissions

Year/Scenario	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
	Tons per Year					
2024	0.01	0.03	0.25	0.00	0.11	0.05
2025	0.23	0.01	0.09	0.00	0.00	0.00
Total	0.23	0.04	0.34	0.00	0.11	0.05
Pounds per Day						
Total Pounds	467.46	79.60	673.20	4.80	219.10	102.90
Total Workdays	260	260	260	260	260	260
Total Pounds per Day	1.80	0.31	2.59	0.02	0.84	0.40
Daily Threshold	100	100	100	100	100	100
Exceeds Threshold?	No	No	No	No	No	No

Phase 3 Mitigated Maximum Daily Construction Emissions (AIR-1)

Tracy Alliance Phase 3 (Zuriakat Parcel) - MITIGATED Construction Only (AIR-1) - San Joaquin County, Summer
 CalEEMod Run: Summer. Date: 2/18/2021 5:03 PM

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2024	1.13	8.08	13.98	0.11	2.49	0.90
2025	22.43	7.98	13.53	0.11	2.49	0.71
Maximum	22.43	8.08	13.98	0.11	2.49	0.90

Tracy Alliance Phase 3 (Zuriakat Parcel) - MITIGATED Construction Only (AIR-1) - San Joaquin County, Winter
 CalEEMod Run: Winter. Date: 2/18/2021 5:04 PM

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
2024	1.12	8.20	13.56	0.11	2.49	0.90
2025	22.42	8.09	13.14	0.11	2.49	0.71
Maximum	22.42	8.20	13.56	0.11	2.49	0.90

Phase 3 Mitigated Construction - Maximum Daily Emissions (AIR-1)

Maximum between Summer and Winter Scenarios

Construction Year	Pounds per Day					
	ROG	NO _x	CO	SO _x	PM ₁₀ (Total)	PM _{2.5} (Total)
Maximum	22.43	8.20	13.98	0.11	2.49	0.90
Year	2025	2024	2024	Both	2024	2024
Season	Summer	Winter	Summer	Both	Both	Both
SJVAPCD Threshold	100	100	100	100	100	100
Exceeds Threshold?	No	No	No	No	No	No

Tracy Alliance Project Default Construction Schedule Totals

Project Phase 1 (Tracy Alliance Parcel)

Default Construction Model 1 of 4

Construction Activity	Total Workdays
Site Preparation	20
Grading	45
Building Construction	440
Paving	35
Architectural Coating	35

Default Construction Model 2 of 4

Construction Activity	Total Workdays
Site Preparation	20
Grading	45
Building Construction	440
Paving	35
Architectural Coating	35

Default Construction Model 3 of 4

Construction Activity	Total Workdays
Site Preparation	20
Grading	45
Building Construction	440
Paving	35
Architectural Coating	35

Default Construction Model 4 of 4

Construction Activity	Total Workdays
Site Preparation	20
Grading	45
Building Construction	440
Paving	35
Architectural Coating	35

TOTAL CONSTRUCTION WORKDAYS

Construction Activity	Total Workdays
Site Preparation	80
Grading	180
Building Construction	1760
Paving	140
Architectural Coating	140

Project Phase 2 (Suvik Farms Parcel)

Default Construction Model 1 of 2

Construction Activity	Total Workdays
Site Preparation	10
Grading	35
Building Construction	370
Paving	20
Architectural Coating	20

Default Construction Model 2 of 2

Construction Activity	Total Workdays
Site Preparation	10
Grading	35
Building Construction	370
Paving	20
Architectural Coating	20

TOTAL CONSTRUCTION WORKDAYS

Construction Activity	Total Workdays
Site Preparation	20
Grading	70
Building Construction	740
Paving	40
Architectural Coating	40

Tracy Alliance Vehicle Trips & Fleet Mix Adjustments

Phase 1 (Tracy Alliance Parcel)	Daily Trip Rate	Assigned Land Use	Metric
Daily Passenger Vehicle Trips	1,775	443.75 User Defined Commercial	4
Daily Truck Trips	836	836.00 User Defined Industrial	1
Phase 2 (Suvik Farms Parcels)			
Daily Passenger Vehicle Trips	974	974.00 User Defined Commercial	1
Daily Truck Trips	459	459.00 User Defined Industrial	1
Phase 3 (Zuriakat Parcels)			
Daily Passenger Vehicle Trips	456	456.00 User Defined Commercial	1
Daily Truck Trips	215	215.00 User Defined Industrial	1

2023 Operational Fleet Mix - San Joaquin County - CalEEMod Default Fleet Mix Adjustments

Passenger Vehicle Classes	Fleet Mix Proportion	Adjusted Fleet Mix Proportions
LDA	0.561380	0.62585844
LDT1	0.034626	0.03860304
LDT2	0.184829	0.20605791
MDV	0.116141	0.12948061
<i>Total</i>	<i>0.896976</i>	<i>1</i>
Truck Vehicle Classes		
HHD	0.056706	1
<i>Total</i>	<i>0.056706</i>	<i>1</i>
Other Vehicle Classes		
LHD1	0.016642	N/A
LHD2	0.004535	N/A
MHD	0.016185	N/A
OBUS	0.001192	N/A
UBUS	0.001407	N/A
MCY	0.004983	N/A
SBUS	0.000606	N/A
MH	0.000767	N/A
<i>Total</i>	<i>0.046317</i>	<i>N/A</i>

2024 Operational Fleet Mix - San Joaquin County - CalEEMod Default Fleet Mix Adjustments

Passenger Vehicle Classes	Fleet Mix Proportion	Adjusted Fleet Mix Proportions
LDA	0.565659	0.629585892
LDT1	0.034079	0.037930374
LDT2	0.186058	0.207084996
MDV	0.112666	0.125398737
<i>Total</i>	<i>0.898462</i>	<i>1</i>
Truck Vehicle Classes		
HHD	0.056708	1
<i>Total</i>	<i>0.056708</i>	<i>1</i>
Other Vehicle Classes		
LHD1	0.015522	N/A
LHD2	0.004397	N/A
MHD	0.016109	N/A
OBUS	0.001188	N/A
UBUS	0.001371	N/A
MCY	0.004918	N/A
SBUS	0.000602	N/A
MH	0.000722	N/A
<i>Total</i>	<i>0.044829</i>	<i>N/A</i>

2030 Operational Fleet Mix - San Joaquin County - CalEEMod Default Fleet Mix Adjustments

Passenger Vehicle Classes	Fleet Mix Proportion	Adjusted Fleet Mix Proportions
LDA	0.581437	0.642287299
LDT1	0.032303	0.035683671
LDT2	0.190969	0.210954864
MDV	0.100551	0.111074167
<i>Total</i>	<i>0.905260</i>	<i>1</i>
Truck Vehicle Classes		
HHD	0.056216	1
<i>Total</i>	<i>0.056216</i>	<i>1</i>
Other Vehicle Classes		
LHD1	0.011057	N/A
LHD2	0.003880	N/A
MHD	0.015441	N/A

2025 Operational Fleet Mix - San Joaquin County - CalEEMod Default Fleet Mix Adjustments

Passenger Vehicle Classes	Fleet Mix Proportion	Adjusted Fleet Mix Proportions
LDA	0.561380	0.62585844
LDT1	0.034626	0.03860304
LDT2	0.184829	0.20605791
MDV	0.116141	0.12948061
<i>Total</i>	<i>0.896976</i>	<i>1</i>
Truck Vehicle Classes		
HHD	0.056706	1
<i>Total</i>	<i>0.056706</i>	<i>1</i>
Other Vehicle Classes		
LHD1	0.016642	N/A
LHD2	0.004535	N/A
MHD	0.016185	N/A

OBUS	0.001173	N/A
UBUS	0.001204	N/A
MCY	0.004639	N/A
SBUS	0.000578	N/A
MH	0.000551	N/A
<i>Total</i>	<i>0.038523</i>	<i>N/A</i>

OBUS	0.001192	N/A
UBUS	0.001407	N/A
MCY	0.004983	N/A
SBUS	0.000606	N/A
MH	0.000767	N/A
<i>Total</i>	<i>0.046317</i>	<i>N/A</i>

2005 BAU Operational Fleet Mix - San Joaquin County - CalEEMod Default Fleet Mix Adjustments

Passenger Vehicle Classes	Fleet Mix Proportion	Adjusted Fleet Mix Proportions
LDA	0.469017	0.534193403
LDT1	0.066969	0.076275269
LDT2	0.162053	0.184572507
MDV	0.179952	0.204958821
<i>Total</i>	<i>0.877991</i>	<i>1</i>
Truck Vehicle Classes		
HHD	0.047547	1
<i>Total</i>	<i>0.047547</i>	<i>1</i>
Other Vehicle Classes		
LHD1	0.040904	N/A
LHD2	0.005926	N/A
MHD	0.016959	N/A
OBUS	0.000870	N/A
UBUS	0.001968	N/A
MCY	0.005212	N/A
SBUS	0.000584	N/A
MH	0.002038	N/A
<i>Total</i>	<i>0.074461</i>	<i>N/A</i>

Tracy Alliance Phase 1 (Tracy Alliance Parcel) Horsepower Hour Conservation Calculations

	Activity Duration		Difference
	CalEEMod Defaults	Revisions	
Site Preparation	80	50	
Grading	180	125	
Building Construction	1760	110	
Paving	140	20	
Architectural Coating	140	20	
Total Working Days	2300	325	-1975

CalEEMod Defaults						Revisions					
Site Preparation						Site Preparation					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Rubber Tired Dozers	3	8	247	0.40	189,696	Rubber Tired Dozers	3.00	12.8	247	0.40	189,696
Tractors/Loaders/Backhoes	4	8	97	0.37	91,878	Tractors/Loaders/Backhoes	4.00	12.8	97	0.37	91,878
					Total						Total
					281,574						281,574

CalEEMod Defaults						Revisions					
Grading						Grading					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Excavators	2	8	158	0.38	172,915	Excavators	4.00	5.8	158	0.38	172,915
Graders	1	8	187	0.41	110,405	Graders	2.00	5.8	187	0.41	110,405
Rubber Tired Dozers	1	8	247	0.40	142,272	Rubber Tired Dozers	2.00	5.8	247	0.40	142,272
Scrapers	2	8	367	0.48	507,341	Scrapers	4.00	5.8	367	0.48	507,341
Tractors/Loaders/Backhoes	2	8	97	0.37	103,363	Tractors/Loaders/Backhoes	4.00	5.8	97	0.37	103,363
					Total						Total
					1,036,296						1,036,296

CalEEMod Defaults						Revisions					
Building Construction						Building Construction					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Cranes	1	7	231	0.29	825,317	Cranes	12.00	9.3	231	0.29	825,317
Forklifts	3	8	89	0.20	751,872	Forklifts	32.00	12.0	89	0.20	751,872
Generator Sets	1	8	84	0.74	875,213	Generator Sets	12.00	10.7	84	0.74	875,213
Tractors/Loaders/Backhoes	3	7	97	0.37	1,326,494	Tractors/Loaders/Backhoes	32.00	10.5	97	0.37	1,326,494
Welders	1	8	46	0.45	291,456	Welders	12.00	10.7	46	0.45	291,456
					Total						Total
					4,070,352						4,070,352

CalEEMod Defaults						Revisions					
Paving						Paving					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Pavers	2	8	130	0.42	122,304	Pavers	12.0	9.3	130	0.42	122,304
Paving Equipment	2	8	132	0.36	106,445	Paving Equipment	12.0	9.3	132	0.36	106,445
Rollers	2	8	80	0.38	68,096	Rollers	12.0	9.3	80	0.38	68,096
					Total						Total
					296,845						296,845

CalEEMod Defaults						Revisions					
Architectural Coating						Architectural Coating					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Air Compressors	1	6	78	0.48	31,450	Air Compressors	8.0	5.3	78	0.48	31,450
					Total						Total
					31,450						31,450

Tracy Alliance Phase 2 (Suvik Farms Parcel) Horsepower Hour Conservation Calculations

	Activity Duration		Difference
	CalEEMod Defaults	Revisions	
Site Preparation	20	50	
Grading	70	145	
Building Construction	740	110	
Paving	40	20	
Architectural Coating	40	20	
Total Working Days	910	345	-565

CalEEMod Defaults						Revisions					
Site Preparation						Site Preparation					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Rubber Tired Dozers	3	8	247	0.40	47,424	Rubber Tired Dozers	3.00	3.2	247	0.40	47,424
Tractors/Loaders/Backhoes	4	8	97	0.37	22,970	Tractors/Loaders/Backhoes	4.00	3.2	97	0.37	22,970
					Total						Total
					70,394						70,394

CalEEMod Defaults						Revisions					
Grading						Grading					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Excavators	2	8	158	0.38	67,245	Excavators	2.00	3.9	158	0.38	67,245
Graders	1	8	187	0.41	42,935	Graders	1.00	3.9	187	0.41	42,935
Rubber Tired Dozers	1	8	247	0.40	55,328	Rubber Tired Dozers	1.00	3.9	247	0.40	55,328
Scrapers	2	8	367	0.48	197,299	Scrapers	2.00	3.9	367	0.48	197,299
Tractors/Loaders/Backhoes	2	8	97	0.37	40,197	Tractors/Loaders/Backhoes	2.00	3.9	97	0.37	40,197
					Total						Total
					403,004						403,004

CalEEMod Defaults						Revisions					
Building Construction						Building Construction					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Cranes	1	7	231	0.29	347,008	Cranes	5.00	9.4	231	0.29	347,008
Forklifts	3	8	89	0.20	316,128	Forklifts	15.00	10.8	89	0.20	316,128
Generator Sets	1	8	84	0.74	367,987	Generator Sets	5.00	10.8	84	0.74	367,987
Tractors/Loaders/Backhoes	3	7	97	0.37	557,731	Tractors/Loaders/Backhoes	15.00	9.4	97	0.37	557,731
Welders	1	8	46	0.45	122,544	Welders	5.00	10.8	46	0.45	122,544
					Total						Total
					1,711,398						1,711,398

CalEEMod Defaults						Revisions					
Paving						Paving					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Pavers	2	8	130	0.42	34,944	Pavers	4.0	8.0	130	0.42	34,944
Paving Equipment	2	8	132	0.36	30,413	Paving Equipment	4.0	8.0	132	0.36	30,413
Rollers	2	8	80	0.38	19,456	Rollers	4.0	8.0	80	0.38	19,456
					Total						Total
					84,813						84,813

CalEEMod Defaults						Revisions					
Architectural Coating						Architectural Coating					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Air Compressors	1	6	78	0.48	8,986	Air Compressors	2.0	6.0	78	0.48	8,986
					Total						Total
					8,986						8,986

Tracy Alliance Phase 3 (Zuriakat Parcel) Horsepower Hour Conservation Calculations

	Activity Duration		Difference
	CalEEMod Defaults	Revisions	
Site Preparation	10	50	
Grading	35	145	
Building Construction	370	110	
Paving	20	20	
Architectural Coating	20	20	
Total Working Days	455	345	-110

CalEEMod Defaults						Revisions					
Site Preparation						Site Preparation					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Rubber Tired Dozers	3	8	247	0.40	23,712	Rubber Tired Dozers	1.00	4.8	247	0.40	23,712
Tractors/Loaders/Backhoes	4	8	97	0.37	11,485	Tractors/Loaders/Backhoes	1.00	6.4	97	0.37	11,485
					Total						Total
					35,197						35,197

CalEEMod Defaults						Revisions					
Grading						Grading					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Excavators	2	8	158	0.38	33,622	Excavators	1.00	3.9	158	0.38	33,622
Graders	1	8	187	0.41	21,468	Graders	1.00	1.9	187	0.41	21,468
Rubber Tired Dozers	1	8	247	0.40	27,664	Rubber Tired Dozers	1.00	1.9	247	0.40	27,664
Scrapers	2	8	367	0.48	98,650	Scrapers	1.00	3.9	367	0.48	98,650
Tractors/Loaders/Backhoes	2	8	97	0.37	20,098	Tractors/Loaders/Backhoes	1.00	3.9	97	0.37	20,098
					Total						Total
					201,502						201,502

CalEEMod Defaults						Revisions					
Building Construction						Building Construction					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Cranes	1	7	231	0.29	173,504	Cranes	3.00	7.8	231	0.29	173,504
Forklifts	3	8	89	0.20	158,064	Forklifts	9.00	9.0	89	0.20	158,064
Generator Sets	1	8	84	0.74	183,994	Generator Sets	4.00	6.7	84	0.74	183,994
Tractors/Loaders/Backhoes	3	7	97	0.37	278,865	Tractors/Loaders/Backhoes	8.00	8.8	97	0.37	278,865
Welders	1	8	46	0.45	61,272	Welders	4.00	6.7	46	0.45	61,272
					Total						Total
					855,699						855,699

CalEEMod Defaults						Revisions					
Paving						Paving					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Pavers	2	8	130	0.42	17,472	Pavers	2.0	8.0	130	0.42	17,472
Paving Equipment	2	8	132	0.36	15,206	Paving Equipment	2.0	8.0	132	0.36	15,206
Rollers	2	8	80	0.38	9,728	Rollers	2.0	8.0	80	0.38	9,728
					Total						Total
					42,406						42,406

CalEEMod Defaults						Revisions					
Architectural Coating						Architectural Coating					
Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours	Equipment	Amount	Usage Hours	Horsepower	Load Factor	HP Hours
Air Compressors	1	6	78	0.48	4,493	Air Compressors	1.0	6.0	78	0.48	4,493
					Total						Total
					4,493						4,493

Pacific Gas Electric CO₂ Intensity Factor - 2030 Adjustment

Table 1. PG&E's 2017 Electric Power Mix

Power Source	Percent of Total Mix
Eligible Renewable	33%
Natural Gas	20%
Nuclear	27%
Large Hydroelectric	18%
Coal	0%
Other	0%
Unspecified Power	2%
Non-Renewable Total	67%
Total	100%

Table 3. PG&E's 2030 Electric Power Mix¹

Power Source	Percent of Total Mix
Eligible Renewable	60%
Natural Gas	12%
Nuclear	16%
Large Hydroelectric	11%
Coal	0%
Other	0%
Unspecified Power	1%
Non-Renewable Total	40%
Total	100%

Table 2. PG&E's 2017 CO₂ Intensity Factors²

Power Source	Individual Intensity Factors
Eligible Renewable	146
Natural Gas	439
Nuclear	146
Large Hydroelectric	146
Coal	439
Other	439
Unspecified Power	439
<i>Owned Sources %</i>	<i>78%</i>
<i>Not Owned Sources %</i>	<i>22%</i>
Weighted Average	210

Table 4. PG&E's 2030 CO₂ Intensity Factors³

Power Source	Weighted Intensity Factors
Eligible Renewable	146
Natural Gas	439
Nuclear	146
Large Hydroelectric	146
Coal	439
Other	439
Unspecified Power	439
<i>Owned Sources %</i>	<i>87%</i>
<i>Not Owned Sources %</i>	<i>13%</i>
Weighted Average	184

Notes:

¹ Adjustment to 2030 power mix is based on equal proportions of generation sources in 2017. The only factor that has been uniquely adjusted is the change of eligible renewable energy sources total proportion from 33% to 60% to comply with Senate Bill 100's 2030 performance goals.

² PG&E's total CO₂ emission intensity factor of 210 lbs/MWh and CO₂ emission intensity factor specifically for all owned generation sources of 146 lbs/MWh were identified in PG&E's 2018 and 2019 Corporate Responsibility and Sustainability Reports; however, the CO₂ emission intensity factor for non-owned sources is unknown. Therefore, the 2017 CO₂ emission intensity factor for all non-owned generation sources were identified based on the given 210 lbs/MWh and 146 lbs/MWh values and the 2017 power mix using a convex combination equation. PG&E-owned sources are identified in PG&E's Reports as nuclear, hydroelectric, and renewable. Due to the lack of detailed information, all nuclear, hydroelectric, and renewable sources were assumed to be PG&E-owned, having an unweighted average CO₂ intensity factor of the provided 146 lbs/MWh. All remaining generation sources were assumed to not be owned by PG&E with an unweighted average CO₂ intensity factor necessary for the weighted average to total 210 lbs/MWh.

³ PG&E's 2030 CO₂ emission intensity factor is based on equal proportions of renewable and non-renewable generation sources in 2017, as seen in Table 3. The only factor that was uniquely adjusted was the change of eligible renewable energy sources total proportion from 33% to 60% to comply with Senate Bill 100's 2030 performance goals. The CO₂ emission intensity factor is the weighted average using the adjusted renewable generation proportion (see Table 3) and the identified owned source intensity factors for 2017 (see Table 2).

PG&E's CO₂ Emission Intensity Factor (2017)

PG&E's 2019 Corporate Responsibility and Sustainability Report, page 116

Voluntary Emissions Reporting

PG&E's voluntary greenhouse gas emissions reporting showed that PG&E's CO₂ emissions rate was our lowest level on record in 2017, the most recent year for which verified data are available. PG&E's emissions rate of 210 pounds of CO₂ per megawatt-hour of delivered electricity represented a more than 28 percent drop from the prior year's figure of 294. The emissions rate takes into account both PG&E-owned power generation and power purchased from third parties.

In addition, PG&E saw a corresponding reduction in total CO₂ emissions from its electricity sales, falling 2.7 million metric tons in 2017.

From year to year, several factors affect PG&E's power mix and emissions, including the availability of clean hydro power and renewable energy in our energy mix, customer electricity demand, the share of customers in our service area receiving procurement service from PG&E, as well as the availability and flexibility of the power plants in our portfolio.

Benchmarking Greenhouse Gas Emissions for Delivered Electricity (Pounds of CO₂ per MWh)

U.S. Average ¹	998
Pacific Gas and Electric Company ²	
2017	210
2016	294
2015	405
2014	435
2013	427
2012	445
2011	393
2010	445

1. U.S. Environmental Protection Agency eGRID 2017.

2. Because PG&E purchases a portion of its electricity from the wholesale market, we are not able to track some of our delivered electricity back to a specific generator. Therefore, there is some unavoidable uncertainty in PG&E's total emissions and emissions rate for delivered electricity.

PG&E's Renewable Power Mix (2017)

PG&E's 2018 Corporate Responsibility and Sustainability Report, page 47

Measuring Progress

By the end of 2017, 33 percent of the electricity that we delivered to customers came from Renewables Portfolio Standard-eligible resources. The chart below shows our overall electricity supply mix for 2017, which included both the energy that PG&E generated and the energy that PG&E purchased from third parties on behalf of customers.

PG&E's 2017 Electric Power Mix Delivered to Retail Customers

Eligible Renewable (see accompanying breakdown)	33%
Natural Gas	20%
Nuclear	27%
Large Hydroelectric	18%
Coal ¹	0%
Other ²	0%
Unspecified Power ³	2%

1. Refers to PG&E electricity generated under contracts with third parties.

2. Includes diesel oil and petroleum coke (a waste byproduct of oil refining).

3. Refers to electricity from transactions that are not traceable to specific generation sources.

Breakdown: Composition of PG&E's 2017 Total Eligible Renewable Resources¹

Solar	13%
Wind	8%
Geothermal	5%
Biomass and Waste	4%
Eligible Hydroelectric	3%

1. As defined in Senate Bill 1078, which created California's Renewables Portfolio Standard, and Senate Bill 1038, which modified the definition of "in-state renewable electricity generation technology," an eligible renewable resource includes geothermal facilities, hydroelectric facilities with a capacity rating of 30 MW or less, biomass and biogas, selected municipal solid waste facilities, photovoltaic, solar thermal, and wind facilities, ocean thermal, tidal current, and wave energy generation technologies. These figures are preliminary and will not be finalized until verified by the California Energy Commission.

PG&E's Renewable Power Mix (2017)

PG&E's 2018 Corporate Responsibility and Sustainability Report, page 149

PG&E Emissions Reported to the California Air Resources Board: CO₂-e Emissions from Owned Power Generation¹ and Operations

	2015	2016	2017
Total CO₂-e Emissions (metric tons)	2,875,094	2,261,032	2,292,218
Humboldt Bay Generating Station	186,330	171,892	199,338
Gateway Generating Station	1,305,914	963,413	1,111,268
Colusa Generating Station	1,382,850	1,125,772	981,613
CO₂ Emissions Rates (lbs/MWh)			
Humboldt Bay Generating Station	1,010	1,029	1,017
Gateway Generating Station	868	871	881
Colusa Generating Station	853	852	866
Fossil Plants	868	872	940
All Plants ²	208	153	146
Other CO₂-e Emissions (metric tons)			
Natural Gas Compressor Stations ³	362,417	295,851	262,060
Distribution Fugitive Natural Gas Emissions	676,458	605,690	630,249
Customer Natural Gas Use ⁴	43,022,557	38,697,656	38,202,174

1. PG&E's owned generation comprised more than 50 percent of our delivered electricity in 2017.

2. Includes all PG&E-owned generation sources, including nuclear, hydroelectric and renewable energy.

3. Includes, but is not limited to, compressor stations and storage facilities emitting more than 25,000 metric tons of CO₂-e annually.

4. Includes emissions from the combustion of natural gas delivered to all entities on PG&E's distribution system, with the exception of gas delivered to other natural gas local distribution companies. This figure does not represent PG&E's compliance obligation under AB 32, which is equivalent to the above-reported value less the emissions from fuel that is delivered to covered entities, as calculated by CARB.

Tracy Alliance Health Risk Assessment

Air Dispersion Modeling & Cancer Risk Calculation Background

The Tracy Alliance Group, Suvik Farms, LLC, and Zuriakat (co-applicants) are proposing the Tracy Alliance Project (proposed project), which consists of the development of up to 3,352,320 square feet of warehouse development on 191.18 acres comprising six parcels. The proposed project would be developed in three phases. Phase 1 would involve the development of 57,000 square feet of office space, 1,792,500 square feet of industrial warehouse space, and accompanying trailer and auto parking space. Phase 2 would involve the development of an estimated 1,023,660 square feet of industrial warehouse space and accompanying auto parking space. Phase 3 would involve the development of an estimated 479,160 square feet of industrial warehouse space and accompanying auto parking space. Please see Section 2, Project Description, for more information.

Construction diesel particulate matter (DPM) emissions, represented as PM₁₀ exhaust, were estimated using CalEEMod, Version 2016.3.2, as described in the air quality analysis and Appendix B. Construction for Phase 1 would occur from April 2022 through March 2023, construction of Phase 2 would occur from April 2023 through March 2024, and construction of Phase 3 would occur from April 2024 through March 2025. Each project phase would become operational immediately following completion of that phase’s construction. Construction emissions were assumed to be distributed over the project area with a working schedule of 8 hours per day, 7 days per week. Table B-1 summarizes the emission rates of DPM with and without Mitigation Measures AIR-1a and AIR-2b during project construction.

Table B-1: Annual Unmitigated Construction Emissions (Grams per Second)

Construction Scenario	On-Site DPM (as PM ₁₀ Exhaust)	Off-Site DPM ¹ (as PM ₁₀ Exhaust)
Phase 1 (Tracy Alliance Parcels)		
Unmitigated Construction	3.882E-02	4.830E-05
Mitigated Construction	4.030E-03	4.830E-05
Phase 2 (Suvik Farms Parcels)		
Unmitigated Construction	1.321E-02	1.995E-05
Mitigated Construction	1.954E-04	1.995E-05
Phase 3 (Zuriakat Parcel)		
Unmitigated Construction	2.299E-03	2.139E-06
Mitigated Construction	4.986E-05	2.139E-06
Note: ⁽¹⁾ The off-site emissions were estimated over construction vehicle travel routes within two kilometers of the project site, or approximately 6,562 feet; see Appendix B for calculations. Source: Appendix B; CalEEMod Output Files.		

The San Joaquin Valley Air Pollution Control District (SJVAPCD) has developed a set of guidelines¹ that recommends using the American Meteorological Society and Environmental Protection Agency Regulatory Model (AERMOD) air dispersion model to estimate emission concentrations for use in identifying the cancer risk and hazard index associated with sensitive receptor exposure to project construction emissions. The following modeling parameters were employed using AERMOD, Version 19191, to estimate DPM emission concentrations that were used in the associated cancer risk and hazard index calculations.

AERMOD Modeling Parameters

1. Sensitive receptors (e.g., schools, daycare facilities, hospitals, care facilities, residences) within 2 kilometers of the project site were represented in the model with discrete receptors. A cartesian receptor grid was placed over the project with the following spacing parameters:
 - 25 meters spacing on the facility boundary,
 - 25 meters spacing from facility boundary to 100 meters,
 - 50 meters spacing from 100 to 250 meters,
 - 100 meters spacing from 250 to 500 meters,
 - 250 meters spacing from 500 to 1,000 meters, and
 - 500 meters spacing from 1,000 to 2,000 meters.
2. The Rural dispersion coefficient was used as less than 50 percent of the surrounding three kilometers is developed.
3. The UTM coordinates used to initially locate the project site are 10 S, 642,258 meters easting and 4,180,208 meters northing.
4. Construction emissions were represented in the model using one polygon area source and several line area sources. For the DPM emissions occurring on-site during construction activities, a single polygon area source was placed across the entire project site. The polygon area source was adjusted to cover the specific location of each project phase within each model for that project phase. For DPM emissions generated from off-site heavy-duty vehicle operation during project phases 1 and 2, line area sources were placed along Grant Line Road, Highway 205, Paradise Road, and Pescadero Avenue within 2 kilometers of the project site. For DPM emissions generated from off-site heavy-duty vehicle operation during project phase 3, line area sources were placed along Grant Line Road, Highway 205, and California Avenue within 2 kilometers of the project site. Off-site DPM emissions from CalEEMod were adjusted to account only for off-site emissions occurring within 2 kilometers of the project site. See Emission Rates in Appendix B for more information.
5. Operational emissions were represented the model using one polygon area source and several line area sources. For the DPM emissions occurring on-site during operational activities—including on-site vehicle exhaust, a single polygon area source was placed across the entire project site. For DPM emissions generated from off-site vehicle operation during project phase 1, line area sources were placed along Grant Line Road, Highway 205, Paradise Road, and Pescadero Avenue within 2 kilometers of the project site. Off-site DPM emissions from CalEEMod were adjusted to account only for off-site emissions occurring within 2 kilometers of the project site. See Emission Rates in Appendix B for more information.

¹ San Joaquin Valley Air Pollution Control District (SJVAPCD). 2006. Guidance for Air Dispersion Modeling Draft. Website: http://www.valleyair.org/busind/pto/tox_resources/Modeling%20Guidance.pdf.

6. Meteorological data from the Tracy Air Monitoring Station, Station ID 66666, lat/long: 37° 38'N 121° 21'W. This station was selected as it was one of the closest monitoring stations to the project site and it resembled physical site characteristics and elevation generally representative of the project site.

Cancer Risk Calculations

Consistent with SJVAPCD guidance, PM₁₀ exhaust emissions were used in AERMOD as a surrogate pollutant to estimate concentrations of diesel particulate matter (DPM) emissions during project construction and the HARP2 software was utilized to calculate the resulting cancer risk. Cancer risk and hazard index calculations are contained in the Cancer Risk Calculation sheets of this Appendix.

Table B-2 summarizes the cancer risk and hazard index results for project construction at the maximally impacted receptors (MIR) with implementation of Mitigation Measures AIR-1a and AIR-1b. The MIRs for Phase 1 construction were a single-family residence located approximately 1,025 feet east of the project site and Banta Elementary School approximately 2,495 feet east of the project site. The MIRs for Phase 2 construction were a single-family residence located approximately 35 feet east of the project site and Banta Elementary School approximately 1,500 feet east of the project site. The MIRs for Phase 3 construction were a single-family residence located approximately 550 feet southeast of the project site and Banta Elementary School approximately 2,150 feet southeast of the project site.

Table B-2: Estimated Cancer Risks and Chronic Non-Cancer Hazards (Mitigated Construction)

Risk Scenario	Annual Average PM ₁₀ Exhaust Concentration (µg/m ³)	Cancer Risk (Risk Per One Million)	Chronic Non-Cancer Hazard Index ¹
Phase 1 (Tracy Alliance Parcels)			
Residential MIR	6.100E-03	1.08	<0.01
School MIR	2.460E-03	0.10	<0.01
Phase 2 (Suvik Farms Parcels)			
Residential MIR	2.700E-03	0.48	<0.01
School MIR	3.000E-04	0.01	<0.01
Phase 3 (Zuriakat Parcel)			
Residential MIR	2.900E-04	0.05	<0.01
School MIR	9.000E-05	<0.01	<0.01
Total Residential Risk		1.62	0.05
Total School Risk		0.11	<0.01
SJVAPCD Thresholds		20	1
Project Construction Exceeds Thresholds?		No	No
Notes:			
¹ Chronic non-cancer hazard index was estimated by dividing the annual DPM concentration (as PM ₁₀ exhaust) by the reference exposure level of 5 µg/m ³ .			
Source: California Office of Environmental Health Hazard Assessment (OEHHA). 2015. Air Toxics Hot Spots Program Risk Assessment Guidelines. February. Website: https://oehha.ca.gov/media/downloads/crn/2015guidancemanual.pdf .			

Table B-3 summarizes the cancer risk and hazard index results for operation of project phase 1 at the MIRs with implementation of Mitigation Measures AIR-1c and AIR-1d. The MIRs for Phase 1 operation were a single-family residence located approximately 75 feet east of the project site, Banta Elementary School approximately 2,495 feet east of the project site, and on-site workers.

Table B-3: Estimated Cancer Risks and Chronic Non-Cancer Hazards (Phase 1 Operation)

Risk Scenario	Annual Average PM ₁₀ Exhaust Concentration (µg/m ³)	Cancer Risk (Risk Per One Million)	Chronic Non-Cancer Hazard Index ¹
Phase 1 (Tracy Alliance Parcels)			
Residential MIR	1.251E-02	13.13	<0.01
School MIR	4.390E-03	1.13	<0.01
Worker MIR	2.949E-02	2.92	0.01
SJVAPCD Thresholds		20	1
Project Construction Exceeds Thresholds?		No	No

Notes:

¹ Chronic non-cancer hazard index was estimated by dividing the annual DPM concentration (as PM₁₀ exhaust) by the reference exposure level of 5 µg/m³.

² MIR = Maximum Impacted Sensitive Receptor

³ Concentrations are taken from the air dispersion modeling results (Appendix B) and risk summary values are taken from HARP2 cancer risk calculation results (Appendix B).

⁴ Mitigation Measure AIR-1c applies only to the generation of ROGs and would not affect the generation of PM10 exhaust emissions.

⁵ Due to the off-model reductions applied to Phase 1 Mitigated Operational Emissions to demonstrate compliance with Mitigation Measure AIR-1d, which would require that all heavy-duty trucks utilized during operation of phase 1 of the project meet the 2013 Optional Low-NOx Standard of 0.02 gram of NOx per brake horsepower-hour. This would represent a 90 percent reduction in NOx emissions from the current heavy-duty truck NOx standard of 0.2 gram of NOx per brake horsepower-hour. Due to the lack of available information related to reductions in the other criteria pollutants resulting from the application of Mitigation Measure AIR-1d, the mitigated PM10 exhaust emission estimates for operation of phase 1 of the project do not reflect actual reductions to NOx that would result from Mitigation Measure AIR-1d.

Source: California Office of Environmental Health Hazard Assessment (OEHHA). 2015. Air Toxics Hot Spots Program Risk Assessment Guidelines. February. Website: <https://oehha.ca.gov/media/downloads/crn/2015guidancemanual.pdf>.

Cancer Risk Calculations - Unmitigated Construction

Project Phase	MIR	Annual Average PM10 Exhaust Concentration (µg/m3)	Risk Summary (per person)	Risk Summary (per one million)
Phase 1 (Tracy Alliance Parcels)	Residential MIR	5.775E-02	1.03E-05	10.27
	School MIR	2.239E-02	8.71E-07	0.87
Phase 2 (Suvik Farms Parcels)	Residential MIR	1.811E-01	3.22E-05	32.20
	School MIR	1.637E-02	6.37E-07	0.64
Phase 3 (Zuriakat Parcels)	Residential MIR	1.303E-02	2.32E-06	2.32
	School MIR	4.110E-03	1.60E-07	0.16
Total Residential Risk			4.48E-05	44.79
Total School Risk			1.67E-06	1.67
Notes:				
(1) MIR = Maximum Impacted Sensitive Receptor				
(2) Concentrations are taken from the air dispersion modeling results (Appendix B) and risk summary values are taken from HARP2 cancer risk calculation results (Appendix B).				

Cancer Risk Calculations - Mitigated Construction

Project Phase	MIR	Annual Average PM10 Exhaust Concentration (µg/m3)	Risk Summary (per person)	Risk Summary (per one million)
Phase 1 (Tracy Alliance Parcels)	Residential MIR	6.100E-03	1.08E-06	1.08
	School MIR	2.460E-03	9.57E-08	0.10
Phase 2 (Suvik Farms Parcels)	Residential MIR	2.700E-03	4.80E-07	0.48
	School MIR	3.000E-04	1.17E-08	0.01
Phase 3 (Zuriakat Parcels)	Residential MIR	2.900E-04	5.16E-08	0.05
	School MIR	9.000E-05	3.50E-09	0.00
Total Residential Risk			1.62E-06	1.62
Total School Risk			1.11E-07	0.11
Notes:				
(1) MIR = Maximum Impacted Sensitive Receptor				
(2) Concentrations are taken from the air dispersion modeling results (Appendix B) and risk summary values are taken from HARP2 cancer risk calculation results (Appendix B).				

Cancer Risk Calculations - Phase 1 Unmitigated/Mitigated Operation

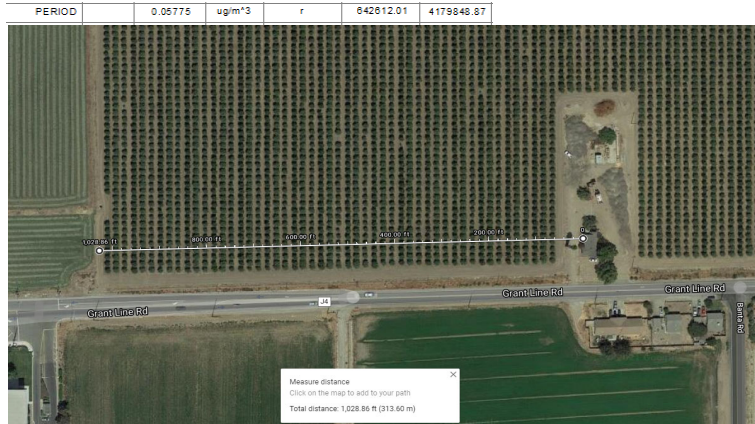
Project Phase	MIR	Annual Average PM10 Exhaust Concentration (µg/m3)	Risk Summary (per person)	Risk Summary (per one million)
Phase 1 (Tracy Alliance Parcels)	Residential MIR	1.251E-02	1.31E-05	13.13
	School MIR	4.390E-03	1.13E-06	1.13
	Worker MIR	2.949E-02	2.92E-06	2.92
<p>Notes:</p> <p>(1) MIR = Maximum Impacted Sensitive Receptor</p> <p>(2) Concentrations are taken from the air dispersion modeling results (Appendix B) and risk summary values are taken from HARP2 cancer risk calculation results (Appendix B).</p> <p>(3) Mitigation Measure AIR-1c applies only to the generation of ROG's and would not affect the generation of PM10 exhaust emissions.</p> <p>(4) Due to the off-model reductions applied to Phase 1 Mitigated Operational Emissions to demonstration compliance with Mitigation Measure AIR-1d, which would require that all heavy-duty trucks utilized during operation of phase 1 of the project meet the 2013 Optional Low-NOx Standard of 0.02 gram of NOx per brake horsepower-hour. This would represent a 90 percent reduction in NOx emissions from the current heavy-duty truck NOx standard of 0.2 gram of NOx per brake horsepower-hour. Due to the lack of available information related to reductions in the other criteria pollutants resulting from the application of Mitigation Measure AIR-1d, the mitigated PM10 exhaust emission estimates for operation of phase 1 of the project do not reflect actual reductions to NOx that would result from Mitigation Measure AIR-1d.</p>				

UNMITIGATED

Maximally Impacted Sensitive Receptors (MIR)

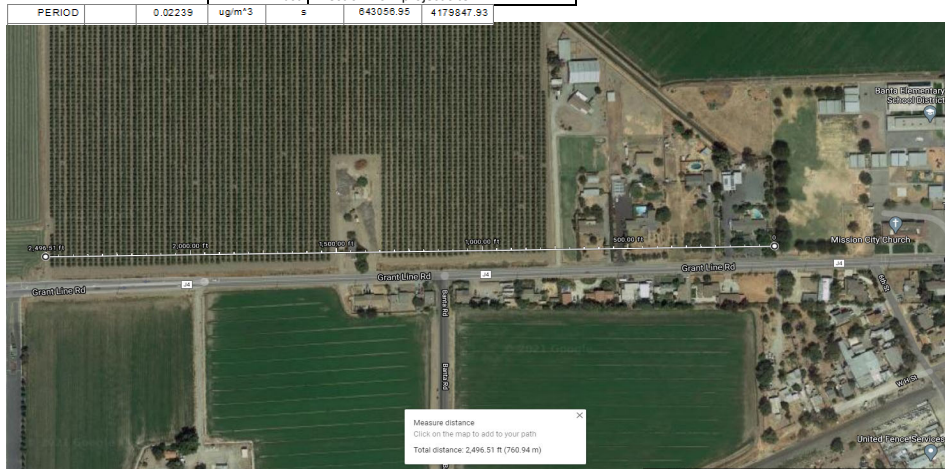
Single-Family Residence

642,612.01	Meters easting
4,179,848.87	Meters northing
1,025	Approximate feet from project site
East	Direction from project site



Banta Elementary School

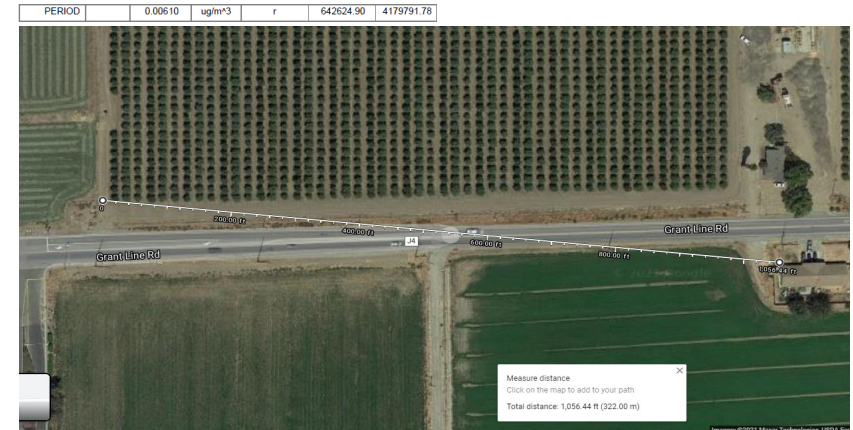
643,056.95	Meters easting
4,179,847.93	Meters northing
2,495	Approximate feet from project site
East	Direction from project site



MITIGATED

Single-Family Residence

642,624.90	Meters easting
4,179,791.78	Meters northing
1,050	Approximate feet from project site
East	Direction from project site



Same school MIR

PERIOD	0.00246	ug/m ³	s	643056.95	4179847.93
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UNMITIGATED

Maximally Impacted Sensitive Receptors (MIR)

Single-Family Residence

642,612.01	Meters easting
4,179,848.87	Meters northing
35	Approximate feet from project site
East	Direction from project site

PERIOD	0.18107	ug/m ³	r	642612.01	4179848.87
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Banta Elementary School

643,056.95	Meters easting
4,179,847.93	Meters northing
1,500	Approximate feet from project site
East	Direction from project site

PERIOD	0.01637	ug/m ³	s	643056.95	4179847.93
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MITIGATED

Same MIR

PERIOD	0.00270	ug/m ³	r	642612.01	4179848.87
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Same MIR

PERIOD	0.00030	ug/m ³	s	643056.95	4179847.93
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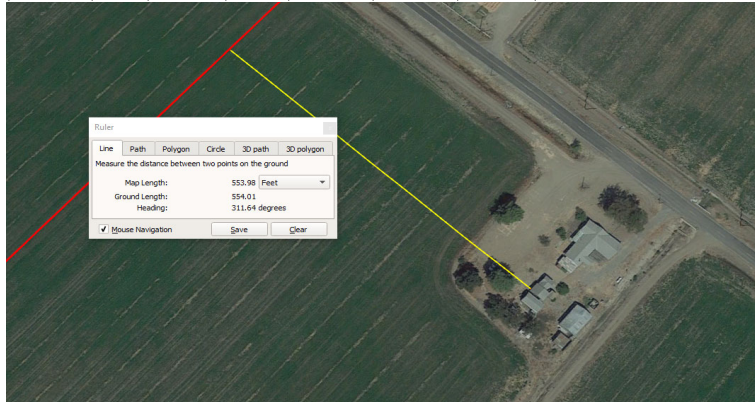
UNMITIGATED

Maximally Impacted Sensitive Receptors (MIR)

Single-Family Residence

642,843.70	Meters easting
4,180,532.79	Meters northing
550	Approximate feet from project site
Southeast	Direction from project site

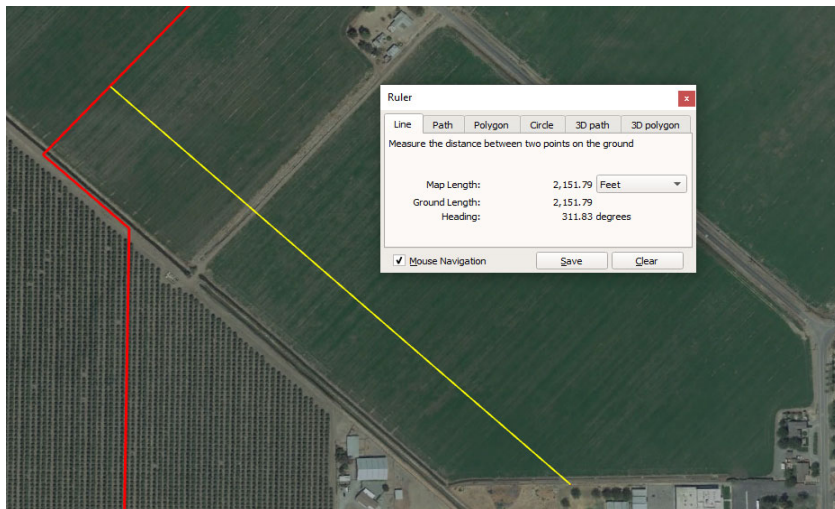
PERIOD	0.01303	ug/m ³	r	642843.70	4180532.79
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Banta Elementary School

643,058.28	Meters easting
4,180,042.91	Meters northing
2,150	Approximate feet from project site
Southeast	Direction from project site

PERIOD	0.00411	ug/m ³	s	643048.31	4180042.53
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MITIGATED

Same MIR

PERIOD	0.00029	ug/m ³	r	642843.70	4180532.79
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Different point on boundary, but same MIR

PERIOD	0.00009	ug/m ³	s	643048.31	4180042.53
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UNMITIGATED

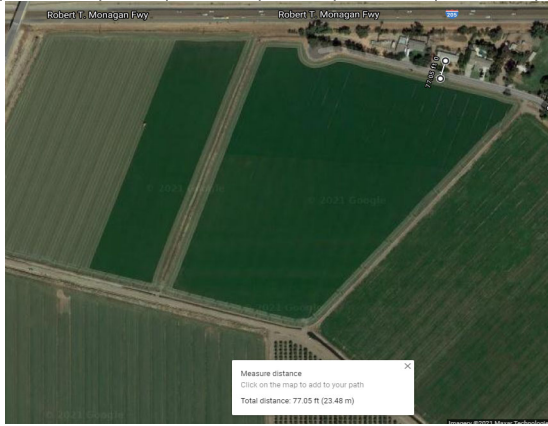
MITIGATED

Maximally Impacted Sensitive Receptors (MIR)

Single-Family Residence

642,480.08	Meters easting
4,180,894.46	Meters northing
75	Approximate feet from project site
Northeast	Direction from project site

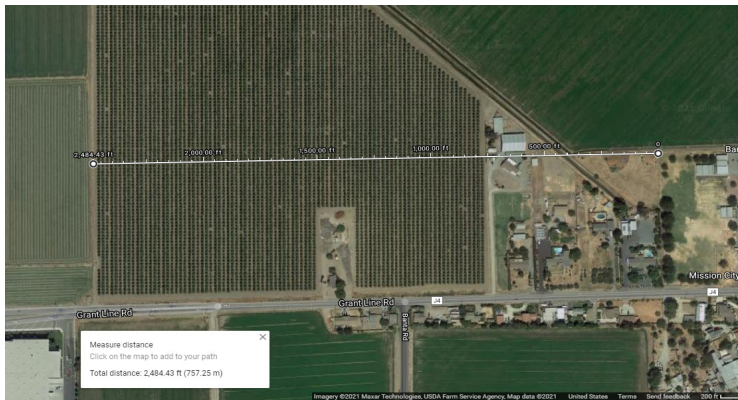
PERIOD	0.01251	ug/m ³	r	642480.08	4180894.46
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Banta Elementary School

643,056.95	Meters easting
4,179,847.93	Meters northing
2,480	Approximate feet from project site
East	Direction from project site

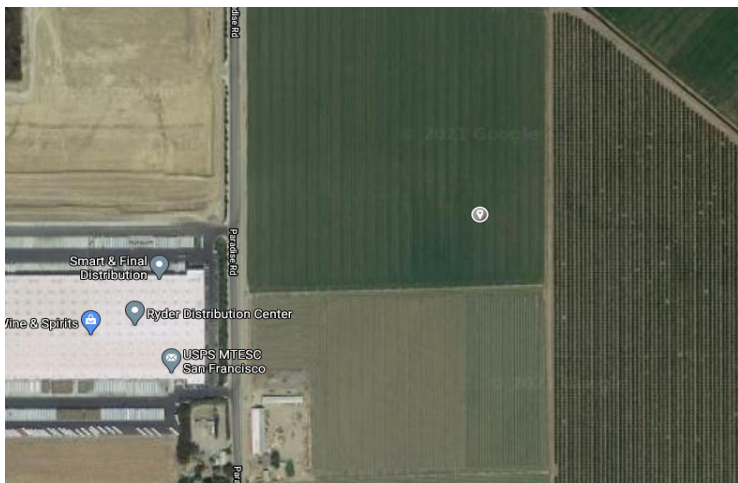
PERIOD	0.00439	ug/m ³	s	643056.95	4179847.93
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On-site Worker Location

642,202.53	Meters easting
4,180,275.57	Meters northing
On-site	Approximate feet from project site
	Direction from project site

PERIOD	0.02949	ug/m ³	w	642202.53	4180300.57
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Tracy Alliance Phase 1 Unmitigated Construction Emissions

CalEEMod output file: Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated Construction Only - San Joaquin County, Annual

Time stamp: Date: 1/28/2021 8:45 AM

Annual Construction PM10 Exhaust Emissions (Tons)

PM10 (Exhaust)	Demolition Emissions	Site Preparation Emissions	Grading Emissions	Building Construction Emissions	Paving Emissions	Architectural Coating Emissions	Total Construction Emissions
Onsite Emissions	0.01240	0.06450	0.14820	0.69200	0.03560	0.00500	0.95770
Offsite Emissions	0.00006	0.00003	0.00019	0.00937	0.00007	0.00016	0.00988
Total Emissions	0.01246	0.06453	0.14839	0.70137	0.03567	0.00516	0.96758

Off-Site AERMOD Input Adjustments

Roadway Segment	Length (Miles)	Proportion of Total	PM10 (Exhaust) Emission Rate (g/sec)
Highway 205	2.90	37.66%	1.819E-05
E. Pescadero Ave - Narrow Segment	0.50	6.49%	3.136E-06
E. Pescadero Ave - Wide Segment	0.70	9.09%	4.391E-06
Paradise Road	0.60	7.79%	3.764E-06
E. Grant Line - Narrow Segment	1.70	22.08%	1.066E-05
E. Grant Line - Wide Segment	1.30	16.88%	8.155E-06
<i>Totals</i>	<i>7.70</i>	<i>100.00%</i>	<i>4.830E-05</i>

Notes:

¹ Conversion factor of 453.592 grams/pound was used to convert daily emissions expressed in pounds to daily emissions expressed in grams.

² Off-site emissions used in the AERMOD air dispersion model were reduced to account for the proportion of emissions occurring within 2 kilometers of the project site.

Exhaust PM10 AERMOD Inputs

Construction	259 workdays
Construction Hours	2,072 hours
Elapsed Hours	6,216 hours
Variable Factor	3.00
Onsite Emissions	1,915.40 pounds 868,810.12 grams 1.398E+02 grams/hours 3.882E-02 grams/sec
Offsite Emissions	19.76 pounds 8,962.98 grams 1.442E+00 grams/hour 4.005E-04 grams/sec

Off-Site Emission Adjustment for 2km Radius of Project Site

Off-Site Hauling & Vendor Trips					
PhaseName	Vendor Trip Number	Hauling Trip Number	Vendor Trip Length	Hauling Trip Length	
Demolition	0	133	7.3	20	
Site Preparation	0	0	7.3	20	
Grading	0	0	7.3	20	
Building Construction	429	0	7.3	20	
Paving	0	0	7.3	20	
Architectural Coating	0	0	7.3	20	
Totals	429	133			

Construction Results			AERMOD 2km Radius Adjustment		
	Vendor Trips	Hauling Trips	Vendor Trips	Hauling Trips	
Trips	429.00	133.00	429.00	133.00	
Length	7.30	20.00 miles	2,814,960.72	872,703.44 ft*	
VMT	3,131.70	2,660.00 vmt	533.14	165.28 vmt**	
Total		5,791.70 vmt	Total	698.42 vmt	

Proportion of off-site emissions occurring within 2 km of project site: 12.0590%

Notes:

*Conversion rate of 3,280.84 feet per kilometer was used.

**5,280 feet per mile.

Tracy Alliance Phase 1 (Tracy Alliance Parcel) Mitigated Construction Emissions (AIR-1.A, 2.A, 3)

CalEEMod output file: Tracy Alliance Phase 1 (Tracy Alliance Parcel) - MITIGATED Construction Only (MMs AIR-1, 1.A, 2, 2.A - San Joaquin County, Annual

Time stamp: Date: 2/13/2021 3:12 PM

Annual Construction PM10 Exhaust Emissions (Tons)

PM10 (Exhaust)	Demolition Emissions	Site Preparation Emissions	Grading Emissions	Building Construction Emissions	Paving Emissions	Architectural Coating Emissions	Total Construction Emissions
Onsite Emissions	0.00000	0.00000	0.04460	0.05480	0.00000	0.00000	0.09940
Offsite Emissions	0.00006	0.00003	0.00019	0.00937	0.00007	0.00016	0.00988
Total Emissions	0.00006	0.00003	0.04479	0.06417	0.00007	0.00016	0.10928

Off-Site AERMOD Input Adjustments

Roadway Segment	Length (Miles)	Proportion of Total	PM10 (Exhaust) Emission Rate (g/sec)
Highway 205	2.90	37.66%	1.819E-05
E. Pescadero Ave - Narrow Segment	0.50	6.49%	3.136E-06
E. Pescadero Ave - Wide Segment	0.70	9.09%	4.391E-06
Paradise Road	0.60	7.79%	3.764E-06
E. Grant Line - Narrow Segment	1.70	22.08%	1.066E-05
E. Grant Line - Wide Segment	1.30	16.88%	8.155E-06
<i>Totals</i>	<i>7.70</i>	<i>100.00%</i>	<i>4.830E-05</i>

Notes:

¹ Conversion factor of 453.592 grams/pound was used to convert daily emissions expressed in pounds to daily emissions expressed in grams.

² Off-site emissions used in the AERMOD air dispersion model were reduced to account for the proportion of emissions occurring within 2 kilometers of the project site.

Exhaust PM10 AERMOD Inputs

Construction	259 workdays
Construction Hours	2,072 hours
Elapsed Hours	6,216 hours
Variable Factor	3.00
Onsite Emissions	198.80 pounds
	90,174.09 grams
	1.451E+01 grams/hours
	4.030E-03 grams/sec
Offsite Emissions	19.76 pounds
	8,962.98 grams
	1.442E+00 grams/hour
	4.005E-04 grams/sec

Off-Site Emission Adjustment for 2km Radius of Project Site

Off-Site Hauling & Vendor Trips					
PhaseName	Vendor Trip Number	Hauling Trip Number	Vendor Trip Length	Hauling Trip Length	
Demolition	0	133	7.3	20	
Site Preparation	0	0	7.3	20	
Grading	0	0	7.3	20	
Building Construction	429	0	7.3	20	
Paving	0	0	7.3	20	
Architectural Coating	0	0	7.3	20	
Totals	429	133			

Construction Results			AERMOD 2km Radius Adjustment		
	Vendor Trips	Hauling Trips	Vendor Trips	Hauling Trips	
Trips	429.00	133.00	429.00	133.00	
Length	7.30	20.00 miles	2,814,960.72	872,703.44 ft*	
VMT	3,131.70	2,660.00 vmt	533.14	165.28 vmt**	
Total		5,791.70 vmt	Total	698.42 vmt	

Proportion of off-site emissions occurring within 2 km of project site: 12.0590%

Notes:

*Conversion rate of 3,280.84 feet per kilometer was used.

**5,280 feet per mile.

Tracy Alliance Phase 2 Unmitigated Construction Emissions

CalEEMod output file: Tracy Alliance Phase 2 (Suvik Farms Parcel) - Unmitigated Construction Only - San Joaquin County, Annual

Time stamp: Date: 1/28/2021 8:49 AM

Annual Construction PM10 Exhaust Emissions (Tons)

PM10 (Exhaust)	Demolition Emissions	Site Preparation Emissions	Grading Emissions	Building Construction Emissions	Paving Emissions	Architectural Coating Emissions	Total Construction Emissions
Onsite Emissions	-	0.01270	0.05040	0.25220	0.00937	0.00122	0.32589
Offsite Emissions	-	0.00003	0.00011	0.00266	0.00002	0.00007	0.00289
Total Emissions	0.00000	0.01273	0.05051	0.25486	0.00939	0.00129	0.32878

Off-Site AERMOD Input Adjustments

Roadway Segment	Length (Miles)	Proportion of Total	PM10 (Exhaust) Emission Rate (g/sec)
Highway 205	2.90	37.66%	7.512E-06
E. Pescadero Ave - Narrow Segment	0.50	6.49%	1.295E-06
E. Pescadero Ave - Wide Segment	0.70	9.09%	1.813E-06
Paradise Road	0.60	7.79%	1.554E-06
E. Grant Line - Narrow Segment	1.70	22.08%	4.403E-06
E. Grant Line - Wide Segment	1.30	16.88%	3.367E-06
<i>Totals</i>	<i>7.70</i>	<i>100.00%</i>	<i>1.995E-05</i>

Notes:

¹ Conversion factor of 453.592 grams/pound was used to convert daily emissions expressed in pounds to daily emissions expressed in grams.

² Off-site emissions used in the AERMOD air dispersion model were reduced to account for the proportion of emissions occurring within 2 kilometers of the project site.

Exhaust PM10 AERMOD Inputs

Construction	259 workdays
Construction Hours	2,072 hours
Elapsed Hours	6,216 hours
Variable Factor	3.00
Onsite Emissions	651.78 pounds
	295,642.19 grams
	4.756E+01 grams/hours
	1.321E-02 grams/sec
Offsite Emissions	5.78 pounds
	2,621.76 grams
	4.218E-01 grams/hour
	1.172E-04 grams/sec

Off-Site Emission Adjustment for 2km Radius of Project Site

Off-Site Hauling & Vendor Trips					
PhaseName	Vendor Trip Number	Hauling Trip Number	Vendor Trip Length	Hauling Trip Length	
Demolition	0	0	7.3	20	
Site Preparation	0	0	7.3	20	
Grading	0	0	7.3	20	
Building Construction	186	0	7.3	20	
Paving	0	0	7.3	20	
Architectural Coating	0	0	7.3	20	
Totals	186	0			

Construction Results			AERMOD 2km Radius Adjustment		
	Vendor Trips	Hauling Trips	Vendor Trips	Hauling Trips	
Trips	186.00	-	186.00	-	
Length	7.30	20.00 miles	1,220,472.48	-	ft*
VMT	1,357.80	- vmt	231.15	-	vmt**
Total		1,357.80 vmt	Total	231.15	vmt

Proportion of off-site emissions occurring within 2 km of project site: 17.0239%

Notes:

*Conversion rate of 3,280.84 feet per kilometer was used.

**5,280 feet per mile.

Tracy Alliance Phase 2 (Suvik Farms Parcel) Mitigated Construction Emissions (AIR-1.A, 2.A, & 3)

CalEEMod output file: Tracy Alliance Phase 2 (Suvik Farms Parcel) - MITIGATED Construction Only (AIR-1.A,2.A,3) - San Joaquin County, Annual

Time stamp: Date: 2/15/2021 11:36 AM

Annual Construction PM10 Exhaust Emissions (Tons)

PM10 (Exhaust)	Demolition Emissions	Site Preparation Emissions	Grading Emissions	Building Construction Emissions	Paving Emissions	Architectural Coating Emissions	Total Construction Emissions
Onsite Emissions	-	0.00000	0.00176	0.00306	0.00000	0.00000	0.00482
Offsite Emissions	-	0.00003	0.00011	0.00266	0.00002	0.00007	0.00289
Total Emissions	0.00000	0.00003	0.00187	0.00572	0.00002	0.00007	0.00771

Off-Site AERMOD Input Adjustments

Roadway Segment	Length (Miles)	Proportion of Total	PM10 (Exhaust) Emission Rate (g/sec)
Highway 205	2.90	37.66%	7.512E-06
E. Pescadero Ave - Narrow Segment	0.50	6.49%	1.295E-06
E. Pescadero Ave - Wide Segment	0.70	9.09%	1.813E-06
Paradise Road	0.60	7.79%	1.554E-06
E. Grant Line - Narrow Segment	1.70	22.08%	4.403E-06
E. Grant Line - Wide Segment	1.30	16.88%	3.367E-06
<i>Totals</i>	<i>7.70</i>	<i>100.00%</i>	<i>1.995E-05</i>

Notes:

¹ Conversion factor of 453.592 grams/pound was used to convert daily emissions expressed in pounds to daily emissions expressed in grams.

² Off-site emissions used in the AERMOD air dispersion model were reduced to account for the proportion of emissions occurring within 2 kilometers of the project site.

Exhaust PM10 AERMOD Inputs

Construction	259 workdays
Construction Hours	2,072 hours
Elapsed Hours	6,216 hours
Variable Factor	3.00
Onsite Emissions	9.64 pounds
	4,372.63 grams
	7.034E-01 grams/hours
	1.954E-04 grams/sec
Offsite Emissions	5.78 pounds
	2,621.76 grams
	4.218E-01 grams/hour
	1.172E-04 grams/sec

Off-Site Emission Adjustment for 2km Radius of Project Site

Off-Site Hauling & Vendor Trips					
PhaseName	Vendor Trip Number	Hauling Trip Number	Vendor Trip Length	Hauling Trip Length	
Demolition	0	0	7.3	20	
Site Preparation	0	0	7.3	20	
Grading	0	0	7.3	20	
Building Construction	186	0	7.3	20	
Paving	0	0	7.3	20	
Architectural Coating	0	0	7.3	20	
Totals	186	0			

Construction Results			AERMOD 2km Radius Adjustment		
	Vendor Trips	Hauling Trips	Vendor Trips	Hauling Trips	
Trips	186.00	-	186.00	-	
Length	7.30	20.00 miles	1,220,472.48	-	ft*
VMT	1,357.80	- vmt	231.15	-	vmt**
Total		1,357.80 vmt	Total	231.15	vmt

Proportion of off-site emissions occurring within 2 km of project site: 17.0239%

Notes:

*Conversion rate of 3,280.84 feet per kilometer was used.

**5,280 feet per mile.

Tracy Alliance Phase 3 Unmitigated Construction Emissions

CalEEMod output file: Tracy Alliance Phase 3 (Zuriakat Parcel) - Unmitigated Construction Only - San Joaquin County, Annual

Time stamp: Date: 1/28/2021 8:53 AM

Annual Construction PM10 Exhaust Emissions (Tons)

PM10 (Exhaust)	Demolition Emissions	Site Preparation Emissions	Grading Emissions	Building Construction Emissions	Paving Emissions	Architectural Coating Emissions	Total Construction Emissions
Onsite Emissions	-	0.00615	0.02340	0.02246	0.00419	0.00052	0.05672
Offsite Emissions	-	0.00001	0.00005	0.00022	0.00001	0.00002	0.00031
Total Emissions	0.00000	0.00616	0.02345	0.02268	0.00420	0.00054	0.05703

Off-Site AERMOD Input Adjustments

Roadway Segment	Length (Miles)	Proportion of Total	PM10 (Exhaust) Emission Rate (g/sec)
Highway 205	2.90	43.28%	9.260E-07
California Avenue	0.80	11.94%	2.555E-07
E. Grant Line - Narrow Segment	1.70	25.37%	5.428E-07
E. Grant Line - Wide Segment	1.30	19.40%	4.151E-07
N/A	-	-	-
N/A	-	-	-
<i>Totals</i>	<i>6.70</i>	<i>100.00%</i>	<i>2.139E-06</i>

Notes:

¹ Conversion factor of 453.592 grams/pound was used to convert daily emissions expressed in pounds to daily emissions expressed in grams.

² Off-site emissions used in the AERMOD air dispersion model were reduced to account for the proportion of emissions occurring within 2 kilometers of the project site.

Exhaust PM10 AERMOD Inputs

Construction	259 workdays
Construction Hours	2,072 hours
Elapsed Hours	6,216 hours
Variable Factor	3.00
Onsite Emissions	113.44 pounds
	51,455.48 grams
	8.278E+00 grams/hours
	2.299E-03 grams/sec
Offsite Emissions	0.62 pounds
	281.23 grams
	4.524E-02 grams/hour
	1.257E-05 grams/sec

Off-Site Emission Adjustment for 2km Radius of Project Site

Off-Site Hauling & Vendor Trips					
PhaseName	Vendor Trip Number	Hauling Trip Number	Vendor Trip Length	Hauling Trip Length	
Demolition	0	0	7.3	20	
Site Preparation	0	0	7.3	20	
Grading	0	0	7.3	20	
Building Construction	88	0	7.3	20	
Paving	0	0	7.3	20	
Architectural Coating	0	0	7.3	20	
Totals	88	0			

Construction Results			AERMOD 2km Radius Adjustment		
	Vendor Trips	Hauling Trips	Vendor Trips	Hauling Trips	
Trips	88.00	-	88.00	-	
Length	7.30	20.00 miles	577,427.84	-	ft*
VMT	642.40	- vmt	109.36	-	vmt**
Total		642.40 vmt	Total	109.36	vmt

Proportion of off-site emissions occurring within 2 km of project site: 17.0239%

Notes:

*Conversion rate of 3,280.84 feet per kilometer was used.

**5,280 feet per mile.

Tracy Alliance Phase 3 (Zuriakat Parcel) Mitigated Construction Emissions (AIR-1.A, 2.A, & 3)

CalEEMod output file: Tracy Alliance Phase 3 (Zuriakat Parcel) - MITIGATED Construction Only (AIR-1.A,2.A,3) - San Joaquin County, Annual

Time stamp: Date: 2/15/2021 11:44 AM

Annual Construction PM10 Exhaust Emissions (Tons)

PM10 (Exhaust)	Demolition Emissions	Site Preparation Emissions	Grading Emissions	Building Construction Emissions	Paving Emissions	Architectural Coating Emissions	Total Construction Emissions
Onsite Emissions	-	0.00000	0.00088	0.00035	0.00000	0.00000	0.00123
Offsite Emissions	-	0.00001	0.00005	0.00022	0.00001	0.00002	0.00031
Total Emissions	0.00000	0.00001	0.00093	0.00057	0.00001	0.00002	0.00154

Off-Site AERMOD Input Adjustments

Roadway Segment	Length (Miles)	Proportion of Total	PM10 (Exhaust) Emission Rate (g/sec)
Highway 205	2.90	43.28%	9.260E-07
California Avenue	0.80	11.94%	2.555E-07
E. Grant Line - Narrow Segment	1.70	25.37%	5.428E-07
E. Grant Line - Wide Segment	1.30	19.40%	4.151E-07
N/A	-	-	-
N/A	-	-	-
<i>Totals</i>	<i>6.70</i>	<i>100.00%</i>	<i>2.139E-06</i>

Notes:

¹ Conversion factor of 453.592 grams/pound was used to convert daily emissions expressed in pounds to daily emissions expressed in grams.

² Off-site emissions used in the AERMOD air dispersion model were reduced to account for the proportion of emissions occurring within 2 kilometers of the project site.

Exhaust PM10 AERMOD Inputs

Construction	259 workdays
Construction Hours	2,072 hours
Elapsed Hours	6,216 hours
Variable Factor	3.00
Onsite Emissions	2.46 pounds
	1,115.84 grams
	1.795E-01 grams/hours
	4.986E-05 grams/sec
Offsite Emissions	0.62 pounds
	281.23 grams
	4.524E-02 grams/hour
	1.257E-05 grams/sec

Off-Site Emission Adjustment for 2km Radius of Project Site

Off-Site Hauling & Vendor Trips					
PhaseName	Vendor Trip Number	Hauling Trip Number	Vendor Trip Length	Hauling Trip Length	
Demolition	0	0	7.3	20	
Site Preparation	0	0	7.3	20	
Grading	0	0	7.3	20	
Building Construction	88	0	7.3	20	
Paving	0	0	7.3	20	
Architectural Coating	0	0	7.3	20	
Totals	88	0			

Construction Results			AERMOD 2km Radius Adjustment		
	Vendor Trips	Hauling Trips	Vendor Trips	Hauling Trips	
Trips	88.00	-	88.00	-	
Length	7.30	20.00 miles	577,427.84	-	ft*
VMT	642.40	- vmt	109.36	-	vmt**
Total		642.40 vmt	Total	109.36	vmt

Proportion of off-site emissions occurring within 2 km of project site: 17.0239%

Notes:
 *Conversion rate of 3,280.84 feet per kilometer was used.
 **5,280 feet per mile.

Tracy Alliance Phase 1 Unmitigated Operational Emissions

CalEEMod output file: Tracy Alliance Phase 1 (Tracy Alliance Parcel) - Unmitigated 2023 Operations - San Joaquin County, Annual

Time stamp: Date: 1/28/2021 7:07 PM

CalEEMod output file: Tracy Alliance Phase 1 (Tracy Alliance Parcel) - 2023 PASSENGER VEH ONSITE PM10 - San Joaquin County, Annual

Time stamp: Date: 2/18/2021 5:16 PM

CalEEMod output file: Tracy Alliance Phase 1 (Tracy Alliance Parcel) - 2023 TRUCKS ONSITE PM10 - San Joaquin County, Annual

Time stamp: Date: 2/18/2021 5:21 PM

Annual Operational PM10 Exhaust Emissions (Tons)

Emission Source	PM10 Exhaust	Emission Location	Onsite Total
Area	0.00012	Onsite	0.04908
Energy	0.04430	Onsite	
Mobile - Autos	0.00215	Onsite	
Mobile - Trucks	0.00251	Onsite	
Mobile - Autos	0.01500	Offsite	
Mobile - Trucks	0.02430	Offsite	0.03930
Waste	0.00000	Offsite	
Water	0.00000	Offsite	
Total Emissions	0.08838	N/A	

Off-Site AERMOD Input Adjustments

Roadway Segment	Length (Miles)	Proportion of Total	PM10 (Exhaust) Emission Rate (g/sec)
Highway 205	2.90	37.66%	5.411E-05
E. Pescadero Ave - Narrow Segment	0.50	6.49%	9.329E-06
E. Pescadero Ave - Wide Segment	0.70	9.09%	1.306E-05
Paradise Road	0.60	7.79%	1.119E-05
E. Grant Line - Narrow Segment	1.70	22.08%	3.172E-05
E. Grant Line - Wide Segment	1.30	16.88%	2.426E-05
Totals	7.70	100.00%	1.437E-04

Notes:
¹ Conversion factor of 453.592 grams/pound was used to convert daily emissions expressed in pounds to daily emissions expressed in grams.
² Off-site emissions used in the AERMOD air dispersion model were reduced to account for the proportion of emissions occurring within 2 kilometers of the project site.

Exhaust PM10 AERMOD Inputs

Operation	365 workdays/year
Elapsed Hours	8,760 hours/year
Onsite Emissions	98.16 pounds 44,524.59 grams 5.083E+00 grams/hours 1.412E-03 grams/sec
Offsite Emissions	78.60 pounds 35,652.33 grams 4.070E+00 grams/hour 1.131E-03 grams/sec

Off-Site Emission Adjustment for 2km Radius of Project Site

Project Operations Trucks and Autos			AERMOD 2km Radius Adjustment		
	Daily Trips	VMT	Trip Distance	Trip %	VMT (Adjusted)*
Trucks	836	3,462,675	14.7	59%	539,421.37
Autos	1775	7,351,972	6.6	41%	834,897.95
Total	2611	10,814,647		Total	1,374,319.32

Proportion of off-site emissions occurring within 2 km of project site: 12.7079%

Notes:
 * VMT was adjusted to include only distances traveled within a 2-km radius of the project site. Adjusted VMT was identified by dividing 2 kilometers by the associated trip distances, then multiplying by the trip % and total VMT. Conversion rates of 3,280.84 feet per kilometer and 5,280 feet per mile were used.

Tracy Alliance Phase 1 Mitigated 2023 Operational Emissions (AIR-1c & AIR-1d)

CalEEMod output file: Tracy Alliance Phase 1 (Tracy Alliance Parcel) - MITIGATED 2023 Ops (AIR-4)

Time stamp: Date: 2/8/2021 5:23 PM

CalEEMod output file: Tracy Alliance Phase 1 (Tracy Alliance Parcel) - 2023 PASSENGER VEH ONSITE PM10 - San Joaquin County, Annual

Time stamp: Date: 2/18/2021 5:16 PM

CalEEMod output file: Tracy Alliance Phase 1 (Tracy Alliance Parcel) - 2023 TRUCKS ONSITE PM10 - San Joaquin County, Annual

Time stamp: Date: 2/18/2021 5:21 PM

Annual Operational PM10 Exhaust Emissions (Tons)

Emission Source	PM10 Exhaust	Emission Location	Onsite Total
Area	0.00012	Onsite	0.04908
Energy	0.04430	Onsite	
Mobile - Autos	0.00215	Onsite	
Mobile - Trucks*	0.00251	Onsite	
Mobile - Autos	0.01500	Offsite	Offsite Total
Mobile - Trucks*	0.02430	Offsite	0.03930
Waste	0.00000	Offsite	
Water	0.00000	Offsite	
Total Emissions	0.08838	N/A	

* Note: Mobile emissions shown here incorporate the implementation of Mitigation Measure AIR-5 which stipulates the use of a HHD truck fleet that meets or exceeds the 2013 Optional Low-NOx Standard of 0.02 gram of NOx per brakehorsepower-hour, which represents a 90 percent reduction in NOx emissions from the current heavy-duty truck NOx standard of 0.2 gram of NOx per brakehorsepower-hour. To demonstrate implementation of MM AIR-5, unmitigated mobile NOx emissions were reduced by 90 percent. Due to the lack of available information related to reductions in the other criteria pollutants resulting from the application of MM AIR-5, the mobile emission estimates shown above only reflect reductions to NOx resulting from MM AIR-5.

Off-Site AERMOD Input Adjustments

Roadway Segment	Length (Miles)	Proportion of Total	PM10 (Exhaust) Emission Rate (g/sec)
Highway 205	2.90	37.66%	5.411E-05
E. Pescadero Ave - Narrow Segment	0.50	6.49%	9.329E-06
E. Pescadero Ave - Wide Segment	0.70	9.09%	1.306E-05
Paradise Road	0.60	7.79%	1.119E-05
E. Grant Line - Narrow Segment	1.70	22.08%	3.172E-05
E. Grant Line - Wide Segment	1.30	16.88%	2.426E-05
Totals	7.70	100.00%	1.437E-04

Notes:

¹ Conversion factor of 453.592 grams/pound was used to convert daily emissions expressed in pounds to daily emissions expressed in grams.

² Off-site emissions used in the AERMOD air dispersion model were reduced to account for the proportion of emissions occurring within 2 kilometers of the project site.

Exhaust PM10 AERMOD Inputs

Operation	365 workdays/year
Elapsed Hours	8,760 hours/year
Onsite Emissions	98.16 pounds
	44,524.59 grams
	5.083E+00 grams/hours
	1.412E-03 grams/sec
Offsite Emissions	78.60 pounds
	35,652.33 grams
	4.070E+00 grams/hour
	1.131E-03 grams/sec

Off-Site Emission Adjustment for 2km Radius of Project Site

Project Operations Trucks and Autos			AERMOD 2km Radius Adjustment		
	Daily Trips	VMT	Trip Distance	Trip %	VMT (Adjusted)*
Trucks	836	3,462,675	14.7	59%	539,421.37
Autos	1775	7,351,972	6.6	41%	834,897.95
Total	2611	10,814,647		Total	1,374,319.32
		VMT			VMT

Proportion of off-site emissions occurring within 2 km of project site: 12.7079%

Notes:

* VMT was adjusted to include only distances traveled within a 2-km radius of the project site. Adjusted VMT was identified by dividing 2 kilometers by the associated trip distances, then multiplying by the trip % and total VMT. Conversion rates of 3,280.84 feet per kilometer and 5,280 feet per mile were used.

Control Pathway

AERMOD

Dispersion Options

Titles C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.	
Dispersion Options <input type="checkbox"/> Regulatory Default <input checked="" type="checkbox"/> Non-Default Options	Dispersion Coefficient Rural
<input checked="" type="checkbox"/> Elevated Terrain <input type="checkbox"/> No Stack-Tip Downwash (NOSTD) <input type="checkbox"/> Run in Screening Mode <input type="checkbox"/> Conversion of NOx to NO2 (OLM or PVMRM) <input type="checkbox"/> No Checks for Non-Sequential Met Data <input checked="" type="checkbox"/> Fast All Sources (FASTALL) <input type="checkbox"/> Fast Area Sources (FASTAREA) <input type="checkbox"/> Optimized Area Source Plume Depletion <input type="checkbox"/> Gas Deposition	Output Type <input checked="" type="checkbox"/> Concentration <input type="checkbox"/> Total Deposition (Dry & Wet) <input type="checkbox"/> Dry Deposition <input type="checkbox"/> Wet Deposition
<div style="border: 1px solid black; padding: 5px;"> BETA Options: <input type="checkbox"/> Capped and Horizontal Stack Releases <input type="checkbox"/> Adjusted Friction Velocity (u*) in AERMET (ADJ_U*) <input type="checkbox"/> Low Wind Options </div> <input type="checkbox"/> SCIM (Sampled Chronological Input Model) <input type="checkbox"/> Ignore Urban Night / Daytime Transition (NOURBTRAN)	Plume Depletion <input type="checkbox"/> Dry Removal <input type="checkbox"/> Wet Removal
	Output Warnings <input type="checkbox"/> No Output Warnings <input type="checkbox"/> Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM10	Exponential Decay <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Averaging Time Options Hours <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24 <input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual	Terrain Height Options <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated SO: Meters RE: Meters TG: Meters
Flagpole Receptors <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Default Height = 0.00 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: Tracy Alliance Phase 1 Unmitigated DPM.err

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: ONSITE_DPM (On-Site DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
10.30	3.33	8.67E-8		13	641885.71	4179785.96
		8.67E-8			642293.70	4179806.14
		8.67E-8			642276.60	4180549.64
		8.67E-8			642315.69	4180538.66
		8.67E-8			642576.93	4180840.53
		8.67E-8			642354.29	4180895.68
		8.67E-8			642316.64	4180890.83
		8.67E-8			642115.71	4180723.76
		8.67E-8			642046.01	4180714.39
		8.67E-8			641925.00	4180741.38
		8.67E-8			641867.15	4180579.26
		8.67E-8			641871.68	4180231.10
		8.67E-8			641883.43	4179933.33

Source Pathway - Source Inputs

AERMOD

Line Area Sources

Source Type: LINE AREA

Source: GRANT_NARROW (Grant Line - Narrow)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	3.96E-10	2.90	642240.15	4179796.64	10.66	0.00
			642370.14	4179802.71	10.56	0.00
			642468.35	4179807.41	10.65	0.00
			642522.65	4179810.81	10.42	0.00
			642601.30	4179815.09	10.26	0.00
			642753.89	4179822.72	9.65	0.00
			642870.97	4179828.53	9.00	0.00
			642997.37	4179834.93	8.56	0.00
			643058.89	4179838.14	8.24	0.00
			643276.88	4179849.70	7.72	0.00
			643328.83	4179852.61	7.77	0.00
			643373.85	4179852.10	7.93	0.00
			643406.67	4179847.70	8.14	0.00
			643430.60	4179842.01	8.40	0.00
			643493.86	4179821.89	8.50	0.00
			643512.08	4179816.54	8.42	0.00
			643534.21	4179811.19	7.81	0.00
			643559.11	4179807.66	7.64	0.00
			643584.56	4179806.59	7.35	0.00
			643837.49	4179810.10	6.87	0.00
			644304.14	4179819.98	6.91	0.00
			644381.56	4179816.77	6.84	0.00
			644639.88	4179802.61	6.89	0.00
			644920.10	4179780.34	6.69	0.00

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: GRANT_WIDE (East Grant - Wide)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
26.00	1.33E-10	2.90	639883.36	4179734.53	10.96	3.12
			640049.70	4179738.44	10.94	3.12
			640129.07	4179736.80	10.66	3.12
			640332.13	4179739.34	10.85	3.12
			640524.85	4179740.01	11.07	3.12
			640699.18	4179740.80	11.02	3.12
			640973.64	4179747.18	10.64	3.12
			641375.73	4179755.06	10.84	3.12
			641707.80	4179761.32	10.87	3.12
			642131.46	4179782.04	10.70	3.12
			642240.64	4179788.95	10.66	3.12

Source Type: LINE AREA

Source: HWY205 (Highway 205)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
48.00	8.17E-11	2.90	639915.98	4180899.34	9.30	3.12
			639987.03	4180907.58	9.10	3.12
			640073.77	4180914.25	9.05	3.12
			641143.27	4180936.85	8.98	3.12
			641981.33	4180952.99	7.71	3.12
			642628.24	4180964.34	8.15	3.12
			643389.33	4180982.37	7.56	3.12
			644550.34	4181004.59	8.48	3.12

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: PARADISE (Off-Road DPM)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
16.00	2.43E-10	2.90	641915.85	4180743.61	8.10	3.12
			641856.19	4180579.29	8.26	3.12
			641859.36	4180208.62	9.60	3.12
			641875.78	4179785.62	10.30	3.12

Source Type: LINE AREA

Source: PESCADERO_NA (Pescadero - Narrow segment)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
14.00	2.77E-10	2.90	641847.47	4180579.89	8.29	3.12
			641627.29	4180574.25	7.94	3.12
			641457.58	4180572.75	8.05	3.12
			641280.37	4180568.97	8.09	3.12
			641038.41	4180563.52	8.46	3.12

Source Type: LINE AREA

Source: PESCADERO_WI (Pescadero - Wide segment)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
16.00	2.43E-10	2.90	641038.20	4180561.57	8.45	3.12
			640899.85	4180558.22	8.73	3.12
			640764.42	4180555.11	8.64	3.12
			640553.77	4180550.04	9.05	3.12
			640271.47	4180544.80	8.14	3.12
			639907.92	4180544.35	7.59	3.12

Source Pathway - Source Inputs

AERMOD

Area Sources Generated from Line Sources

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
PARADISE	A0000001	641908.34	4180746.34	3.12	87.40	109.96	7.76	2.90
	A0000002	641878.50	4180664.18	3.12	87.40	109.96	7.67	2.90
	A0000003	641848.19	4180579.23	3.12	123.56	89.51	8.31	2.90
	A0000004	641849.25	4180455.67	3.12	123.56	89.51	8.53	2.90
	A0000005	641850.30	4180332.11	3.12	123.56	89.51	9.22	2.90
	A0000006	641851.36	4180208.31	3.12	141.11	87.78	9.53	2.90
	A0000007	641856.84	4180067.31	3.12	141.11	87.78	9.99	2.90
	A0000008	641862.31	4179926.31	3.12	141.11	87.78	10.21	2.90

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
GRANT_WIDE	A0000009	639883.67	4179721.54	3.12	166.38	358.66	10.84	2.90
	A0000010	640049.43	4179725.44	3.12	79.39	1.18	10.98	2.90
	A0000011	640129.23	4179723.80	3.12	203.07	359.28	10.73	2.90
	A0000012	640332.17	4179726.34	3.12	192.72	359.80	10.71	2.90
	A0000013	640524.91	4179727.01	3.12	174.34	359.74	10.98	2.90
	A0000014	640699.48	4179727.80	3.12	137.27	358.67	10.89	2.90
	A0000015	640836.71	4179730.99	3.12	137.27	358.67	10.89	2.90
	A0000016	640973.90	4179734.18	3.12	201.08	358.88	10.68	2.90
	A0000017	641174.94	4179738.12	3.12	201.08	358.88	10.81	2.90
	A0000018	641375.97	4179742.07	3.12	166.07	358.92	10.90	2.90
	A0000019	641542.01	4179745.19	3.12	166.07	358.92	10.74	2.90
	A0000020	641708.44	4179748.33	3.12	212.08	357.20	10.69	2.90
	A0000021	641920.26	4179758.69	3.12	212.08	357.20	10.50	2.90
	A0000022	642132.28	4179769.06	3.12	109.40	356.38	10.69	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARRO	A0000023	642240.38	4179791.65	0.00	65.07	357.33	10.66	2.90
	A0000024	642305.38	4179794.68	0.00	65.07	357.33	10.56	2.90
	A0000025	642370.38	4179797.71	0.00	98.32	357.26	10.60	2.90
	A0000026	642468.66	4179802.42	0.00	54.41	356.41	10.64	2.90
	A0000027	642522.92	4179805.82	0.00	78.77	356.89	10.54	2.90
	A0000028	642601.55	4179810.09	0.00	76.39	357.14	10.35	2.90
	A0000029	642677.85	4179813.91	0.00	76.39	357.14	9.91	2.90
	A0000030	642754.14	4179817.73	0.00	58.61	357.16	9.67	2.90
	A0000031	642812.68	4179820.63	0.00	58.61	357.16	9.22	2.90
	A0000032	642871.22	4179823.54	0.00	63.28	357.10	9.01	2.90
	A0000033	642934.42	4179826.74	0.00	63.28	357.10	8.67	2.90
	A0000034	642997.63	4179829.94	0.00	61.60	357.02	8.39	2.90
	A0000035	643059.15	4179833.15	0.00	72.77	356.96	8.14	2.90
	A0000036	643131.82	4179837.00	0.00	72.77	356.96	8.08	2.90
	A0000037	643204.48	4179840.86	0.00	72.77	356.96	7.77	2.90
	A0000038	643277.16	4179844.71	0.00	52.03	356.80	7.73	2.90
	A0000039	643328.78	4179847.61	0.00	45.02	0.64	7.75	2.90
	A0000040	643373.19	4179847.15	0.00	33.11	7.64	7.77	2.90
	A0000041	643405.51	4179842.84	0.00	24.60	13.38	8.11	2.90
	A0000042	643429.09	4179837.25	0.00	66.38	17.65	8.19	2.90
	A0000043	643492.45	4179817.09	0.00	18.99	16.38	8.49	2.90
	A0000044	643510.91	4179811.68	0.00	22.76	13.58	8.32	2.90
	A0000045	643533.51	4179806.24	0.00	25.16	8.06	7.92	2.90
	A0000046	643558.90	4179802.67	0.00	25.46	2.41	7.59	2.90
	A0000047	643584.62	4179801.59	0.00	84.32	359.21	7.31	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000048	643668.94	4179802.76	0.00	84.32	359.21	7.02	2.90
	A0000049	643753.25	4179803.93	0.00	84.32	359.21	6.74	2.90
	A0000050	643837.59	4179805.10	0.00	93.35	358.79	6.68	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
HWY205	A0000051	639918.75	4180875.50	3.12	71.52	353.38	9.02	2.90
	A0000052	639988.87	4180883.65	3.12	87.00	355.60	8.61	2.90
	A0000053	640074.28	4180890.26	3.12	356.58	358.79	8.48	2.90
	A0000054	640430.78	4180897.79	3.12	356.58	358.79	8.49	2.90
	A0000055	640787.28	4180905.32	3.12	356.58	358.79	8.59	2.90
	A0000056	641143.74	4180912.85	3.12	419.10	358.90	8.51	2.90
	A0000057	641562.76	4180920.92	3.12	419.10	358.90	7.64	2.90
	A0000058	641981.75	4180929.00	3.12	323.51	358.99	8.25	2.90
	A0000059	642305.20	4180934.67	3.12	323.51	358.99	7.12	2.90
	A0000060	642628.81	4180940.35	3.12	380.65	358.64	6.75	2.90
	A0000061	643009.35	4180949.36	3.12	380.65	358.64	7.27	2.90
	A0000062	643389.79	4180958.37	3.12	387.08	358.90	7.83	2.90
	A0000063	643776.79	4180965.78	3.12	387.08	358.90	6.85	2.90
	A0000064	644163.80	4180973.19	3.12	387.08	358.90	6.95	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
DESCADERO_N	A0000065	641847.29	4180586.89	3.12	110.13	178.53	8.24	2.90
	A0000066	641737.20	4180584.07	3.12	110.13	178.53	7.84	2.90
	A0000067	641627.23	4180581.25	3.12	84.86	179.50	7.85	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
'ESCADERO_N	A0000068	641542.37	4180580.50	3.12	84.86	179.50	7.92	2.90
	A0000069	641457.43	4180579.75	3.12	88.62	178.78	7.94	2.90
	A0000070	641368.82	4180577.86	3.12	88.62	178.78	7.95	2.90
	A0000071	641280.21	4180575.97	3.12	121.01	178.71	8.03	2.90
	A0000072	641159.23	4180573.24	3.12	121.01	178.71	8.36	2.90
'ESCADERO_W	A0000073	641038.01	4180569.57	3.12	138.39	178.61	8.65	2.90
	A0000074	640899.67	4180566.21	3.12	135.47	178.69	8.95	2.90
	A0000075	640764.23	4180563.11	3.12	105.36	178.62	8.75	2.90
	A0000076	640658.90	4180560.57	3.12	105.36	178.62	8.97	2.90
	A0000077	640553.62	4180558.04	3.12	141.17	178.94	9.02	2.90
	A0000078	640412.47	4180555.42	3.12	141.17	178.94	8.61	2.90
	A0000079	640271.46	4180552.80	3.12	121.19	179.93	8.11	2.90
	A0000080	640150.28	4180552.65	3.12	121.19	179.93	7.70	2.90
	A0000081	640029.09	4180552.50	3.12	121.19	179.93	7.77	2.90
	RANT_NARRO	A0000082	643930.92	4179807.08	0.00	93.35	358.79	6.50
A0000083		644024.26	4179809.05	0.00	93.35	358.79	6.50	2.90
A0000084		644117.59	4179811.03	0.00	93.35	358.79	6.49	2.90
A0000085		644210.92	4179813.00	0.00	93.35	358.79	6.58	2.90
A0000086		644303.93	4179814.98	0.00	77.49	2.37	6.83	2.90
A0000087		644381.29	4179811.78	0.00	86.23	3.14	6.69	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000088	644467.39	4179807.06	0.00	86.23	3.14	6.78	2.90
	A0000089	644553.50	4179802.34	0.00	86.23	3.14	6.78	2.90
	A0000090	644639.48	4179797.63	0.00	93.70	4.54	6.67	2.90
	A0000091	644732.89	4179790.20	0.00	93.70	4.54	6.64	2.90
	A0000092	644826.30	4179782.78	0.00	93.70	4.54	6.68	2.90

Receptor Pathway

AERMOD

Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Discrete Cartesian Receptors

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	642423.59	4180906.20		5.74	
2	642441.65	4180909.13		5.71	
3	642480.08	4180894.46		6.83	
4	642519.76	4180888.29		5.42	
5	642566.51	4180882.54		5.07	
6	642626.31	4180850.18		5.27	
7	642669.21	4180807.50		4.70	
8	642766.30	4180717.00		5.31	
9	642864.59	4180554.77		5.81	
10	642843.70	4180532.79		5.99	
11	642612.01	4179848.87		9.81	
12	642624.90	4179791.78		10.39	
13	642639.86	4179791.65		10.35	
14	642667.43	4179795.46		9.94	
15	642693.29	4179797.16		9.84	
16	642728.95	4179797.77		9.79	
17	642798.23	4179801.48		9.03	
18	642838.25	4179796.55		8.93	
19	642873.35	4179801.20		8.83	
20	642903.14	4179804.04		8.64	
21	642861.85	4179877.44		8.79	
22	642915.46	4179883.14		9.24	
23	642889.34	4179922.70		8.80	
24	642916.53	4179957.30		8.35	
25	642846.92	4180017.86		8.29	
26	642969.73	4179932.63		8.53	
27	642984.82	4179936.19		8.37	
28	643006.43	4179931.45		8.58	
29	643027.44	4179882.32		8.62	
30	642942.74	4179809.51		8.49	

Receptor Pathway

AERMOD

31	642986.00	4179809.05	8.33
32	643009.48	4179802.10	8.33
33	643092.88	4179800.30	7.67
34	643107.73	4179811.01	7.72
35	643138.65	4179813.25	8.23
36	643123.91	4179779.64	8.25
37	643160.42	4179780.20	8.27
38	643175.36	4179761.55	8.29
39	643163.42	4179763.67	8.32
40	643139.64	4179753.74	8.35
41	643144.44	4179746.59	8.39
42	643213.32	4179778.97	8.13
43	643220.99	4179818.86	7.81
44	643231.24	4179817.25	7.83
45	643195.08	4179812.50	7.85
46	643266.55	4179806.39	7.79
47	643225.65	4179758.26	8.28
48	643235.56	4179763.82	8.27
49	643180.87	4179738.16	8.54
50	643132.53	4179699.67	8.87
51	643117.14	4179693.48	8.81
52	643101.08	4179686.86	8.98
53	643069.34	4179691.13	9.02
54	643077.53	4179710.91	8.88
55	643018.96	4179438.01	10.05
56	643084.59	4179523.29	9.74
57	643123.69	4179508.56	9.65
58	643205.32	4179504.68	9.73
59	643205.63	4179524.47	9.49
60	643228.04	4179453.82	9.60
61	643191.32	4179422.31	9.37
62	643156.40	4179471.78	9.88
63	643267.56	4179525.34	9.42
64	643239.54	4179565.68	9.28
65	643269.96	4179568.47	9.13
66	643276.56	4179548.69	9.25
67	643304.54	4179598.63	8.34
68	643198.44	4179596.54	9.10

Receptor Pathway

AERMOD

69	643165.27	4179587.66	9.05
70	643279.62	4179642.39	8.41
71	643342.12	4179677.63	8.40
72	643365.52	4179686.82	8.14
73	643412.02	4179712.59	8.03
74	643426.83	4179720.88	8.06
75	643443.06	4179763.53	7.71
76	643462.19	4179738.10	7.72
77	643477.05	4179744.65	7.75
78	643609.19	4179779.40	6.99
79	643581.34	4179779.40	7.10
80	643486.28	4179690.48	7.69
81	643461.70	4179683.07	7.85
82	643435.58	4179649.08	7.89
83	643445.96	4179656.83	7.86
84	643433.08	4179668.66	7.88
85	643472.43	4179636.73	7.74
86	643467.63	4179586.55	7.66
87	643474.60	4179575.24	7.82
88	643488.40	4179549.74	7.60
89	644226.05	4179433.08	7.30
90	643856.00	4179782.95	6.39
91	643894.54	4179783.96	6.19
92	643904.86	4179771.37	6.11
93	643902.09	4179750.97	6.08
94	643884.46	4179690.78	6.26
95	643988.56	4178601.40	11.42
96	643970.67	4178600.51	11.44
97	643953.35	4178599.84	11.46
98	643940.61	4178583.63	11.57
99	643898.25	4178561.06	11.56
100	643882.49	4178560.50	11.54
101	643868.08	4178560.61	11.50
102	643850.61	4178477.15	12.36
103	643802.93	4178519.25	11.99
104	643566.21	4178374.81	12.85
105	642899.11	4178625.63	13.25
106	642861.77	4178630.37	13.35

Receptor Pathway

AERMOD

107	642634.32	4178208.71	14.34
108	642761.13	4178115.10	14.42
109	642021.23	4178205.01	14.76
110	641455.17	4178051.75	15.53
111	640663.35	4177956.52	16.03
112	640591.80	4177954.95	16.27
113	640596.52	4177721.41	16.97
114	640657.83	4177883.48	16.30
115	640682.46	4177911.49	16.15
116	640695.49	4177909.55	16.19
117	640717.22	4177907.62	16.19
118	640718.67	4177867.06	16.41
119	640699.36	4177856.92	16.47
120	640661.69	4177868.02	16.36
121	640679.07	4177800.90	16.71
122	640699.84	4177807.66	16.56
123	640721.09	4177809.59	16.64
124	640660.72	4177772.41	16.71
125	640702.74	4177753.09	16.93
126	640669.42	4177758.89	16.73
127	640743.35	4177756.71	16.91
128	640801.27	4177764.04	16.95
129	640850.11	4177764.04	16.95
130	640883.26	4177755.67	16.90
131	640884.30	4177764.39	16.93
132	640885.00	4177773.81	16.93
133	640885.00	4177782.53	16.93
134	640883.26	4177791.95	16.90
135	640916.40	4177756.36	16.97
136	640946.76	4177754.97	16.87
137	640947.11	4177767.88	16.73
138	640916.75	4177765.78	16.94
139	640946.06	4177777.65	16.71
140	640917.80	4177775.20	16.88
141	640945.36	4177787.42	16.70
142	640917.80	4177784.97	16.88
143	640914.31	4177804.16	16.85
144	640916.40	4177794.39	16.87

Receptor Pathway

AERMOD

145	640943.62	4177804.86	16.66
146	640945.71	4177795.79	16.69
147	640979.90	4177758.81	16.68
148	640978.16	4177769.27	16.64
149	640976.41	4177776.95	16.63
150	640978.16	4177792.30	16.53
151	640978.85	4177801.02	16.50
152	640977.81	4177809.40	16.48
153	640978.51	4177820.56	16.46
154	640977.81	4177828.59	16.44
155	640879.77	4177800.67	16.84
156	640883.61	4177813.23	16.81
157	640885.35	4177824.75	16.84
158	640915.24	4177814.31	16.81
159	640945.30	4177816.13	16.60
160	640947.12	4177825.60	16.60
161	640915.97	4177824.87	16.78
162	640916.34	4177835.07	16.75
163	640946.57	4177835.98	16.57
164	640946.75	4177845.63	16.52
165	640915.61	4177844.18	16.73
166	640879.91	4177832.52	16.80
167	640885.19	4177842.36	16.74
168	640884.46	4177851.64	16.68
169	640916.34	4177852.74	16.71
170	640945.30	4177854.74	16.47
171	640945.48	4177863.12	16.45
172	640915.06	4177861.30	16.67
173	640883.19	4177861.12	16.61
174	640883.92	4177871.31	16.54
175	640885.38	4177879.87	16.49
176	640883.19	4177890.80	16.49
177	640915.97	4177871.68	16.61
178	640914.88	4177881.70	16.58
179	640944.20	4177871.86	16.44
180	640945.30	4177883.15	16.39
181	640944.57	4177893.17	16.37
182	640913.61	4177888.98	16.55

Receptor Pathway

AERMOD

183	640913.61	4177898.82	16.54
184	640944.20	4177902.46	16.38
185	640911.97	4177907.92	16.48
186	640944.75	4177911.02	16.35
187	640975.17	4177909.38	16.22
188	640976.99	4177900.64	16.25
189	640976.62	4177891.35	16.28
190	640978.44	4177881.51	16.26
191	640978.26	4177870.77	16.30
192	640980.08	4177860.39	16.31
193	640979.17	4177841.08	16.36
194	641027.15	4177771.72	16.80
195	641097.01	4177769.15	16.46
196	641050.94	4177776.86	16.58
197	641106.22	4177834.93	16.34
198	641112.42	4177909.52	15.89
199	641020.43	4177904.78	16.35
200	641092.38	4177966.96	15.79
201	640555.64	4178224.82	14.68
202	640382.10	4178168.75	15.06
203	640295.47	4178186.85	14.80
204	640289.24	4178169.94	14.93
205	640520.34	4178237.28	14.56
206	640568.99	4178242.62	14.68
207	642421.71	4179614.03	11.33
208	642419.19	4179586.04	11.55
209	641230.76	4179694.87	11.83
210	641806.79	4179870.63	10.26
211	641825.54	4179856.53	10.36
212	641492.88	4179824.18	10.67
213	641482.98	4179806.49	10.62
214	641401.40	4179805.19	10.73
215	641322.12	4179800.31	10.62
216	641199.49	4179789.22	10.67
217	641226.51	4179799.31	10.67
218	641254.87	4179804.73	10.50
219	641284.46	4179798.64	10.58
220	640672.91	4179804.60	10.57

Receptor Pathway

AERMOD

221	640909.50	4179873.06	10.45
222	640576.50	4179834.99	10.64
223	640471.40	4179791.88	10.57
224	640443.73	4179783.09	10.83
225	640490.06	4179808.83	10.59
226	640298.17	4179708.55	10.87
227	642150.64	4181339.61	4.85
228	642186.00	4181418.01	7.29
229	642076.74	4181423.01	4.93
230	642050.52	4181423.14	4.58
231	642015.47	4181420.37	4.60
232	642015.07	4181445.02	4.71
233	642806.07	4181128.16	4.97
234	643211.49	4181300.90	4.80
235	643199.12	4181323.37	4.79
236	643298.61	4181300.90	4.44
237	643326.13	4181311.50	4.53
238	643346.84	4181318.07	4.50
239	643321.08	4181355.19	5.00
240	643007.36	4181415.17	5.45
241	643051.46	4181483.78	5.49
242	643044.62	4181536.90	5.24
243	643074.82	4181735.00	4.31
244	643086.22	4182094.01	4.58
245	643112.32	4182105.50	4.56
246	643546.53	4181985.18	4.06
247	643513.62	4181994.64	3.90
248	643562.16	4182026.32	4.07
249	643691.88	4181951.64	4.69
250	644094.39	4181935.13	4.86
251	644141.12	4181899.90	4.90
252	644267.45	4181934.22	4.95
253	644287.49	4181943.88	4.85
254	644292.76	4181965.65	4.78
255	644292.05	4182056.81	6.89
256	642259.02	4181880.67	7.16
257	642310.80	4181936.64	7.27
258	642273.02	4181956.93	7.39

Receptor Pathway

AERMOD

259	642495.22	4182060.53	5.17
260	642520.63	4182128.95	4.82
261	642460.07	4182152.93	4.89
262	642395.94	4182171.85	4.89
263	642354.64	4182180.55	4.85
264	642309.47	4182187.07	4.89
265	642280.75	4182195.60	5.04
266	642284.96	4182251.52	5.06
267	642294.26	4182270.05	5.02
268	642091.45	4182315.72	5.07
269	641887.74	4182399.30	5.07
270	641273.71	4181787.58	6.87
271	641291.66	4181761.78	6.62
272	641217.11	4181351.16	5.94
273	640660.60	4181335.03	6.14
274	640788.06	4181343.64	5.94
275	640803.39	4181338.45	5.94
276	640649.98	4181397.27	5.41
277	640648.73	4182240.43	4.11
278	640586.47	4181956.43	4.05
279	640547.21	4181955.64	4.18
280	643437.92	4180843.06	2.54
281	643481.97	4180898.97	2.54
282	643433.96	4180777.27	2.63
283	643661.26	4180799.81	3.40
284	643358.63	4179948.56	7.24
285	643364.90	4179934.14	7.30
286	643369.06	4180042.08	8.11
287	643467.43	4180035.35	8.23
288	643303.09	4180066.52	6.80
289	643292.53	4180113.09	6.82
290	643351.83	4180094.85	6.59
291	643450.64	4180097.01	6.22
292	643491.34	4180094.80	7.11
293	643349.76	4180163.14	6.28
294	643408.25	4180231.85	5.77
295	643467.32	4180253.70	5.80
296	643521.65	4180278.59	5.50

Receptor Pathway

AERMOD

297	643572.31	4180303.75		5.37
298	643533.46	4180366.45		5.09
299	643621.79	4180419.99		8.03
300	643700.62	4180460.54		7.92
301	643875.45	4180553.54		7.92
302	643262.17	4179872.86		7.65
303	644358.55	4178997.60		8.74
304	644360.03	4179117.34		8.37
305	644400.66	4179118.33		8.38
306	644391.43	4179183.34		8.30
307	644346.19	4179235.67		8.00
308	644358.03	4179295.58		7.62
309	644377.37	4179348.51		7.39
310	644370.04	4179426.85		7.14
311	644366.28	4179467.77		6.98
312	644392.01	4179558.11		6.89
313	644363.59	4179543.35		6.81
314	644353.27	4179624.50		6.82
315	644348.20	4179699.91		6.66
316	644350.67	4179777.56		6.55
317	643056.95	4179847.93	FENCEPRI	8.07
318	643249.62	4179856.27	FENCEPRI	7.72
319	643244.70	4179977.45	FENCEPRI	7.48
320	643320.11	4179981.67	FENCEPRI	7.10
321	643317.62	4180052.81	FENCEPRI	6.83
322	643048.31	4180042.53	FENCEPRI	7.22
323	643061.89	4179848.14	FENCEINT	7.88
324	643066.83	4179848.36	FENCEINT	7.82
325	643071.77	4179848.57	FENCEINT	7.83
326	643076.71	4179848.79	FENCEINT	7.80
327	643081.65	4179849.00	FENCEINT	7.76
328	643086.59	4179849.21	FENCEINT	7.74
329	643091.53	4179849.43	FENCEINT	7.72
330	643096.47	4179849.64	FENCEINT	7.71
331	643101.41	4179849.85	FENCEINT	7.70
332	643106.35	4179850.07	FENCEINT	7.70
333	643111.29	4179850.28	FENCEINT	7.73
334	643116.23	4179850.50	FENCEINT	7.74

Receptor Pathway

AERMOD

335	643121.17	4179850.71	FENCEINT	7.75
336	643126.11	4179850.92	FENCEINT	7.75
337	643131.05	4179851.14	FENCEINT	7.75
338	643135.99	4179851.35	FENCEINT	7.76
339	643140.93	4179851.57	FENCEINT	7.75
340	643145.87	4179851.78	FENCEINT	7.74
341	643150.81	4179851.99	FENCEINT	7.77
342	643155.76	4179852.21	FENCEINT	7.81
343	643160.70	4179852.42	FENCEINT	7.85
344	643165.64	4179852.63	FENCEINT	7.87
345	643170.58	4179852.85	FENCEINT	7.88
346	643175.52	4179853.06	FENCEINT	7.87
347	643180.46	4179853.28	FENCEINT	7.87
348	643185.40	4179853.49	FENCEINT	7.88
349	643190.34	4179853.70	FENCEINT	7.87
350	643195.28	4179853.92	FENCEINT	7.87
351	643200.22	4179854.13	FENCEINT	7.86
352	643205.16	4179854.35	FENCEINT	7.86
353	643210.10	4179854.56	FENCEINT	7.86
354	643215.04	4179854.77	FENCEINT	7.85
355	643219.98	4179854.99	FENCEINT	7.83
356	643224.92	4179855.20	FENCEINT	7.82
357	643229.86	4179855.41	FENCEINT	7.80
358	643234.80	4179855.63	FENCEINT	7.79
359	643239.74	4179855.84	FENCEINT	7.77
360	643244.68	4179856.06	FENCEINT	7.74
361	643249.42	4179861.12	FENCEINT	7.68
362	643249.23	4179865.96	FENCEINT	7.67
363	643249.03	4179870.81	FENCEINT	7.66
364	643248.83	4179875.66	FENCEINT	7.65
365	643248.64	4179880.51	FENCEINT	7.64
366	643248.44	4179885.35	FENCEINT	7.63
367	643248.24	4179890.20	FENCEINT	7.63
368	643248.05	4179895.05	FENCEINT	7.63
369	643247.85	4179899.89	FENCEINT	7.63
370	643247.65	4179904.74	FENCEINT	7.64
371	643247.46	4179909.59	FENCEINT	7.64
372	643247.26	4179914.44	FENCEINT	7.66

Receptor Pathway

AERMOD

373	643247.06	4179919.28	FENCEINT	7.69
374	643246.86	4179924.13	FENCEINT	7.71
375	643246.67	4179928.98	FENCEINT	7.67
376	643246.47	4179933.83	FENCEINT	7.64
377	643246.27	4179938.67	FENCEINT	7.62
378	643246.08	4179943.52	FENCEINT	7.59
379	643245.88	4179948.37	FENCEINT	7.56
380	643245.68	4179953.21	FENCEINT	7.53
381	643245.49	4179958.06	FENCEINT	7.50
382	643245.29	4179962.91	FENCEINT	7.48
383	643245.09	4179967.76	FENCEINT	7.48
384	643244.90	4179972.60	FENCEINT	7.48
385	643249.41	4179977.71	FENCEINT	7.48
386	643254.13	4179977.98	FENCEINT	7.45
387	643258.84	4179978.24	FENCEINT	7.42
388	643263.55	4179978.51	FENCEINT	7.37
389	643268.27	4179978.77	FENCEINT	7.32
390	643272.98	4179979.03	FENCEINT	7.28
391	643277.69	4179979.30	FENCEINT	7.23
392	643282.41	4179979.56	FENCEINT	7.19
393	643287.12	4179979.82	FENCEINT	7.15
394	643291.83	4179980.09	FENCEINT	7.11
395	643296.54	4179980.35	FENCEINT	7.08
396	643301.26	4179980.62	FENCEINT	7.07
397	643305.97	4179980.88	FENCEINT	7.07
398	643310.68	4179981.14	FENCEINT	7.07
399	643315.40	4179981.41	FENCEINT	7.08
400	643319.94	4179986.41	FENCEINT	7.15
401	643319.78	4179991.16	FENCEINT	7.11
402	643319.61	4179995.90	FENCEINT	7.07
403	643319.45	4180000.64	FENCEINT	7.04
404	643319.28	4180005.38	FENCEINT	7.01
405	643319.11	4180010.13	FENCEINT	6.98
406	643318.95	4180014.87	FENCEINT	6.96
407	643318.78	4180019.61	FENCEINT	6.94
408	643318.62	4180024.35	FENCEINT	6.93
409	643318.45	4180029.10	FENCEINT	6.92
410	643318.28	4180033.84	FENCEINT	6.92

Receptor Pathway

AERMOD

411	643318.12	4180038.58	FENCEINT	6.91
412	643317.95	4180043.32	FENCEINT	6.88
413	643317.79	4180048.07	FENCEINT	6.84
414	643312.63	4180052.62	FENCEINT	6.84
415	643307.65	4180052.43	FENCEINT	6.88
416	643302.66	4180052.24	FENCEINT	6.93
417	643297.67	4180052.05	FENCEINT	6.97
418	643292.68	4180051.86	FENCEINT	7.02
419	643287.70	4180051.67	FENCEINT	7.07
420	643282.71	4180051.48	FENCEINT	7.13
421	643277.72	4180051.29	FENCEINT	7.17
422	643272.74	4180051.10	FENCEINT	7.21
423	643267.75	4180050.91	FENCEINT	7.19
424	643262.76	4180050.72	FENCEINT	7.16
425	643257.77	4180050.53	FENCEINT	7.07
426	643252.79	4180050.34	FENCEINT	7.04
427	643247.80	4180050.14	FENCEINT	7.02
428	643242.81	4180049.95	FENCEINT	7.02
429	643237.82	4180049.76	FENCEINT	7.04
430	643232.84	4180049.57	FENCEINT	7.10
431	643227.85	4180049.38	FENCEINT	7.16
432	643222.86	4180049.19	FENCEINT	7.23
433	643217.88	4180049.00	FENCEINT	7.25
434	643212.89	4180048.81	FENCEINT	7.27
435	643207.90	4180048.62	FENCEINT	7.28
436	643202.91	4180048.43	FENCEINT	7.29
437	643197.93	4180048.24	FENCEINT	7.30
438	643192.94	4180048.05	FENCEINT	7.29
439	643187.95	4180047.86	FENCEINT	7.29
440	643182.97	4180047.67	FENCEINT	7.28
441	643177.98	4180047.48	FENCEINT	7.28
442	643172.99	4180047.29	FENCEINT	7.28
443	643168.00	4180047.10	FENCEINT	7.27
444	643163.02	4180046.91	FENCEINT	7.26
445	643158.03	4180046.72	FENCEINT	7.24
446	643153.04	4180046.53	FENCEINT	7.22
447	643148.05	4180046.34	FENCEINT	7.19
448	643143.07	4180046.15	FENCEINT	7.17

Receptor Pathway

AERMOD

449	643138.08	4180045.96	FENCEINT	7.14
450	643133.09	4180045.77	FENCEINT	7.11
451	643128.11	4180045.58	FENCEINT	7.10
452	643123.12	4180045.39	FENCEINT	7.09
453	643118.13	4180045.20	FENCEINT	7.10
454	643113.14	4180045.00	FENCEINT	7.11
455	643108.16	4180044.81	FENCEINT	7.11
456	643103.17	4180044.62	FENCEINT	7.13
457	643098.18	4180044.43	FENCEINT	7.14
458	643093.20	4180044.24	FENCEINT	7.15
459	643088.21	4180044.05	FENCEINT	7.15
460	643083.22	4180043.86	FENCEINT	7.15
461	643078.23	4180043.67	FENCEINT	7.16
462	643073.25	4180043.48	FENCEINT	7.16
463	643068.26	4180043.29	FENCEINT	7.16
464	643063.27	4180043.10	FENCEINT	7.16
465	643058.28	4180042.91	FENCEINT	7.17
466	643053.30	4180042.72	FENCEINT	7.19
467	643048.53	4180037.54	FENCEINT	7.23
468	643048.75	4180032.55	FENCEINT	7.23
469	643048.97	4180027.56	FENCEINT	7.20
470	643049.20	4180022.57	FENCEINT	7.17
471	643049.42	4180017.58	FENCEINT	7.17
472	643049.64	4180012.59	FENCEINT	7.16
473	643049.86	4180007.60	FENCEINT	7.17
474	643050.08	4180002.61	FENCEINT	7.17
475	643050.30	4179997.62	FENCEINT	7.19
476	643050.53	4179992.63	FENCEINT	7.21
477	643050.75	4179987.64	FENCEINT	7.21
478	643050.97	4179982.65	FENCEINT	7.21
479	643051.19	4179977.66	FENCEINT	7.23
480	643051.41	4179972.67	FENCEINT	7.26
481	643051.63	4179967.68	FENCEINT	7.31
482	643051.85	4179962.69	FENCEINT	7.37
483	643052.08	4179957.70	FENCEINT	7.48
484	643052.30	4179952.71	FENCEINT	7.61
485	643052.52	4179947.72	FENCEINT	7.67
486	643052.74	4179942.74	FENCEINT	7.70

Receptor Pathway

AERMOD

487	643052.96	4179937.75	FENCEINT	7.73
488	643053.18	4179932.76	FENCEINT	7.75
489	643053.41	4179927.77	FENCEINT	7.77
490	643053.63	4179922.78	FENCEINT	7.80
491	643053.85	4179917.79	FENCEINT	7.83
492	643054.07	4179912.80	FENCEINT	7.87
493	643054.29	4179907.81	FENCEINT	7.90
494	643054.51	4179902.82	FENCEINT	7.92
495	643054.73	4179897.83	FENCEINT	7.94
496	643054.96	4179892.84	FENCEINT	7.96
497	643055.18	4179887.85	FENCEINT	7.97
498	643055.40	4179882.86	FENCEINT	7.96
499	643055.62	4179877.87	FENCEINT	7.95
500	643055.84	4179872.88	FENCEINT	7.94
501	643056.06	4179867.89	FENCEINT	7.95
502	643056.29	4179862.90	FENCEINT	7.98
503	643056.51	4179857.91	FENCEINT	8.01
504	643056.73	4179852.92	FENCEINT	8.03
505	644709.80	4181175.99		5.24
506	643845.20	4181463.75		7.71
507	644330.00	4180865.21		4.60
508	644452.33	4180865.29		5.27
509	644512.10	4180798.27		7.93
510	644319.84	4180764.59		4.35
511	644308.04	4180746.23		4.90
512	644138.04	4180612.81		5.41
513	644879.84	4180073.43		6.41
514	644852.72	4180057.70		6.58
515	644815.58	4180084.08		6.54
516	644434.45	4179763.78		6.41
517	644480.49	4179753.87		6.37
518	644533.82	4179754.07		6.24
519	644572.15	4179751.45		6.22
520	644614.87	4179749.47		6.36
521	644666.65	4179744.39		6.25
522	644709.75	4179741.55		6.42
523	644654.65	4179684.42		6.98
524	644756.54	4179741.37		6.28

Receptor Pathway

AERMOD

525	644802.88	4179734.95	6.43
526	644438.45	4179613.05	6.74
527	644419.90	4179655.61	6.44
528	644515.31	4179578.76	6.95
529	644568.92	4179611.72	6.77
530	644632.74	4179604.09	6.97
531	644622.52	4179628.84	6.75
532	644692.02	4179626.72	6.77
533	644715.72	4179622.20	6.74
534	644736.91	4179575.92	6.98
535	644896.13	4179734.33	6.68
536	644890.29	4179678.94	6.88
537	644870.72	4179630.27	6.88
538	644844.88	4179581.26	6.89
539	644811.63	4179524.16	7.12
540	644888.52	4179486.80	7.31
541	644843.91	4179447.63	7.35
542	644751.04	4179453.34	7.24
543	644687.08	4179421.77	7.25
544	644651.04	4179382.11	7.43
545	644781.49	4179374.57	7.52
546	644638.75	4179524.00	6.77
547	644704.20	4179540.46	7.02
548	644720.05	4179331.30	7.66
549	644652.73	4179276.83	7.82
550	644594.69	4179286.60	7.81
551	644553.55	4179307.88	8.03
552	644582.85	4179385.45	7.42
553	644547.59	4179463.84	7.26
554	644587.96	4179533.53	6.99
555	644464.69	4179511.51	7.11
556	644458.51	4179430.01	7.27
557	644481.84	4179451.80	7.24
558	644511.17	4179343.07	7.49
559	644422.52	4179188.89	8.22
560	644494.33	4179201.46	8.16
561	644536.24	4179160.11	8.33
562	644510.90	4179123.08	8.42

Receptor Pathway

AERMOD

563	644479.20	4179133.58	8.35
564	644448.31	4179129.95	8.47
565	644452.76	4179185.46	8.12
566	644819.26	4178110.75	12.44
567	644432.02	4178184.01	11.91
568	643789.26	4178237.48	13.01
569	643119.53	4178034.41	14.98
570	640400.83	4178086.93	15.28
571	640651.52	4182600.78	6.74
572	640381.96	4182411.74	4.34
573	640647.52	4182373.39	4.00
574	640650.54	4182298.58	4.20
575	641085.45	4182754.82	4.65
576	641137.09	4182713.73	4.54
577	644304.24	4182367.65	3.81
578	644313.47	4182401.60	3.57
579	644346.08	4182544.35	3.82
580	644342.13	4182579.51	3.77
581	644298.15	4182492.21	3.32
582	644334.86	4182819.85	3.93

Plant Boundary Receptors

Receptor Pathway

AERMOD

Cartesian Plant Boundary

Primary

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643056.95	4179847.93	FENCEPRI	8.07	
2	643249.62	4179856.27	FENCEPRI	7.72	
3	643244.70	4179977.45	FENCEPRI	7.48	
4	643320.11	4179981.67	FENCEPRI	7.10	
5	643317.62	4180052.81	FENCEPRI	6.83	
6	643048.31	4180042.53	FENCEPRI	7.22	
7	641885.60	4179786.01	FENCEPRI	10.30	
8	642293.74	4179806.10	FENCEPRI	10.41	
9	642276.59	4180549.65	FENCEPRI	7.71	
10	642315.67	4180538.68	FENCEPRI	7.78	
11	642576.93	4180840.52	FENCEPRI	5.31	
12	642354.28	4180895.71	FENCEPRI	5.94	
13	642316.66	4180890.84	FENCEPRI	6.07	
14	642115.77	4180723.80	FENCEPRI	7.00	
15	642045.99	4180714.36	FENCEPRI	7.10	
16	641925.03	4180741.35	FENCEPRI	7.28	
17	641867.13	4180579.25	FENCEPRI	8.04	

Intermediate

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643061.89	4179848.14	FENCEINT	7.88	
2	643066.83	4179848.36	FENCEINT	7.82	
3	643071.77	4179848.57	FENCEINT	7.83	
4	643076.71	4179848.79	FENCEINT	7.80	
5	643081.65	4179849.00	FENCEINT	7.76	
6	643086.59	4179849.21	FENCEINT	7.74	
7	643091.53	4179849.43	FENCEINT	7.72	
8	643096.47	4179849.64	FENCEINT	7.71	
9	643101.41	4179849.85	FENCEINT	7.70	
10	643106.35	4179850.07	FENCEINT	7.70	
11	643111.29	4179850.28	FENCEINT	7.73	
12	643116.23	4179850.50	FENCEINT	7.74	
13	643121.17	4179850.71	FENCEINT	7.75	
14	643126.11	4179850.92	FENCEINT	7.75	
15	643131.05	4179851.14	FENCEINT	7.75	
16	643135.99	4179851.35	FENCEINT	7.76	
17	643140.93	4179851.57	FENCEINT	7.75	

Receptor Pathway

AERMOD

18	643145.87	4179851.78	FENCEINT	7.74	
19	643150.81	4179851.99	FENCEINT	7.77	
20	643155.76	4179852.21	FENCEINT	7.81	
21	643160.70	4179852.42	FENCEINT	7.85	
22	643165.64	4179852.63	FENCEINT	7.87	
23	643170.58	4179852.85	FENCEINT	7.88	
24	643175.52	4179853.06	FENCEINT	7.87	
25	643180.46	4179853.28	FENCEINT	7.87	
26	643185.40	4179853.49	FENCEINT	7.88	
27	643190.34	4179853.70	FENCEINT	7.87	
28	643195.28	4179853.92	FENCEINT	7.87	
29	643200.22	4179854.13	FENCEINT	7.86	
30	643205.16	4179854.35	FENCEINT	7.86	
31	643210.10	4179854.56	FENCEINT	7.86	
32	643215.04	4179854.77	FENCEINT	7.85	
33	643219.98	4179854.99	FENCEINT	7.83	
34	643224.92	4179855.20	FENCEINT	7.82	
35	643229.86	4179855.41	FENCEINT	7.80	
36	643234.80	4179855.63	FENCEINT	7.79	
37	643239.74	4179855.84	FENCEINT	7.77	
38	643244.68	4179856.06	FENCEINT	7.74	
39	643249.42	4179861.12	FENCEINT	7.68	
40	643249.23	4179865.96	FENCEINT	7.67	
41	643249.03	4179870.81	FENCEINT	7.66	
42	643248.83	4179875.66	FENCEINT	7.65	
43	643248.64	4179880.51	FENCEINT	7.64	
44	643248.44	4179885.35	FENCEINT	7.63	
45	643248.24	4179890.20	FENCEINT	7.63	
46	643248.05	4179895.05	FENCEINT	7.63	
47	643247.85	4179899.89	FENCEINT	7.63	
48	643247.65	4179904.74	FENCEINT	7.64	
49	643247.46	4179909.59	FENCEINT	7.64	
50	643247.26	4179914.44	FENCEINT	7.66	
51	643247.06	4179919.28	FENCEINT	7.69	
52	643246.86	4179924.13	FENCEINT	7.71	
53	643246.67	4179928.98	FENCEINT	7.67	
54	643246.47	4179933.83	FENCEINT	7.64	
55	643246.27	4179938.67	FENCEINT	7.62	
56	643246.08	4179943.52	FENCEINT	7.59	
57	643245.88	4179948.37	FENCEINT	7.56	
58	643245.68	4179953.21	FENCEINT	7.53	

Receptor Pathway

AERMOD

59	643245.49	4179958.06	FENCEINT	7.50	
60	643245.29	4179962.91	FENCEINT	7.48	
61	643245.09	4179967.76	FENCEINT	7.48	
62	643244.90	4179972.60	FENCEINT	7.48	
63	643249.41	4179977.71	FENCEINT	7.48	
64	643254.13	4179977.98	FENCEINT	7.45	
65	643258.84	4179978.24	FENCEINT	7.42	
66	643263.55	4179978.51	FENCEINT	7.37	
67	643268.27	4179978.77	FENCEINT	7.32	
68	643272.98	4179979.03	FENCEINT	7.28	
69	643277.69	4179979.30	FENCEINT	7.23	
70	643282.41	4179979.56	FENCEINT	7.19	
71	643287.12	4179979.82	FENCEINT	7.15	
72	643291.83	4179980.09	FENCEINT	7.11	
73	643296.54	4179980.35	FENCEINT	7.08	
74	643301.26	4179980.62	FENCEINT	7.07	
75	643305.97	4179980.88	FENCEINT	7.07	
76	643310.68	4179981.14	FENCEINT	7.07	
77	643315.40	4179981.41	FENCEINT	7.08	
78	643319.94	4179986.41	FENCEINT	7.15	
79	643319.78	4179991.16	FENCEINT	7.11	
80	643319.61	4179995.90	FENCEINT	7.07	
81	643319.45	4180000.64	FENCEINT	7.04	
82	643319.28	4180005.38	FENCEINT	7.01	
83	643319.11	4180010.13	FENCEINT	6.98	
84	643318.95	4180014.87	FENCEINT	6.96	
85	643318.78	4180019.61	FENCEINT	6.94	
86	643318.62	4180024.35	FENCEINT	6.93	
87	643318.45	4180029.10	FENCEINT	6.92	
88	643318.28	4180033.84	FENCEINT	6.92	
89	643318.12	4180038.58	FENCEINT	6.91	
90	643317.95	4180043.32	FENCEINT	6.88	
91	643317.79	4180048.07	FENCEINT	6.84	
92	643312.63	4180052.62	FENCEINT	6.84	
93	643307.65	4180052.43	FENCEINT	6.88	
94	643302.66	4180052.24	FENCEINT	6.93	
95	643297.67	4180052.05	FENCEINT	6.97	
96	643292.68	4180051.86	FENCEINT	7.02	
97	643287.70	4180051.67	FENCEINT	7.07	
98	643282.71	4180051.48	FENCEINT	7.13	
99	643277.72	4180051.29	FENCEINT	7.17	

Receptor Pathway

AERMOD

100	643272.74	4180051.10	FENCEINT	7.21	
101	643267.75	4180050.91	FENCEINT	7.19	
102	643262.76	4180050.72	FENCEINT	7.16	
103	643257.77	4180050.53	FENCEINT	7.07	
104	643252.79	4180050.34	FENCEINT	7.04	
105	643247.80	4180050.14	FENCEINT	7.02	
106	643242.81	4180049.95	FENCEINT	7.02	
107	643237.82	4180049.76	FENCEINT	7.04	
108	643232.84	4180049.57	FENCEINT	7.10	
109	643227.85	4180049.38	FENCEINT	7.16	
110	643222.86	4180049.19	FENCEINT	7.23	
111	643217.88	4180049.00	FENCEINT	7.25	
112	643212.89	4180048.81	FENCEINT	7.27	
113	643207.90	4180048.62	FENCEINT	7.28	
114	643202.91	4180048.43	FENCEINT	7.29	
115	643197.93	4180048.24	FENCEINT	7.30	
116	643192.94	4180048.05	FENCEINT	7.29	
117	643187.95	4180047.86	FENCEINT	7.29	
118	643182.97	4180047.67	FENCEINT	7.28	
119	643177.98	4180047.48	FENCEINT	7.28	
120	643172.99	4180047.29	FENCEINT	7.28	
121	643168.00	4180047.10	FENCEINT	7.27	
122	643163.02	4180046.91	FENCEINT	7.26	
123	643158.03	4180046.72	FENCEINT	7.24	
124	643153.04	4180046.53	FENCEINT	7.22	
125	643148.05	4180046.34	FENCEINT	7.19	
126	643143.07	4180046.15	FENCEINT	7.17	
127	643138.08	4180045.96	FENCEINT	7.14	
128	643133.09	4180045.77	FENCEINT	7.11	
129	643128.11	4180045.58	FENCEINT	7.10	
130	643123.12	4180045.39	FENCEINT	7.09	
131	643118.13	4180045.20	FENCEINT	7.10	
132	643113.14	4180045.00	FENCEINT	7.11	
133	643108.16	4180044.81	FENCEINT	7.11	
134	643103.17	4180044.62	FENCEINT	7.13	
135	643098.18	4180044.43	FENCEINT	7.14	
136	643093.20	4180044.24	FENCEINT	7.15	
137	643088.21	4180044.05	FENCEINT	7.15	
138	643083.22	4180043.86	FENCEINT	7.15	
139	643078.23	4180043.67	FENCEINT	7.16	
140	643073.25	4180043.48	FENCEINT	7.16	

Receptor Pathway

AERMOD

141	643068.26	4180043.29	FENCEINT	7.16	
142	643063.27	4180043.10	FENCEINT	7.16	
143	643058.28	4180042.91	FENCEINT	7.17	
144	643053.30	4180042.72	FENCEINT	7.19	
145	643048.53	4180037.54	FENCEINT	7.23	
146	643048.75	4180032.55	FENCEINT	7.23	
147	643048.97	4180027.56	FENCEINT	7.20	
148	643049.20	4180022.57	FENCEINT	7.17	
149	643049.42	4180017.58	FENCEINT	7.17	
150	643049.64	4180012.59	FENCEINT	7.16	
151	643049.86	4180007.60	FENCEINT	7.17	
152	643050.08	4180002.61	FENCEINT	7.17	
153	643050.30	4179997.62	FENCEINT	7.19	
154	643050.53	4179992.63	FENCEINT	7.21	
155	643050.75	4179987.64	FENCEINT	7.21	
156	643050.97	4179982.65	FENCEINT	7.21	
157	643051.19	4179977.66	FENCEINT	7.23	
158	643051.41	4179972.67	FENCEINT	7.26	
159	643051.63	4179967.68	FENCEINT	7.31	
160	643051.85	4179962.69	FENCEINT	7.37	
161	643052.08	4179957.70	FENCEINT	7.48	
162	643052.30	4179952.71	FENCEINT	7.61	
163	643052.52	4179947.72	FENCEINT	7.67	
164	643052.74	4179942.74	FENCEINT	7.70	
165	643052.96	4179937.75	FENCEINT	7.73	
166	643053.18	4179932.76	FENCEINT	7.75	
167	643053.41	4179927.77	FENCEINT	7.77	
168	643053.63	4179922.78	FENCEINT	7.80	
169	643053.85	4179917.79	FENCEINT	7.83	
170	643054.07	4179912.80	FENCEINT	7.87	
171	643054.29	4179907.81	FENCEINT	7.90	
172	643054.51	4179902.82	FENCEINT	7.92	
173	643054.73	4179897.83	FENCEINT	7.94	
174	643054.96	4179892.84	FENCEINT	7.96	
175	643055.18	4179887.85	FENCEINT	7.97	
176	643055.40	4179882.86	FENCEINT	7.96	
177	643055.62	4179877.87	FENCEINT	7.95	
178	643055.84	4179872.88	FENCEINT	7.94	
179	643056.06	4179867.89	FENCEINT	7.95	
180	643056.29	4179862.90	FENCEINT	7.98	
181	643056.51	4179857.91	FENCEINT	8.01	

Receptor Pathway

AERMOD

182	643056.73	4179852.92	FENCEINT	8.03	
183	641890.58	4179786.26	FENCEINT	10.31	
184	641895.55	4179786.50	FENCEINT	10.32	
185	641900.53	4179786.75	FENCEINT	10.34	
186	641905.51	4179786.99	FENCEINT	10.37	
187	641910.49	4179787.24	FENCEINT	10.38	
188	641915.46	4179787.48	FENCEINT	10.39	
189	641920.44	4179787.73	FENCEINT	10.41	
190	641925.42	4179787.97	FENCEINT	10.42	
191	641930.40	4179788.22	FENCEINT	10.44	
192	641935.37	4179788.46	FENCEINT	10.44	
193	641940.35	4179788.71	FENCEINT	10.44	
194	641945.33	4179788.95	FENCEINT	10.43	
195	641950.31	4179789.20	FENCEINT	10.44	
196	641955.28	4179789.44	FENCEINT	10.45	
197	641960.26	4179789.69	FENCEINT	10.48	
198	641965.24	4179789.93	FENCEINT	10.51	
199	641970.21	4179790.18	FENCEINT	10.53	
200	641975.19	4179790.42	FENCEINT	10.55	
201	641980.17	4179790.67	FENCEINT	10.56	
202	641985.15	4179790.91	FENCEINT	10.56	
203	641990.12	4179791.16	FENCEINT	10.56	
204	641995.10	4179791.40	FENCEINT	10.56	
205	642000.08	4179791.65	FENCEINT	10.57	
206	642005.06	4179791.89	FENCEINT	10.58	
207	642010.03	4179792.14	FENCEINT	10.59	
208	642015.01	4179792.38	FENCEINT	10.61	
209	642019.99	4179792.63	FENCEINT	10.63	
210	642024.96	4179792.87	FENCEINT	10.61	
211	642029.94	4179793.12	FENCEINT	10.59	
212	642034.92	4179793.36	FENCEINT	10.57	
213	642039.90	4179793.61	FENCEINT	10.56	
214	642044.87	4179793.85	FENCEINT	10.56	
215	642049.85	4179794.10	FENCEINT	10.56	
216	642054.83	4179794.34	FENCEINT	10.56	
217	642059.81	4179794.59	FENCEINT	10.56	
218	642064.78	4179794.83	FENCEINT	10.56	
219	642069.76	4179795.08	FENCEINT	10.56	
220	642074.74	4179795.32	FENCEINT	10.55	
221	642079.72	4179795.57	FENCEINT	10.55	
222	642084.69	4179795.81	FENCEINT	10.53	

Receptor Pathway

AERMOD

223	642089.67	4179796.06	FENCEINT	10.51	
224	642094.65	4179796.30	FENCEINT	10.49	
225	642099.62	4179796.55	FENCEINT	10.47	
226	642104.60	4179796.79	FENCEINT	10.45	
227	642109.58	4179797.04	FENCEINT	10.43	
228	642114.56	4179797.28	FENCEINT	10.41	
229	642119.53	4179797.53	FENCEINT	10.40	
230	642124.51	4179797.77	FENCEINT	10.37	
231	642129.49	4179798.02	FENCEINT	10.34	
232	642134.47	4179798.26	FENCEINT	10.32	
233	642139.44	4179798.51	FENCEINT	10.30	
234	642144.42	4179798.75	FENCEINT	10.29	
235	642149.40	4179799.00	FENCEINT	10.29	
236	642154.38	4179799.24	FENCEINT	10.30	
237	642159.35	4179799.49	FENCEINT	10.32	
238	642164.33	4179799.73	FENCEINT	10.34	
239	642169.31	4179799.98	FENCEINT	10.36	
240	642174.28	4179800.22	FENCEINT	10.38	
241	642179.26	4179800.47	FENCEINT	10.39	
242	642184.24	4179800.71	FENCEINT	10.40	
243	642189.22	4179800.96	FENCEINT	10.41	
244	642194.19	4179801.20	FENCEINT	10.41	
245	642199.17	4179801.45	FENCEINT	10.41	
246	642204.15	4179801.69	FENCEINT	10.41	
247	642209.13	4179801.94	FENCEINT	10.41	
248	642214.10	4179802.18	FENCEINT	10.41	
249	642219.08	4179802.43	FENCEINT	10.41	
250	642224.06	4179802.67	FENCEINT	10.41	
251	642229.03	4179802.92	FENCEINT	10.40	
252	642234.01	4179803.16	FENCEINT	10.39	
253	642238.99	4179803.41	FENCEINT	10.38	
254	642243.97	4179803.65	FENCEINT	10.38	
255	642248.94	4179803.90	FENCEINT	10.38	
256	642253.92	4179804.14	FENCEINT	10.38	
257	642258.90	4179804.39	FENCEINT	10.37	
258	642263.88	4179804.63	FENCEINT	10.36	
259	642268.85	4179804.88	FENCEINT	10.37	
260	642273.83	4179805.12	FENCEINT	10.37	
261	642278.81	4179805.37	FENCEINT	10.39	
262	642283.79	4179805.61	FENCEINT	10.41	
263	642288.76	4179805.86	FENCEINT	10.43	

Receptor Pathway

AERMOD

264	642293.62	4179811.09	FENCEINT	10.26	
265	642293.51	4179816.08	FENCEINT	10.13	
266	642293.39	4179821.07	FENCEINT	10.03	
267	642293.28	4179826.06	FENCEINT	9.95	
268	642293.16	4179831.05	FENCEINT	9.88	
269	642293.05	4179836.04	FENCEINT	9.82	
270	642292.93	4179841.03	FENCEINT	9.80	
271	642292.82	4179846.02	FENCEINT	9.77	
272	642292.70	4179851.01	FENCEINT	9.76	
273	642292.59	4179856.00	FENCEINT	9.76	
274	642292.47	4179860.99	FENCEINT	9.79	
275	642292.36	4179865.98	FENCEINT	9.82	
276	642292.24	4179870.97	FENCEINT	9.84	
277	642292.13	4179875.96	FENCEINT	9.85	
278	642292.01	4179880.95	FENCEINT	9.81	
279	642291.90	4179885.94	FENCEINT	9.77	
280	642291.78	4179890.93	FENCEINT	9.75	
281	642291.67	4179895.92	FENCEINT	9.73	
282	642291.55	4179900.92	FENCEINT	9.71	
283	642291.44	4179905.91	FENCEINT	9.68	
284	642291.32	4179910.90	FENCEINT	9.67	
285	642291.21	4179915.89	FENCEINT	9.65	
286	642291.09	4179920.88	FENCEINT	9.63	
287	642290.98	4179925.87	FENCEINT	9.61	
288	642290.86	4179930.86	FENCEINT	9.59	
289	642290.75	4179935.85	FENCEINT	9.57	
290	642290.63	4179940.84	FENCEINT	9.55	
291	642290.52	4179945.83	FENCEINT	9.52	
292	642290.40	4179950.82	FENCEINT	9.51	
293	642290.29	4179955.81	FENCEINT	9.49	
294	642290.17	4179960.80	FENCEINT	9.47	
295	642290.06	4179965.79	FENCEINT	9.46	
296	642289.94	4179970.78	FENCEINT	9.44	
297	642289.83	4179975.77	FENCEINT	9.41	
298	642289.71	4179980.76	FENCEINT	9.39	
299	642289.60	4179985.75	FENCEINT	9.38	
300	642289.48	4179990.74	FENCEINT	9.36	
301	642289.37	4179995.73	FENCEINT	9.34	
302	642289.25	4180000.72	FENCEINT	9.32	
303	642289.14	4180005.71	FENCEINT	9.30	
304	642289.02	4180010.70	FENCEINT	9.28	

Receptor Pathway

AERMOD

305	642288.91	4180015.69	FENCEINT	9.26	
306	642288.79	4180020.68	FENCEINT	9.23	
307	642288.68	4180025.67	FENCEINT	9.22	
308	642288.56	4180030.66	FENCEINT	9.21	
309	642288.45	4180035.65	FENCEINT	9.19	
310	642288.33	4180040.64	FENCEINT	9.17	
311	642288.22	4180045.63	FENCEINT	9.14	
312	642288.10	4180050.62	FENCEINT	9.12	
313	642287.98	4180055.61	FENCEINT	9.10	
314	642287.87	4180060.60	FENCEINT	9.08	
315	642287.75	4180065.59	FENCEINT	9.06	
316	642287.64	4180070.58	FENCEINT	9.05	
317	642287.52	4180075.57	FENCEINT	9.03	
318	642287.41	4180080.56	FENCEINT	9.01	
319	642287.29	4180085.56	FENCEINT	8.99	
320	642287.18	4180090.55	FENCEINT	8.97	
321	642287.06	4180095.54	FENCEINT	8.94	
322	642286.95	4180100.53	FENCEINT	8.92	
323	642286.83	4180105.52	FENCEINT	8.90	
324	642286.72	4180110.51	FENCEINT	8.87	
325	642286.60	4180115.50	FENCEINT	8.85	
326	642286.49	4180120.49	FENCEINT	8.81	
327	642286.37	4180125.48	FENCEINT	8.76	
328	642286.26	4180130.47	FENCEINT	8.70	
329	642286.14	4180135.46	FENCEINT	8.67	
330	642286.03	4180140.45	FENCEINT	8.66	
331	642285.91	4180145.44	FENCEINT	8.64	
332	642285.80	4180150.43	FENCEINT	8.63	
333	642285.68	4180155.42	FENCEINT	8.61	
334	642285.57	4180160.41	FENCEINT	8.59	
335	642285.45	4180165.40	FENCEINT	8.56	
336	642285.34	4180170.39	FENCEINT	8.54	
337	642285.22	4180175.38	FENCEINT	8.51	
338	642285.11	4180180.37	FENCEINT	8.50	
339	642284.99	4180185.36	FENCEINT	8.48	
340	642284.88	4180190.35	FENCEINT	8.48	
341	642284.76	4180195.34	FENCEINT	8.47	
342	642284.65	4180200.33	FENCEINT	8.45	
343	642284.53	4180205.32	FENCEINT	8.43	
344	642284.42	4180210.31	FENCEINT	8.41	
345	642284.30	4180215.30	FENCEINT	8.39	

Receptor Pathway

AERMOD

346	642284.19	4180220.29	FENCEINT	8.38	
347	642284.07	4180225.28	FENCEINT	8.36	
348	642283.96	4180230.27	FENCEINT	8.35	
349	642283.84	4180235.26	FENCEINT	8.35	
350	642283.73	4180240.25	FENCEINT	8.34	
351	642283.61	4180245.24	FENCEINT	8.34	
352	642283.50	4180250.23	FENCEINT	8.33	
353	642283.38	4180255.22	FENCEINT	8.32	
354	642283.27	4180260.21	FENCEINT	8.29	
355	642283.15	4180265.20	FENCEINT	8.26	
356	642283.04	4180270.19	FENCEINT	8.24	
357	642282.92	4180275.19	FENCEINT	8.22	
358	642282.81	4180280.18	FENCEINT	8.21	
359	642282.69	4180285.17	FENCEINT	8.21	
360	642282.58	4180290.16	FENCEINT	8.20	
361	642282.46	4180295.15	FENCEINT	8.19	
362	642282.35	4180300.14	FENCEINT	8.19	
363	642282.23	4180305.13	FENCEINT	8.18	
364	642282.11	4180310.12	FENCEINT	8.16	
365	642282.00	4180315.11	FENCEINT	8.15	
366	642281.88	4180320.10	FENCEINT	8.14	
367	642281.77	4180325.09	FENCEINT	8.13	
368	642281.65	4180330.08	FENCEINT	8.12	
369	642281.54	4180335.07	FENCEINT	8.11	
370	642281.42	4180340.06	FENCEINT	8.10	
371	642281.31	4180345.05	FENCEINT	8.09	
372	642281.19	4180350.04	FENCEINT	8.08	
373	642281.08	4180355.03	FENCEINT	8.06	
374	642280.96	4180360.02	FENCEINT	8.04	
375	642280.85	4180365.01	FENCEINT	8.02	
376	642280.73	4180370.00	FENCEINT	8.00	
377	642280.62	4180374.99	FENCEINT	7.98	
378	642280.50	4180379.98	FENCEINT	7.96	
379	642280.39	4180384.97	FENCEINT	7.94	
380	642280.27	4180389.96	FENCEINT	7.92	
381	642280.16	4180394.95	FENCEINT	7.90	
382	642280.04	4180399.94	FENCEINT	7.88	
383	642279.93	4180404.93	FENCEINT	7.87	
384	642279.81	4180409.92	FENCEINT	7.86	
385	642279.70	4180414.91	FENCEINT	7.85	
386	642279.58	4180419.90	FENCEINT	7.83	

Receptor Pathway

AERMOD

387	642279.47	4180424.89	FENCEINT	7.82	
388	642279.35	4180429.88	FENCEINT	7.81	
389	642279.24	4180434.87	FENCEINT	7.80	
390	642279.12	4180439.86	FENCEINT	7.80	
391	642279.01	4180444.85	FENCEINT	7.79	
392	642278.89	4180449.84	FENCEINT	7.77	
393	642278.78	4180454.83	FENCEINT	7.75	
394	642278.66	4180459.83	FENCEINT	7.73	
395	642278.55	4180464.82	FENCEINT	7.71	
396	642278.43	4180469.81	FENCEINT	7.70	
397	642278.32	4180474.80	FENCEINT	7.69	
398	642278.20	4180479.79	FENCEINT	7.66	
399	642278.09	4180484.78	FENCEINT	7.65	
400	642277.97	4180489.77	FENCEINT	7.63	
401	642277.86	4180494.76	FENCEINT	7.62	
402	642277.74	4180499.75	FENCEINT	7.61	
403	642277.63	4180504.74	FENCEINT	7.60	
404	642277.51	4180509.73	FENCEINT	7.59	
405	642277.40	4180514.72	FENCEINT	7.57	
406	642277.28	4180519.71	FENCEINT	7.55	
407	642277.17	4180524.70	FENCEINT	7.55	
408	642277.05	4180529.69	FENCEINT	7.56	
409	642276.94	4180534.68	FENCEINT	7.58	
410	642276.82	4180539.67	FENCEINT	7.67	
411	642276.71	4180544.66	FENCEINT	7.73	
412	642280.93	4180548.43	FENCEINT	7.73	
413	642285.27	4180547.21	FENCEINT	7.75	
414	642289.62	4180545.99	FENCEINT	7.75	
415	642293.96	4180544.77	FENCEINT	7.76	
416	642298.30	4180543.56	FENCEINT	7.76	
417	642302.64	4180542.34	FENCEINT	7.74	
418	642306.99	4180541.12	FENCEINT	7.72	
419	642311.33	4180539.90	FENCEINT	7.73	
420	642318.94	4180542.45	FENCEINT	7.82	
421	642322.20	4180546.23	FENCEINT	7.74	
422	642325.47	4180550.00	FENCEINT	7.61	
423	642328.73	4180553.77	FENCEINT	7.48	
424	642332.00	4180557.55	FENCEINT	7.42	
425	642335.26	4180561.32	FENCEINT	7.36	
426	642338.53	4180565.09	FENCEINT	7.31	
427	642341.80	4180568.86	FENCEINT	7.27	

Receptor Pathway

AERMOD

428	642345.06	4180572.64	FENCEINT	7.22	
429	642348.33	4180576.41	FENCEINT	7.19	
430	642351.59	4180580.18	FENCEINT	7.15	
431	642354.86	4180583.96	FENCEINT	7.12	
432	642358.12	4180587.73	FENCEINT	7.10	
433	642361.39	4180591.50	FENCEINT	7.08	
434	642364.66	4180595.28	FENCEINT	7.06	
435	642367.92	4180599.05	FENCEINT	7.03	
436	642371.19	4180602.82	FENCEINT	6.99	
437	642374.45	4180606.59	FENCEINT	6.96	
438	642377.72	4180610.37	FENCEINT	6.92	
439	642380.99	4180614.14	FENCEINT	6.89	
440	642384.25	4180617.91	FENCEINT	6.86	
441	642387.52	4180621.69	FENCEINT	6.85	
442	642390.78	4180625.46	FENCEINT	6.83	
443	642394.05	4180629.23	FENCEINT	6.81	
444	642397.31	4180633.01	FENCEINT	6.77	
445	642400.58	4180636.78	FENCEINT	6.74	
446	642403.85	4180640.55	FENCEINT	6.72	
447	642407.11	4180644.32	FENCEINT	6.69	
448	642410.38	4180648.10	FENCEINT	6.65	
449	642413.64	4180651.87	FENCEINT	6.62	
450	642416.91	4180655.64	FENCEINT	6.60	
451	642420.17	4180659.42	FENCEINT	6.58	
452	642423.44	4180663.19	FENCEINT	6.54	
453	642426.71	4180666.96	FENCEINT	6.50	
454	642429.97	4180670.74	FENCEINT	6.46	
455	642433.24	4180674.51	FENCEINT	6.43	
456	642436.50	4180678.28	FENCEINT	6.41	
457	642439.77	4180682.05	FENCEINT	6.38	
458	642443.03	4180685.83	FENCEINT	6.35	
459	642446.30	4180689.60	FENCEINT	6.32	
460	642449.57	4180693.37	FENCEINT	6.28	
461	642452.83	4180697.15	FENCEINT	6.24	
462	642456.10	4180700.92	FENCEINT	6.23	
463	642459.36	4180704.69	FENCEINT	6.22	
464	642462.63	4180708.47	FENCEINT	6.21	
465	642465.89	4180712.24	FENCEINT	6.20	
466	642469.16	4180716.01	FENCEINT	6.18	
467	642472.43	4180719.78	FENCEINT	6.14	
468	642475.69	4180723.56	FENCEINT	6.09	

Receptor Pathway

AERMOD

469	642478.96	4180727.33	FENCEINT	6.06	
470	642482.22	4180731.10	FENCEINT	6.04	
471	642485.49	4180734.88	FENCEINT	6.01	
472	642488.75	4180738.65	FENCEINT	5.97	
473	642492.02	4180742.42	FENCEINT	5.95	
474	642495.29	4180746.20	FENCEINT	5.91	
475	642498.55	4180749.97	FENCEINT	5.88	
476	642501.82	4180753.74	FENCEINT	5.85	
477	642505.08	4180757.51	FENCEINT	5.83	
478	642508.35	4180761.29	FENCEINT	5.81	
479	642511.62	4180765.06	FENCEINT	5.79	
480	642514.88	4180768.83	FENCEINT	5.76	
481	642518.15	4180772.61	FENCEINT	5.74	
482	642521.41	4180776.38	FENCEINT	5.70	
483	642524.68	4180780.15	FENCEINT	5.69	
484	642527.94	4180783.93	FENCEINT	5.67	
485	642531.21	4180787.70	FENCEINT	5.63	
486	642534.48	4180791.47	FENCEINT	5.60	
487	642537.74	4180795.24	FENCEINT	5.58	
488	642541.01	4180799.02	FENCEINT	5.56	
489	642544.27	4180802.79	FENCEINT	5.53	
490	642547.54	4180806.56	FENCEINT	5.51	
491	642550.80	4180810.34	FENCEINT	5.46	
492	642554.07	4180814.11	FENCEINT	5.43	
493	642557.34	4180817.88	FENCEINT	5.39	
494	642560.60	4180821.66	FENCEINT	5.36	
495	642563.87	4180825.43	FENCEINT	5.39	
496	642567.13	4180829.20	FENCEINT	5.37	
497	642570.40	4180832.97	FENCEINT	5.32	
498	642573.66	4180836.75	FENCEINT	5.26	
499	642572.09	4180841.72	FENCEINT	5.40	
500	642567.25	4180842.92	FENCEINT	5.41	
501	642562.41	4180844.12	FENCEINT	5.40	
502	642557.57	4180845.32	FENCEINT	5.37	
503	642552.73	4180846.52	FENCEINT	5.36	
504	642547.89	4180847.72	FENCEINT	5.35	
505	642543.05	4180848.92	FENCEINT	5.38	
506	642538.21	4180850.12	FENCEINT	5.42	
507	642533.37	4180851.32	FENCEINT	5.46	
508	642528.53	4180852.52	FENCEINT	5.50	
509	642523.69	4180853.72	FENCEINT	5.52	

Receptor Pathway

AERMOD

510	642518.85	4180854.92	FENCEINT	5.53	
511	642514.01	4180856.12	FENCEINT	5.52	
512	642509.17	4180857.32	FENCEINT	5.53	
513	642504.33	4180858.52	FENCEINT	5.55	
514	642499.49	4180859.72	FENCEINT	5.59	
515	642494.65	4180860.92	FENCEINT	5.62	
516	642489.81	4180862.12	FENCEINT	5.65	
517	642484.97	4180863.32	FENCEINT	5.67	
518	642480.13	4180864.52	FENCEINT	5.67	
519	642475.29	4180865.72	FENCEINT	5.65	
520	642470.45	4180866.92	FENCEINT	5.68	
521	642465.61	4180868.12	FENCEINT	5.70	
522	642460.76	4180869.31	FENCEINT	5.73	
523	642455.92	4180870.51	FENCEINT	5.76	
524	642451.08	4180871.71	FENCEINT	5.78	
525	642446.24	4180872.91	FENCEINT	5.79	
526	642441.40	4180874.11	FENCEINT	5.79	
527	642436.56	4180875.31	FENCEINT	5.78	
528	642431.72	4180876.51	FENCEINT	5.77	
529	642426.88	4180877.71	FENCEINT	5.78	
530	642422.04	4180878.91	FENCEINT	5.80	
531	642417.20	4180880.11	FENCEINT	5.82	
532	642412.36	4180881.31	FENCEINT	5.84	
533	642407.52	4180882.51	FENCEINT	5.86	
534	642402.68	4180883.71	FENCEINT	5.85	
535	642397.84	4180884.91	FENCEINT	5.84	
536	642393.00	4180886.11	FENCEINT	5.83	
537	642388.16	4180887.31	FENCEINT	5.84	
538	642383.32	4180888.51	FENCEINT	5.85	
539	642378.48	4180889.71	FENCEINT	5.86	
540	642373.64	4180890.91	FENCEINT	5.87	
541	642368.80	4180892.11	FENCEINT	5.89	
542	642363.96	4180893.31	FENCEINT	5.90	
543	642359.12	4180894.51	FENCEINT	5.91	
544	642349.58	4180895.10	FENCEINT	5.95	
545	642344.88	4180894.49	FENCEINT	5.99	
546	642340.17	4180893.88	FENCEINT	6.05	
547	642335.47	4180893.28	FENCEINT	6.11	
548	642330.77	4180892.67	FENCEINT	6.14	
549	642326.07	4180892.06	FENCEINT	6.15	
550	642321.36	4180891.45	FENCEINT	6.13	

Receptor Pathway

AERMOD

551	642312.87	4180887.69	FENCEINT	5.99	
552	642309.08	4180884.54	FENCEINT	5.97	
553	642305.29	4180881.38	FENCEINT	5.99	
554	642301.50	4180878.23	FENCEINT	6.01	
555	642297.71	4180875.08	FENCEINT	6.03	
556	642293.92	4180871.93	FENCEINT	6.05	
557	642290.13	4180868.78	FENCEINT	6.07	
558	642286.34	4180865.63	FENCEINT	6.09	
559	642282.55	4180862.47	FENCEINT	6.12	
560	642278.76	4180859.32	FENCEINT	6.15	
561	642274.97	4180856.17	FENCEINT	6.18	
562	642271.18	4180853.02	FENCEINT	6.21	
563	642267.39	4180849.87	FENCEINT	6.23	
564	642263.59	4180846.72	FENCEINT	6.25	
565	642259.80	4180843.56	FENCEINT	6.27	
566	642256.01	4180840.41	FENCEINT	6.30	
567	642252.22	4180837.26	FENCEINT	6.32	
568	642248.43	4180834.11	FENCEINT	6.34	
569	642244.64	4180830.96	FENCEINT	6.38	
570	642240.85	4180827.81	FENCEINT	6.41	
571	642237.06	4180824.65	FENCEINT	6.44	
572	642233.27	4180821.50	FENCEINT	6.48	
573	642229.48	4180818.35	FENCEINT	6.51	
574	642225.69	4180815.20	FENCEINT	6.53	
575	642221.90	4180812.05	FENCEINT	6.54	
576	642218.11	4180808.90	FENCEINT	6.57	
577	642214.32	4180805.74	FENCEINT	6.59	
578	642210.53	4180802.59	FENCEINT	6.60	
579	642206.74	4180799.44	FENCEINT	6.62	
580	642202.95	4180796.29	FENCEINT	6.64	
581	642199.16	4180793.14	FENCEINT	6.66	
582	642195.37	4180789.99	FENCEINT	6.67	
583	642191.58	4180786.83	FENCEINT	6.68	
584	642187.79	4180783.68	FENCEINT	6.70	
585	642184.00	4180780.53	FENCEINT	6.71	
586	642180.21	4180777.38	FENCEINT	6.73	
587	642176.42	4180774.23	FENCEINT	6.75	
588	642172.63	4180771.08	FENCEINT	6.77	
589	642168.84	4180767.92	FENCEINT	6.78	
590	642165.04	4180764.77	FENCEINT	6.80	
591	642161.25	4180761.62	FENCEINT	6.83	

Receptor Pathway

AERMOD

592	642157.46	4180758.47	FENCEINT	6.84	
593	642153.67	4180755.32	FENCEINT	6.86	
594	642149.88	4180752.17	FENCEINT	6.88	
595	642146.09	4180749.01	FENCEINT	6.88	
596	642142.30	4180745.86	FENCEINT	6.89	
597	642138.51	4180742.71	FENCEINT	6.91	
598	642134.72	4180739.56	FENCEINT	6.92	
599	642130.93	4180736.41	FENCEINT	6.93	
600	642127.14	4180733.26	FENCEINT	6.95	
601	642123.35	4180730.10	FENCEINT	6.96	
602	642119.56	4180726.95	FENCEINT	6.98	
603	642111.12	4180723.17	FENCEINT	7.01	
604	642106.47	4180722.54	FENCEINT	7.02	
605	642101.81	4180721.91	FENCEINT	7.02	
606	642097.16	4180721.28	FENCEINT	7.03	
607	642092.51	4180720.65	FENCEINT	7.03	
608	642087.86	4180720.02	FENCEINT	7.04	
609	642083.21	4180719.39	FENCEINT	7.04	
610	642078.55	4180718.77	FENCEINT	7.05	
611	642073.90	4180718.14	FENCEINT	7.06	
612	642069.25	4180717.51	FENCEINT	7.08	
613	642064.60	4180716.88	FENCEINT	7.08	
614	642059.95	4180716.25	FENCEINT	7.09	
615	642055.29	4180715.62	FENCEINT	7.10	
616	642050.64	4180714.99	FENCEINT	7.10	
617	642041.15	4180715.44	FENCEINT	7.09	
618	642036.31	4180716.52	FENCEINT	7.09	
619	642031.47	4180717.60	FENCEINT	7.08	
620	642026.64	4180718.68	FENCEINT	7.07	
621	642021.80	4180719.76	FENCEINT	7.07	
622	642016.96	4180720.84	FENCEINT	7.07	
623	642012.12	4180721.92	FENCEINT	7.07	
624	642007.28	4180723.00	FENCEINT	7.08	
625	642002.44	4180724.08	FENCEINT	7.08	
626	641997.61	4180725.16	FENCEINT	7.08	
627	641992.77	4180726.24	FENCEINT	7.08	
628	641987.93	4180727.32	FENCEINT	7.08	
629	641983.09	4180728.39	FENCEINT	7.08	
630	641978.25	4180729.47	FENCEINT	7.08	
631	641973.41	4180730.55	FENCEINT	7.08	
632	641968.58	4180731.63	FENCEINT	7.07	

Receptor Pathway

AERMOD

633	641963.74	4180732.71	FENCEINT	7.08	
634	641958.90	4180733.79	FENCEINT	7.08	
635	641954.06	4180734.87	FENCEINT	7.08	
636	641949.22	4180735.95	FENCEINT	7.08	
637	641944.38	4180737.03	FENCEINT	7.11	
638	641939.55	4180738.11	FENCEINT	7.15	
639	641934.71	4180739.19	FENCEINT	6.95	
640	641929.87	4180740.27	FENCEINT	6.75	
641	641923.38	4180736.72	FENCEINT	7.24	
642	641921.72	4180732.09	FENCEINT	7.10	
643	641920.07	4180727.46	FENCEINT	7.10	
644	641918.41	4180722.82	FENCEINT	7.09	
645	641916.76	4180718.19	FENCEINT	7.11	
646	641915.10	4180713.56	FENCEINT	6.97	
647	641913.45	4180708.93	FENCEINT	6.91	
648	641911.80	4180704.30	FENCEINT	6.93	
649	641910.14	4180699.67	FENCEINT	6.98	
650	641908.49	4180695.04	FENCEINT	6.91	
651	641906.83	4180690.40	FENCEINT	6.71	
652	641905.18	4180685.77	FENCEINT	6.86	
653	641903.52	4180681.14	FENCEINT	6.94	
654	641901.87	4180676.51	FENCEINT	7.08	
655	641900.22	4180671.88	FENCEINT	7.12	
656	641898.56	4180667.25	FENCEINT	7.30	
657	641896.91	4180662.62	FENCEINT	7.57	
658	641895.25	4180657.98	FENCEINT	7.70	
659	641893.60	4180653.35	FENCEINT	7.76	
660	641891.94	4180648.72	FENCEINT	7.76	
661	641890.29	4180644.09	FENCEINT	7.66	
662	641888.64	4180639.46	FENCEINT	7.64	
663	641886.98	4180634.83	FENCEINT	7.71	
664	641885.33	4180630.20	FENCEINT	7.73	
665	641883.67	4180625.56	FENCEINT	7.72	
666	641882.02	4180620.93	FENCEINT	7.73	
667	641880.36	4180616.30	FENCEINT	7.76	
668	641878.71	4180611.67	FENCEINT	7.80	
669	641877.06	4180607.04	FENCEINT	7.83	
670	641875.40	4180602.41	FENCEINT	7.85	
671	641873.75	4180597.78	FENCEINT	7.88	
672	641872.09	4180593.14	FENCEINT	7.94	
673	641870.44	4180588.51	FENCEINT	7.98	

Receptor Pathway

AERMOD

674	641868.78	4180583.88	FENCEINT	8.02	
675	641867.25	4180574.26	FENCEINT	8.02	
676	641867.36	4180569.27	FENCEINT	8.01	
677	641867.48	4180564.28	FENCEINT	8.01	
678	641867.59	4180559.29	FENCEINT	8.02	
679	641867.71	4180554.31	FENCEINT	8.03	
680	641867.83	4180549.32	FENCEINT	8.06	
681	641867.94	4180544.33	FENCEINT	8.08	
682	641868.06	4180539.34	FENCEINT	8.10	
683	641868.18	4180534.35	FENCEINT	8.12	
684	641868.29	4180529.36	FENCEINT	8.14	
685	641868.41	4180524.37	FENCEINT	8.17	
686	641868.52	4180519.38	FENCEINT	8.20	
687	641868.64	4180514.39	FENCEINT	8.23	
688	641868.76	4180509.40	FENCEINT	8.26	
689	641868.87	4180504.42	FENCEINT	8.29	
690	641868.99	4180499.43	FENCEINT	8.32	
691	641869.10	4180494.44	FENCEINT	8.35	
692	641869.22	4180489.45	FENCEINT	8.38	
693	641869.34	4180484.46	FENCEINT	8.41	
694	641869.45	4180479.47	FENCEINT	8.42	
695	641869.57	4180474.48	FENCEINT	8.44	
696	641869.69	4180469.49	FENCEINT	8.44	
697	641869.80	4180464.50	FENCEINT	8.44	
698	641869.92	4180459.52	FENCEINT	8.45	
699	641870.03	4180454.53	FENCEINT	8.46	
700	641870.15	4180449.54	FENCEINT	8.48	
701	641870.27	4180444.55	FENCEINT	8.50	
702	641870.38	4180439.56	FENCEINT	8.53	
703	641870.50	4180434.57	FENCEINT	8.56	
704	641870.61	4180429.58	FENCEINT	8.59	
705	641870.73	4180424.59	FENCEINT	8.62	
706	641870.85	4180419.60	FENCEINT	8.63	
707	641870.96	4180414.62	FENCEINT	8.65	
708	641871.08	4180409.63	FENCEINT	8.66	
709	641871.20	4180404.64	FENCEINT	8.68	
710	641871.31	4180399.65	FENCEINT	8.70	
711	641871.43	4180394.66	FENCEINT	8.71	
712	641871.54	4180389.67	FENCEINT	8.73	
713	641871.66	4180384.68	FENCEINT	8.75	
714	641871.78	4180379.69	FENCEINT	8.77	

Receptor Pathway

AERMOD

715	641871.89	4180374.70	FENCEINT	8.79	
716	641872.01	4180369.71	FENCEINT	8.82	
717	641872.13	4180364.73	FENCEINT	8.85	
718	641872.24	4180359.74	FENCEINT	8.87	
719	641872.36	4180354.75	FENCEINT	8.89	
720	641872.47	4180349.76	FENCEINT	8.91	
721	641872.59	4180344.77	FENCEINT	8.93	
722	641872.71	4180339.78	FENCEINT	8.95	
723	641872.82	4180334.79	FENCEINT	8.97	
724	641872.94	4180329.80	FENCEINT	8.99	
725	641873.05	4180324.81	FENCEINT	9.00	
726	641873.17	4180319.83	FENCEINT	9.01	
727	641873.29	4180314.84	FENCEINT	9.03	
728	641873.40	4180309.85	FENCEINT	9.04	
729	641873.52	4180304.86	FENCEINT	9.05	
730	641873.64	4180299.87	FENCEINT	9.07	
731	641873.75	4180294.88	FENCEINT	9.10	
732	641873.87	4180289.89	FENCEINT	9.12	
733	641873.98	4180284.90	FENCEINT	9.15	
734	641874.10	4180279.91	FENCEINT	9.18	
735	641874.22	4180274.93	FENCEINT	9.19	
736	641874.33	4180269.94	FENCEINT	9.21	
737	641874.45	4180264.95	FENCEINT	9.23	
738	641874.56	4180259.96	FENCEINT	9.25	
739	641874.68	4180254.97	FENCEINT	9.27	
740	641874.80	4180249.98	FENCEINT	9.28	
741	641874.91	4180244.99	FENCEINT	9.29	
742	641875.03	4180240.00	FENCEINT	9.30	
743	641875.15	4180235.01	FENCEINT	9.32	
744	641875.26	4180230.02	FENCEINT	9.34	
745	641875.38	4180225.04	FENCEINT	9.36	
746	641875.49	4180220.05	FENCEINT	9.38	
747	641875.61	4180215.06	FENCEINT	9.39	
748	641875.73	4180210.07	FENCEINT	9.40	
749	641875.84	4180205.08	FENCEINT	9.41	
750	641875.96	4180200.09	FENCEINT	9.41	
751	641876.07	4180195.10	FENCEINT	9.42	
752	641876.19	4180190.11	FENCEINT	9.43	
753	641876.31	4180185.12	FENCEINT	9.45	
754	641876.42	4180180.14	FENCEINT	9.47	
755	641876.54	4180175.15	FENCEINT	9.49	

Receptor Pathway

AERMOD

756	641876.66	4180170.16	FENCEINT	9.51	
757	641876.77	4180165.17	FENCEINT	9.52	
758	641876.89	4180160.18	FENCEINT	9.53	
759	641877.00	4180155.19	FENCEINT	9.54	
760	641877.12	4180150.20	FENCEINT	9.56	
761	641877.24	4180145.21	FENCEINT	9.57	
762	641877.35	4180140.22	FENCEINT	9.59	
763	641877.47	4180135.24	FENCEINT	9.61	
764	641877.58	4180130.25	FENCEINT	9.63	
765	641877.70	4180125.26	FENCEINT	9.65	
766	641877.82	4180120.27	FENCEINT	9.68	
767	641877.93	4180115.28	FENCEINT	9.72	
768	641878.05	4180110.29	FENCEINT	9.71	
769	641878.17	4180105.30	FENCEINT	9.70	
770	641878.28	4180100.31	FENCEINT	9.69	
771	641878.40	4180095.32	FENCEINT	9.69	
772	641878.51	4180090.33	FENCEINT	9.69	
773	641878.63	4180085.35	FENCEINT	9.70	
774	641878.75	4180080.36	FENCEINT	9.70	
775	641878.86	4180075.37	FENCEINT	9.70	
776	641878.98	4180070.38	FENCEINT	9.72	
777	641879.09	4180065.39	FENCEINT	9.74	
778	641879.21	4180060.40	FENCEINT	9.75	
779	641879.33	4180055.41	FENCEINT	9.77	
780	641879.44	4180050.42	FENCEINT	9.79	
781	641879.56	4180045.43	FENCEINT	9.81	
782	641879.68	4180040.45	FENCEINT	9.82	
783	641879.79	4180035.46	FENCEINT	9.83	
784	641879.91	4180030.47	FENCEINT	9.83	
785	641880.02	4180025.48	FENCEINT	9.83	
786	641880.14	4180020.49	FENCEINT	9.83	
787	641880.26	4180015.50	FENCEINT	9.83	
788	641880.37	4180010.51	FENCEINT	9.84	
789	641880.49	4180005.52	FENCEINT	9.85	
790	641880.60	4180000.53	FENCEINT	9.86	
791	641880.72	4179995.55	FENCEINT	9.86	
792	641880.84	4179990.56	FENCEINT	9.87	
793	641880.95	4179985.57	FENCEINT	9.87	
794	641881.07	4179980.58	FENCEINT	9.88	
795	641881.19	4179975.59	FENCEINT	9.90	
796	641881.30	4179970.60	FENCEINT	9.91	

Receptor Pathway

AERMOD

797	641881.42	4179965.61	FENCEINT	9.93	
798	641881.53	4179960.62	FENCEINT	9.95	
799	641881.65	4179955.63	FENCEINT	9.98	
800	641881.77	4179950.64	FENCEINT	9.99	
801	641881.88	4179945.66	FENCEINT	9.97	
802	641882.00	4179940.67	FENCEINT	9.95	
803	641882.12	4179935.68	FENCEINT	9.95	
804	641882.23	4179930.69	FENCEINT	9.95	
805	641882.35	4179925.70	FENCEINT	9.96	
806	641882.46	4179920.71	FENCEINT	9.98	
807	641882.58	4179915.72	FENCEINT	10.00	
808	641882.70	4179910.73	FENCEINT	10.01	
809	641882.81	4179905.74	FENCEINT	10.02	
810	641882.93	4179900.76	FENCEINT	10.03	
811	641883.04	4179895.77	FENCEINT	10.05	
812	641883.16	4179890.78	FENCEINT	10.07	
813	641883.28	4179885.79	FENCEINT	10.09	
814	641883.39	4179880.80	FENCEINT	10.11	
815	641883.51	4179875.81	FENCEINT	10.15	
816	641883.63	4179870.82	FENCEINT	10.21	
817	641883.74	4179865.83	FENCEINT	10.29	
818	641883.86	4179860.84	FENCEINT	10.41	
819	641883.97	4179855.86	FENCEINT	10.43	
820	641884.09	4179850.87	FENCEINT	10.40	
821	641884.21	4179845.88	FENCEINT	10.38	
822	641884.32	4179840.89	FENCEINT	10.37	
823	641884.44	4179835.90	FENCEINT	10.37	
824	641884.55	4179830.91	FENCEINT	10.39	
825	641884.67	4179825.92	FENCEINT	10.38	
826	641884.79	4179820.93	FENCEINT	10.32	
827	641884.90	4179815.94	FENCEINT	10.29	
828	641885.02	4179810.95	FENCEINT	10.31	
829	641885.14	4179805.97	FENCEINT	10.31	
830	641885.25	4179800.98	FENCEINT	10.30	
831	641885.37	4179795.99	FENCEINT	10.29	
832	641885.48	4179791.00	FENCEINT	10.29	

Receptor Pathway

AERMOD

Receptor Groups

Record Number	Group ID	Group Description
1	FENCEPRI	Cartesian plant boundary Primary Receptors
2	FENCEINT	Cartesian plant boundary Intermediate Receptors

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.SFC
 Format Type: Default AERMET format

Profile Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.PFL
 Format Type: Default AERMET format

Wind Speed



Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 14.00 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2004			Station ID 66666
Upper Air		2004			

Data Period

Data Period to Process

Start Date: 1/1/2004 Start Hour: 1 End Date: 12/31/2008 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.03465	ug/m^3	r	642423.59	4180906.20	5.74	0.00	5.74	
PERIOD		0.02826	ug/m^3	r	642441.65	4180909.13	5.71	0.00	5.71	
PERIOD		0.02730	ug/m^3	r	642480.08	4180894.46	6.83	0.00	6.83	
PERIOD		0.01925	ug/m^3	r	642519.76	4180888.29	5.42	0.00	5.42	
PERIOD		0.01246	ug/m^3	r	642566.51	4180882.54	5.07	0.00	5.07	
PERIOD		0.01341	ug/m^3	r	642626.31	4180850.18	5.27	0.00	5.27	
PERIOD		0.01577	ug/m^3	r	642669.21	4180807.50	4.70	0.00	4.70	
PERIOD		0.01555	ug/m^3	r	642766.30	4180717.00	5.31	0.00	5.31	
PERIOD		0.01778	ug/m^3	r	642864.59	4180554.77	5.81	0.00	5.81	
PERIOD		0.02057	ug/m^3	r	642843.70	4180532.79	5.99	0.00	5.99	
PERIOD		0.05775	ug/m^3	r	642612.01	4179848.87	9.81	0.00	9.81	
PERIOD		0.05664	ug/m^3	r	642624.90	4179791.78	10.39	0.00	10.39	
PERIOD		0.05449	ug/m^3	r	642639.86	4179791.65	10.35	0.00	10.35	
PERIOD		0.05085	ug/m^3	r	642667.43	4179795.46	9.94	0.00	9.94	
PERIOD		0.04782	ug/m^3	r	642693.29	4179797.16	9.84	0.00	9.84	
PERIOD		0.04406	ug/m^3	r	642728.95	4179797.77	9.79	0.00	9.79	
PERIOD		0.03779	ug/m^3	r	642798.23	4179801.48	9.03	0.00	9.03	
PERIOD		0.03478	ug/m^3	r	642838.25	4179796.55	8.93	0.00	8.93	
PERIOD		0.03239	ug/m^3	r	642873.35	4179801.20	8.83	0.00	8.83	
PERIOD		0.03051	ug/m^3	r	642903.14	4179804.04	8.64	0.00	8.64	

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.03225	ug/m^3	r	642861.85	4179877.44	8.79	0.00	8.79	
PERIOD		0.02894	ug/m^3	r	642915.46	4179883.14	9.24	0.00	9.24	
PERIOD		0.02994	ug/m^3	r	642889.34	4179922.70	8.80	0.00	8.80	
PERIOD		0.02778	ug/m^3	r	642916.53	4179957.30	8.35	0.00	8.35	
PERIOD		0.03125	ug/m^3	r	642846.92	4180017.86	8.29	0.00	8.29	
PERIOD		0.02530	ug/m^3	r	642969.73	4179932.63	8.53	0.00	8.53	
PERIOD		0.02448	ug/m^3	r	642984.82	4179936.19	8.37	0.00	8.37	
PERIOD		0.02355	ug/m^3	r	643006.43	4179931.45	8.58	0.00	8.58	
PERIOD		0.02324	ug/m^3	r	643027.44	4179882.32	8.62	0.00	8.62	
PERIOD		0.02827	ug/m^3	r	642942.74	4179809.51	8.49	0.00	8.49	
PERIOD		0.02602	ug/m^3	r	642986.00	4179809.05	8.33	0.00	8.33	
PERIOD		0.02495	ug/m^3	r	643009.48	4179802.10	8.33	0.00	8.33	
PERIOD		0.02140	ug/m^3	r	643092.88	4179800.30	7.67	0.00	7.67	
PERIOD		0.02079	ug/m^3	r	643107.73	4179811.01	7.72	0.00	7.72	
PERIOD		0.01974	ug/m^3	r	643138.65	4179813.25	8.23	0.00	8.23	
PERIOD		0.02045	ug/m^3	r	643123.91	4179779.64	8.25	0.00	8.25	
PERIOD		0.01920	ug/m^3	r	643160.42	4179780.20	8.27	0.00	8.27	
PERIOD		0.01885	ug/m^3	r	643175.36	4179761.55	8.29	0.00	8.29	
PERIOD		0.01922	ug/m^3	r	643163.42	4179763.67	8.32	0.00	8.32	
PERIOD		0.02010	ug/m^3	r	643139.64	4179753.74	8.35	0.00	8.35	
PERIOD		0.01999	ug/m^3	r	643144.44	4179746.59	8.39	0.00	8.39	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01752	ug/m^3	r	643213.32	4179778.97	8.13	0.00	8.13	
PERIOD		0.01702	ug/m^3	r	643220.99	4179818.86	7.81	0.00	7.81	
PERIOD		0.01672	ug/m^3	r	643231.24	4179817.25	7.83	0.00	7.83	
PERIOD		0.01783	ug/m^3	r	643195.08	4179812.50	7.85	0.00	7.85	
PERIOD		0.01578	ug/m^3	r	643266.55	4179806.39	7.79	0.00	7.79	
PERIOD		0.01733	ug/m^3	r	643225.65	4179758.26	8.28	0.00	8.28	
PERIOD		0.01700	ug/m^3	r	643235.56	4179763.82	8.27	0.00	8.27	
PERIOD		0.01887	ug/m^3	r	643180.87	4179738.16	8.54	0.00	8.54	
PERIOD		0.02075	ug/m^3	r	643132.53	4179699.67	8.87	0.00	8.87	
PERIOD		0.02131	ug/m^3	r	643117.14	4179693.48	8.81	0.00	8.81	
PERIOD		0.02194	ug/m^3	r	643101.08	4179686.86	8.98	0.00	8.98	
PERIOD		0.02311	ug/m^3	r	643069.34	4179691.13	9.02	0.00	9.02	
PERIOD		0.02268	ug/m^3	r	643077.53	4179710.91	8.88	0.00	8.88	
PERIOD		0.02449	ug/m^3	r	643018.96	4179438.01	10.05	0.00	10.05	
PERIOD		0.02276	ug/m^3	r	643084.59	4179523.29	9.74	0.00	9.74	
PERIOD		0.02146	ug/m^3	r	643123.69	4179508.56	9.65	0.00	9.65	
PERIOD		0.01914	ug/m^3	r	643205.32	4179504.68	9.73	0.00	9.73	
PERIOD		0.01912	ug/m^3	r	643205.63	4179524.47	9.49	0.00	9.49	
PERIOD		0.01846	ug/m^3	r	643228.04	4179453.82	9.60	0.00	9.60	
PERIOD		0.01925	ug/m^3	r	643191.32	4179422.31	9.37	0.00	9.37	
PERIOD		0.02039	ug/m^3	r	643156.40	4179471.78	9.88	0.00	9.88	

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01751	ug/m^3	r	643267.56	4179525.34	9.42	0.00	9.42	
PERIOD		0.01812	ug/m^3	r	643239.54	4179565.68	9.28	0.00	9.28	
PERIOD		0.01731	ug/m^3	r	643269.96	4179568.47	9.13	0.00	9.13	
PERIOD		0.01722	ug/m^3	r	643276.56	4179548.69	9.25	0.00	9.25	
PERIOD		0.01626	ug/m^3	r	643304.54	4179598.63	8.34	0.00	8.34	
PERIOD		0.01916	ug/m^3	r	643198.44	4179596.54	9.10	0.00	9.10	
PERIOD		0.02017	ug/m^3	r	643165.27	4179587.66	9.05	0.00	9.05	
PERIOD		0.01666	ug/m^3	r	643279.62	4179642.39	8.41	0.00	8.41	
PERIOD		0.01488	ug/m^3	r	643342.12	4179677.63	8.40	0.00	8.40	
PERIOD		0.01426	ug/m^3	r	643365.52	4179686.82	8.14	0.00	8.14	
PERIOD		0.01306	ug/m^3	r	643412.02	4179712.59	8.03	0.00	8.03	
PERIOD		0.01270	ug/m^3	r	643426.83	4179720.88	8.06	0.00	8.06	
PERIOD		0.01205	ug/m^3	r	643443.06	4179763.53	7.71	0.00	7.71	
PERIOD		0.01187	ug/m^3	r	643462.19	4179738.10	7.72	0.00	7.72	
PERIOD		0.01156	ug/m^3	r	643477.05	4179744.65	7.75	0.00	7.75	
PERIOD		0.00931	ug/m^3	r	643609.19	4179779.40	6.99	0.00	6.99	
PERIOD		0.00971	ug/m^3	r	643581.34	4179779.40	7.10	0.00	7.10	
PERIOD		0.01176	ug/m^3	r	643486.28	4179690.48	7.69	0.00	7.69	
PERIOD		0.01227	ug/m^3	r	643461.70	4179683.07	7.85	0.00	7.85	
PERIOD		0.01302	ug/m^3	r	643435.58	4179649.08	7.89	0.00	7.89	
PERIOD		0.01276	ug/m^3	r	643445.96	4179656.83	7.86	0.00	7.86	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01294	ug/m^3	r	643433.08	4179668.66	7.88	0.00	7.88	
PERIOD		0.01238	ug/m^3	r	643472.43	4179636.73	7.74	0.00	7.74	
PERIOD		0.01278	ug/m^3	r	643467.63	4179586.55	7.66	0.00	7.66	
PERIOD		0.01273	ug/m^3	r	643474.60	4179575.24	7.82	0.00	7.82	
PERIOD		0.01261	ug/m^3	r	643488.40	4179549.74	7.60	0.00	7.60	
PERIOD		0.00527	ug/m^3	r	644226.05	4179433.08	7.30	0.00	7.30	
PERIOD		0.00654	ug/m^3	r	643856.00	4179782.95	6.39	0.00	6.39	
PERIOD		0.00619	ug/m^3	r	643894.54	4179783.96	6.19	0.00	6.19	
PERIOD		0.00612	ug/m^3	r	643904.86	4179771.37	6.11	0.00	6.11	
PERIOD		0.00621	ug/m^3	r	643902.09	4179750.97	6.08	0.00	6.08	
PERIOD		0.00664	ug/m^3	r	643884.46	4179690.78	6.26	0.00	6.26	
PERIOD		0.00785	ug/m^3	r	643988.56	4178601.40	11.42	0.00	11.42	
PERIOD		0.00794	ug/m^3	r	643970.67	4178600.51	11.44	0.00	11.44	
PERIOD		0.00802	ug/m^3	r	643953.35	4178599.84	11.46	0.00	11.46	
PERIOD		0.00805	ug/m^3	r	643940.61	4178583.63	11.57	0.00	11.57	
PERIOD		0.00819	ug/m^3	r	643898.25	4178561.06	11.56	0.00	11.56	
PERIOD		0.00826	ug/m^3	r	643882.49	4178560.50	11.54	0.00	11.54	
PERIOD		0.00833	ug/m^3	r	643868.08	4178560.61	11.50	0.00	11.50	
PERIOD		0.00807	ug/m^3	r	643850.61	4178477.15	12.36	0.00	12.36	
PERIOD		0.00842	ug/m^3	r	643802.93	4178519.25	11.99	0.00	11.99	
PERIOD		0.00812	ug/m^3	r	643566.21	4178374.81	12.85	0.00	12.85	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01002	ug/m^3	r	642899.11	4178625.63	13.25	0.00	13.25	
PERIOD		0.01000	ug/m^3	r	642861.77	4178630.37	13.35	0.00	13.35	
PERIOD		0.00632	ug/m^3	r	642634.32	4178208.71	14.34	0.00	14.34	
PERIOD		0.00590	ug/m^3	r	642761.13	4178115.10	14.42	0.00	14.42	
PERIOD		0.00363	ug/m^3	r	642021.23	4178205.01	14.76	0.00	14.76	
PERIOD		0.00342	ug/m^3	r	641455.17	4178051.75	15.53	0.00	15.53	
PERIOD		0.00435	ug/m^3	r	640663.35	4177956.52	16.03	0.00	16.03	
PERIOD		0.00431	ug/m^3	r	640591.80	4177954.95	16.27	0.00	16.27	
PERIOD		0.00379	ug/m^3	r	640596.52	4177721.41	16.97	0.00	16.97	
PERIOD		0.00417	ug/m^3	r	640657.83	4177883.48	16.30	0.00	16.30	
PERIOD		0.00423	ug/m^3	r	640682.46	4177911.49	16.15	0.00	16.15	
PERIOD		0.00422	ug/m^3	r	640695.49	4177909.55	16.19	0.00	16.19	
PERIOD		0.00419	ug/m^3	r	640717.22	4177907.62	16.19	0.00	16.19	
PERIOD		0.00406	ug/m^3	r	640718.67	4177867.06	16.41	0.00	16.41	
PERIOD		0.00405	ug/m^3	r	640699.36	4177856.92	16.47	0.00	16.47	
PERIOD		0.00412	ug/m^3	r	640661.69	4177868.02	16.36	0.00	16.36	
PERIOD		0.00391	ug/m^3	r	640679.07	4177800.90	16.71	0.00	16.71	
PERIOD		0.00390	ug/m^3	r	640699.84	4177807.66	16.56	0.00	16.56	
PERIOD		0.00387	ug/m^3	r	640721.09	4177809.59	16.64	0.00	16.64	
PERIOD		0.00385	ug/m^3	r	640660.72	4177772.41	16.71	0.00	16.71	
PERIOD		0.00372	ug/m^3	r	640702.74	4177753.09	16.93	0.00	16.93	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00380	ug/m^3	r	640669.42	4177758.89	16.73	0.00	16.73	
PERIOD		0.00365	ug/m^3	r	640743.35	4177756.71	16.91	0.00	16.91	
PERIOD		0.00353	ug/m^3	r	640801.27	4177764.04	16.95	0.00	16.95	
PERIOD		0.00341	ug/m^3	r	640850.11	4177764.04	16.95	0.00	16.95	
PERIOD		0.00331	ug/m^3	r	640883.26	4177755.67	16.90	0.00	16.90	
PERIOD		0.00333	ug/m^3	r	640884.30	4177764.39	16.93	0.00	16.93	
PERIOD		0.00336	ug/m^3	r	640885.00	4177773.81	16.93	0.00	16.93	
PERIOD		0.00339	ug/m^3	r	640885.00	4177782.53	16.93	0.00	16.93	
PERIOD		0.00342	ug/m^3	r	640883.26	4177791.95	16.90	0.00	16.90	
PERIOD		0.00323	ug/m^3	r	640916.40	4177756.36	16.97	0.00	16.97	
PERIOD		0.00317	ug/m^3	r	640946.76	4177754.97	16.87	0.00	16.87	
PERIOD		0.00321	ug/m^3	r	640947.11	4177767.88	16.73	0.00	16.73	
PERIOD		0.00326	ug/m^3	r	640916.75	4177765.78	16.94	0.00	16.94	
PERIOD		0.00324	ug/m^3	r	640946.06	4177777.65	16.71	0.00	16.71	
PERIOD		0.00329	ug/m^3	r	640917.80	4177775.20	16.88	0.00	16.88	
PERIOD		0.00328	ug/m^3	r	640945.36	4177787.42	16.70	0.00	16.70	
PERIOD		0.00332	ug/m^3	r	640917.80	4177784.97	16.88	0.00	16.88	
PERIOD		0.00339	ug/m^3	r	640914.31	4177804.16	16.85	0.00	16.85	
PERIOD		0.00335	ug/m^3	r	640916.40	4177794.39	16.87	0.00	16.87	
PERIOD		0.00334	ug/m^3	r	640943.62	4177804.86	16.66	0.00	16.66	
PERIOD		0.00330	ug/m^3	r	640945.71	4177795.79	16.69	0.00	16.69	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00313	ug/m^3	r	640979.90	4177758.81	16.68	0.00	16.68	
PERIOD		0.00316	ug/m^3	r	640978.16	4177769.27	16.64	0.00	16.64	
PERIOD		0.00319	ug/m^3	r	640976.41	4177776.95	16.63	0.00	16.63	
PERIOD		0.00323	ug/m^3	r	640978.16	4177792.30	16.53	0.00	16.53	
PERIOD		0.00326	ug/m^3	r	640978.85	4177801.02	16.50	0.00	16.50	
PERIOD		0.00329	ug/m^3	r	640977.81	4177809.40	16.48	0.00	16.48	
PERIOD		0.00332	ug/m^3	r	640978.51	4177820.56	16.46	0.00	16.46	
PERIOD		0.00335	ug/m^3	r	640977.81	4177828.59	16.44	0.00	16.44	
PERIOD		0.00346	ug/m^3	r	640879.77	4177800.67	16.84	0.00	16.84	
PERIOD		0.00350	ug/m^3	r	640883.61	4177813.23	16.81	0.00	16.81	
PERIOD		0.00353	ug/m^3	r	640885.35	4177824.75	16.84	0.00	16.84	
PERIOD		0.00343	ug/m^3	r	640915.24	4177814.31	16.81	0.00	16.81	
PERIOD		0.00337	ug/m^3	r	640945.30	4177816.13	16.60	0.00	16.60	
PERIOD		0.00340	ug/m^3	r	640947.12	4177825.60	16.60	0.00	16.60	
PERIOD		0.00346	ug/m^3	r	640915.97	4177824.87	16.78	0.00	16.78	
PERIOD		0.00349	ug/m^3	r	640916.34	4177835.07	16.75	0.00	16.75	
PERIOD		0.00343	ug/m^3	r	640946.57	4177835.98	16.57	0.00	16.57	
PERIOD		0.00347	ug/m^3	r	640946.75	4177845.63	16.52	0.00	16.52	
PERIOD		0.00353	ug/m^3	r	640915.61	4177844.18	16.73	0.00	16.73	
PERIOD		0.00357	ug/m^3	r	640879.91	4177832.52	16.80	0.00	16.80	
PERIOD		0.00360	ug/m^3	r	640885.19	4177842.36	16.74	0.00	16.74	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00363	ug/m^3	r	640884.46	4177851.64	16.68	0.00	16.68	
PERIOD		0.00356	ug/m^3	r	640916.34	4177852.74	16.71	0.00	16.71	
PERIOD		0.00350	ug/m^3	r	640945.30	4177854.74	16.47	0.00	16.47	
PERIOD		0.00353	ug/m^3	r	640945.48	4177863.12	16.45	0.00	16.45	
PERIOD		0.00359	ug/m^3	r	640915.06	4177861.30	16.67	0.00	16.67	
PERIOD		0.00367	ug/m^3	r	640883.19	4177861.12	16.61	0.00	16.61	
PERIOD		0.00371	ug/m^3	r	640883.92	4177871.31	16.54	0.00	16.54	
PERIOD		0.00374	ug/m^3	r	640885.38	4177879.87	16.49	0.00	16.49	
PERIOD		0.00379	ug/m^3	r	640883.19	4177890.80	16.49	0.00	16.49	
PERIOD		0.00363	ug/m^3	r	640915.97	4177871.68	16.61	0.00	16.61	
PERIOD		0.00367	ug/m^3	r	640914.88	4177881.70	16.58	0.00	16.58	
PERIOD		0.00357	ug/m^3	r	640944.20	4177871.86	16.44	0.00	16.44	
PERIOD		0.00361	ug/m^3	r	640945.30	4177883.15	16.39	0.00	16.39	
PERIOD		0.00364	ug/m^3	r	640944.57	4177893.17	16.37	0.00	16.37	
PERIOD		0.00370	ug/m^3	r	640913.61	4177888.98	16.55	0.00	16.55	
PERIOD		0.00374	ug/m^3	r	640913.61	4177898.82	16.54	0.00	16.54	
PERIOD		0.00368	ug/m^3	r	640944.20	4177902.46	16.38	0.00	16.38	
PERIOD		0.00378	ug/m^3	r	640911.97	4177907.92	16.48	0.00	16.48	
PERIOD		0.00371	ug/m^3	r	640944.75	4177911.02	16.35	0.00	16.35	
PERIOD		0.00363	ug/m^3	r	640975.17	4177909.38	16.22	0.00	16.22	
PERIOD		0.00360	ug/m^3	r	640976.99	4177900.64	16.25	0.00	16.25	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00356	ug/m^3	r	640976.62	4177891.35	16.28	0.00	16.28	
PERIOD		0.00353	ug/m^3	r	640978.44	4177881.51	16.26	0.00	16.26	
PERIOD		0.00349	ug/m^3	r	640978.26	4177870.77	16.30	0.00	16.30	
PERIOD		0.00345	ug/m^3	r	640980.08	4177860.39	16.31	0.00	16.31	
PERIOD		0.00339	ug/m^3	r	640979.17	4177841.08	16.36	0.00	16.36	
PERIOD		0.00309	ug/m^3	r	641027.15	4177771.72	16.80	0.00	16.80	
PERIOD		0.00303	ug/m^3	r	641097.01	4177769.15	16.46	0.00	16.46	
PERIOD		0.00308	ug/m^3	r	641050.94	4177776.86	16.58	0.00	16.58	
PERIOD		0.00318	ug/m^3	r	641106.22	4177834.93	16.34	0.00	16.34	
PERIOD		0.00339	ug/m^3	r	641112.42	4177909.52	15.89	0.00	15.89	
PERIOD		0.00351	ug/m^3	r	641020.43	4177904.78	16.35	0.00	16.35	
PERIOD		0.00360	ug/m^3	r	641092.38	4177966.96	15.79	0.00	15.79	
PERIOD		0.00454	ug/m^3	r	640555.64	4178224.82	14.68	0.00	14.68	
PERIOD		0.00400	ug/m^3	r	640382.10	4178168.75	15.06	0.00	15.06	
PERIOD		0.00379	ug/m^3	r	640295.47	4178186.85	14.80	0.00	14.80	
PERIOD		0.00377	ug/m^3	r	640289.24	4178169.94	14.93	0.00	24.59	
PERIOD		0.00445	ug/m^3	r	640520.34	4178237.28	14.56	0.00	14.56	
PERIOD		0.00460	ug/m^3	r	640568.99	4178242.62	14.68	0.00	14.68	
PERIOD		0.08218	ug/m^3	r	642421.71	4179614.03	11.33	0.00	11.33	
PERIOD		0.07496	ug/m^3	r	642419.19	4179586.04	11.55	0.00	11.55	
PERIOD		0.01390	ug/m^3	r	641230.76	4179694.87	11.83	0.00	11.83	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.09010	ug/m^3	r	641806.79	4179870.63	10.26	0.00	10.26	
PERIOD		0.10132	ug/m^3	r	641825.54	4179856.53	10.36	0.00	10.36	
PERIOD		0.02545	ug/m^3	r	641492.88	4179824.18	10.67	0.00	10.67	
PERIOD		0.02455	ug/m^3	r	641482.98	4179806.49	10.62	0.00	10.62	
PERIOD		0.02024	ug/m^3	r	641401.40	4179805.19	10.73	0.00	10.73	
PERIOD		0.01702	ug/m^3	r	641322.12	4179800.31	10.62	0.00	10.62	
PERIOD		0.01342	ug/m^3	r	641199.49	4179789.22	10.67	0.00	10.67	
PERIOD		0.01412	ug/m^3	r	641226.51	4179799.31	10.67	0.00	10.67	
PERIOD		0.01490	ug/m^3	r	641254.87	4179804.73	10.50	0.00	10.50	
PERIOD		0.01576	ug/m^3	r	641284.46	4179798.64	10.58	0.00	10.58	
PERIOD		0.00649	ug/m^3	r	640672.91	4179804.60	10.57	0.00	10.57	
PERIOD		0.00864	ug/m^3	r	640909.50	4179873.06	10.45	0.00	10.45	
PERIOD		0.00588	ug/m^3	r	640576.50	4179834.99	10.64	0.00	10.64	
PERIOD		0.00533	ug/m^3	r	640471.40	4179791.88	10.57	0.00	10.57	
PERIOD		0.00521	ug/m^3	r	640443.73	4179783.09	10.83	0.00	10.83	
PERIOD		0.00542	ug/m^3	r	640490.06	4179808.83	10.59	0.00	10.59	
PERIOD		0.00476	ug/m^3	r	640298.17	4179708.55	10.87	0.00	10.87	
PERIOD		0.00514	ug/m^3	r	642150.64	4181339.61	4.85	0.00	4.85	
PERIOD		0.00389	ug/m^3	r	642186.00	4181418.01	7.29	0.00	7.29	
PERIOD		0.00471	ug/m^3	r	642076.74	4181423.01	4.93	0.00	4.93	
PERIOD		0.00492	ug/m^3	r	642050.52	4181423.14	4.58	0.00	4.58	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00527	ug/m^3	r	642015.47	4181420.37	4.60	0.00	4.60	
PERIOD		0.00496	ug/m^3	r	642015.07	4181445.02	4.71	0.00	4.71	
PERIOD		0.00264	ug/m^3	r	642806.07	4181128.16	4.97	0.00	4.97	
PERIOD		0.00190	ug/m^3	r	643211.49	4181300.90	4.80	0.00	4.80	
PERIOD		0.00185	ug/m^3	r	643199.12	4181323.37	4.79	0.00	4.79	
PERIOD		0.00181	ug/m^3	r	643298.61	4181300.90	4.44	0.00	4.44	
PERIOD		0.00178	ug/m^3	r	643326.13	4181311.50	4.53	0.00	4.53	
PERIOD		0.00175	ug/m^3	r	643346.84	4181318.07	4.50	0.00	4.50	
PERIOD		0.00175	ug/m^3	r	643321.08	4181355.19	5.00	0.00	5.00	
PERIOD		0.00121	ug/m^3	r	643007.36	4181415.17	5.45	0.00	5.45	
PERIOD		0.00102	ug/m^3	r	643051.46	4181483.78	5.49	0.00	5.49	
PERIOD		0.00084	ug/m^3	r	643044.62	4181536.90	5.24	0.00	5.24	
PERIOD		0.00052	ug/m^3	r	643074.82	4181735.00	4.31	0.00	4.31	
PERIOD		0.00042	ug/m^3	r	643086.22	4182094.01	4.58	0.00	4.58	
PERIOD		0.00039	ug/m^3	r	643112.32	4182105.50	4.56	0.00	4.56	
PERIOD		0.00053	ug/m^3	r	643546.53	4181985.18	4.06	0.00	4.06	
PERIOD		0.00049	ug/m^3	r	643513.62	4181994.64	3.90	0.00	3.90	
PERIOD		0.00049	ug/m^3	r	643562.16	4182026.32	4.07	0.00	4.07	
PERIOD		0.00070	ug/m^3	r	643691.88	4181951.64	4.69	0.00	4.69	
PERIOD		0.00098	ug/m^3	r	644094.39	4181935.13	4.86	0.00	4.86	
PERIOD		0.00101	ug/m^3	r	644141.12	4181899.90	4.90	0.00	4.90	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00098	ug/m^3	r	644267.45	4181934.22	4.95	0.00	4.95	
PERIOD		0.00097	ug/m^3	r	644287.49	4181943.88	4.85	0.00	4.85	
PERIOD		0.00095	ug/m^3	r	644292.76	4181965.65	4.78	0.00	4.78	
PERIOD		0.00091	ug/m^3	r	644292.05	4182056.81	6.89	0.00	6.89	
PERIOD		0.00157	ug/m^3	r	642259.02	4181880.67	7.16	0.00	7.16	
PERIOD		0.00142	ug/m^3	r	642310.80	4181936.64	7.27	0.00	7.27	
PERIOD		0.00143	ug/m^3	r	642273.02	4181956.93	7.39	0.00	7.39	
PERIOD		0.00117	ug/m^3	r	642495.22	4182060.53	5.17	0.00	5.17	
PERIOD		0.00111	ug/m^3	r	642520.63	4182128.95	4.82	0.00	4.82	
PERIOD		0.00110	ug/m^3	r	642460.07	4182152.93	4.89	0.00	4.89	
PERIOD		0.00110	ug/m^3	r	642395.94	4182171.85	4.89	0.00	4.89	
PERIOD		0.00110	ug/m^3	r	642354.64	4182180.55	4.85	0.00	4.85	
PERIOD		0.00112	ug/m^3	r	642309.47	4182187.07	4.89	0.00	4.89	
PERIOD		0.00113	ug/m^3	r	642280.75	4182195.60	5.04	0.00	5.04	
PERIOD		0.00107	ug/m^3	r	642284.96	4182251.52	5.06	0.00	5.06	
PERIOD		0.00105	ug/m^3	r	642294.26	4182270.05	5.02	0.00	5.02	
PERIOD		0.00115	ug/m^3	r	642091.45	4182315.72	5.07	0.00	5.07	
PERIOD		0.00131	ug/m^3	r	641887.74	4182399.30	5.07	0.00	5.07	
PERIOD		0.00486	ug/m^3	r	641273.71	4181787.58	6.87	0.00	6.87	
PERIOD		0.00500	ug/m^3	r	641291.66	4181761.78	6.62	0.00	6.62	
PERIOD		0.00803	ug/m^3	r	641217.11	4181351.16	5.94	0.00	5.94	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00535	ug/m^3	r	640660.60	4181335.03	6.14	0.00	6.14	
PERIOD		0.00585	ug/m^3	r	640788.06	4181343.64	5.94	0.00	5.94	
PERIOD		0.00594	ug/m^3	r	640803.39	4181338.45	5.94	0.00	5.94	
PERIOD		0.00510	ug/m^3	r	640649.98	4181397.27	5.41	0.00	5.41	
PERIOD		0.00281	ug/m^3	r	640648.73	4182240.43	4.11	0.00	4.11	
PERIOD		0.00335	ug/m^3	r	640586.47	4181956.43	4.05	0.00	4.05	
PERIOD		0.00331	ug/m^3	r	640547.21	4181955.64	4.18	0.00	4.18	
PERIOD		0.00209	ug/m^3	r	643437.92	4180843.06	2.54	0.00	2.54	
PERIOD		0.00187	ug/m^3	r	643481.97	4180898.97	2.54	0.00	2.54	
PERIOD		0.00233	ug/m^3	r	643433.96	4180777.27	2.63	0.00	2.63	
PERIOD		0.00170	ug/m^3	r	643661.26	4180799.81	3.40	0.00	3.40	
PERIOD		0.01188	ug/m^3	r	643358.63	4179948.56	7.24	0.00	7.24	
PERIOD		0.01192	ug/m^3	r	643364.90	4179934.14	7.30	0.00	7.30	
PERIOD		0.01056	ug/m^3	r	643369.06	4180042.08	8.11	0.00	8.11	
PERIOD		0.00888	ug/m^3	r	643467.43	4180035.35	8.23	0.00	8.23	
PERIOD		0.01157	ug/m^3	r	643303.09	4180066.52	6.80	0.00	6.80	
PERIOD		0.01115	ug/m^3	r	643292.53	4180113.09	6.82	0.00	6.82	
PERIOD		0.01012	ug/m^3	r	643351.83	4180094.85	6.59	0.00	6.59	
PERIOD		0.00833	ug/m^3	r	643450.64	4180097.01	6.22	0.00	6.22	
PERIOD		0.00779	ug/m^3	r	643491.34	4180094.80	7.11	0.00	7.11	
PERIOD		0.00921	ug/m^3	r	643349.76	4180163.14	6.28	0.00	6.28	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00729	ug/m^3	r	643408.25	4180231.85	5.77	0.00	5.77	
PERIOD		0.00627	ug/m^3	r	643467.32	4180253.70	5.80	0.00	5.80	
PERIOD		0.00544	ug/m^3	r	643521.65	4180278.59	5.50	0.00	5.50	
PERIOD		0.00478	ug/m^3	r	643572.31	4180303.75	5.37	0.00	5.37	
PERIOD		0.00454	ug/m^3	r	643533.46	4180366.45	5.09	0.00	5.09	
PERIOD		0.00358	ug/m^3	r	643621.79	4180419.99	8.03	0.00	8.03	
PERIOD		0.00292	ug/m^3	r	643700.62	4180460.54	7.92	0.00	7.92	
PERIOD		0.00194	ug/m^3	r	643875.45	4180553.54	7.92	0.00	7.92	
PERIOD		0.01515	ug/m^3	r	643262.17	4179872.86	7.65	0.00	7.65	
PERIOD		0.00552	ug/m^3	r	644358.55	4178997.60	8.74	0.00	8.74	
PERIOD		0.00535	ug/m^3	r	644360.03	4179117.34	8.37	0.00	8.37	
PERIOD		0.00515	ug/m^3	r	644400.66	4179118.33	8.38	0.00	8.38	
PERIOD		0.00508	ug/m^3	r	644391.43	4179183.34	8.30	0.00	8.30	
PERIOD		0.00519	ug/m^3	r	644346.19	4179235.67	8.00	0.00	8.00	
PERIOD		0.00498	ug/m^3	r	644358.03	4179295.58	7.62	0.00	7.62	
PERIOD		0.00473	ug/m^3	r	644377.37	4179348.51	7.39	0.00	7.39	
PERIOD		0.00453	ug/m^3	r	644370.04	4179426.85	7.14	0.00	7.14	
PERIOD		0.00442	ug/m^3	r	644366.28	4179467.77	6.98	0.00	6.98	
PERIOD		0.00404	ug/m^3	r	644392.01	4179558.11	6.89	0.00	6.89	
PERIOD		0.00420	ug/m^3	r	644363.59	4179543.35	6.81	0.00	6.81	
PERIOD		0.00401	ug/m^3	r	644353.27	4179624.50	6.82	0.00	6.82	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

AERMOD View by Lakes Environmental Software

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00382	ug/m^3	r	644348.20	4179699.91	6.66	0.00	6.66	
PERIOD		0.00366	ug/m^3	r	644350.67	4179777.56	6.55	0.00	6.55	
PERIOD		0.02239	ug/m^3	s	643056.95	4179847.93	8.07	0.00	8.07	
PERIOD		0.01577	ug/m^3	s	643249.62	4179856.27	7.72	0.00	7.72	
PERIOD		0.01430	ug/m^3	s	643244.70	4179977.45	7.48	0.00	7.48	
PERIOD		0.01233	ug/m^3	s	643320.11	4179981.67	7.10	0.00	7.10	
PERIOD		0.01143	ug/m^3	s	643317.62	4180052.81	6.83	0.00	6.83	
PERIOD		0.01999	ug/m^3	s	643048.31	4180042.53	7.22	0.00	7.22	
PERIOD		0.02217	ug/m^3	s	643061.89	4179848.14	7.88	0.00	7.88	
PERIOD		0.02196	ug/m^3	s	643066.83	4179848.36	7.82	0.00	7.82	
PERIOD		0.02176	ug/m^3	s	643071.77	4179848.57	7.83	0.00	7.83	
PERIOD		0.02156	ug/m^3	s	643076.71	4179848.79	7.80	0.00	7.80	
PERIOD		0.02136	ug/m^3	s	643081.65	4179849.00	7.76	0.00	7.76	
PERIOD		0.02117	ug/m^3	s	643086.59	4179849.21	7.74	0.00	7.74	
PERIOD		0.02097	ug/m^3	s	643091.53	4179849.43	7.72	0.00	7.72	
PERIOD		0.02078	ug/m^3	s	643096.47	4179849.64	7.71	0.00	7.71	
PERIOD		0.02059	ug/m^3	s	643101.41	4179849.85	7.70	0.00	7.70	
PERIOD		0.02041	ug/m^3	s	643106.35	4179850.07	7.70	0.00	7.70	
PERIOD		0.02023	ug/m^3	s	643111.29	4179850.28	7.73	0.00	7.73	
PERIOD		0.02004	ug/m^3	s	643116.23	4179850.50	7.74	0.00	7.74	
PERIOD		0.01986	ug/m^3	s	643121.17	4179850.71	7.75	0.00	7.75	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01969	ug/m^3	s	643126.11	4179850.92	7.75	0.00	7.75	
PERIOD		0.01951	ug/m^3	s	643131.05	4179851.14	7.75	0.00	7.75	
PERIOD		0.01934	ug/m^3	s	643135.99	4179851.35	7.76	0.00	7.76	
PERIOD		0.01917	ug/m^3	s	643140.93	4179851.57	7.75	0.00	7.75	
PERIOD		0.01900	ug/m^3	s	643145.87	4179851.78	7.74	0.00	7.74	
PERIOD		0.01883	ug/m^3	s	643150.81	4179851.99	7.77	0.00	7.77	
PERIOD		0.01867	ug/m^3	s	643155.76	4179852.21	7.81	0.00	7.81	
PERIOD		0.01851	ug/m^3	s	643160.70	4179852.42	7.85	0.00	7.85	
PERIOD		0.01834	ug/m^3	s	643165.64	4179852.63	7.87	0.00	7.87	
PERIOD		0.01818	ug/m^3	s	643170.58	4179852.85	7.88	0.00	7.88	
PERIOD		0.01802	ug/m^3	s	643175.52	4179853.06	7.87	0.00	7.87	
PERIOD		0.01786	ug/m^3	s	643180.46	4179853.28	7.87	0.00	7.87	
PERIOD		0.01770	ug/m^3	s	643185.40	4179853.49	7.88	0.00	7.88	
PERIOD		0.01754	ug/m^3	s	643190.34	4179853.70	7.87	0.00	7.87	
PERIOD		0.01738	ug/m^3	s	643195.28	4179853.92	7.87	0.00	7.87	
PERIOD		0.01723	ug/m^3	s	643200.22	4179854.13	7.86	0.00	7.86	
PERIOD		0.01708	ug/m^3	s	643205.16	4179854.35	7.86	0.00	7.86	
PERIOD		0.01693	ug/m^3	s	643210.10	4179854.56	7.86	0.00	7.86	
PERIOD		0.01678	ug/m^3	s	643215.04	4179854.77	7.85	0.00	7.85	
PERIOD		0.01663	ug/m^3	s	643219.98	4179854.99	7.83	0.00	7.83	
PERIOD		0.01649	ug/m^3	s	643224.92	4179855.20	7.82	0.00	7.82	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01634	ug/m^3	s	643229.86	4179855.41	7.80	0.00	7.80	
PERIOD		0.01620	ug/m^3	s	643234.80	4179855.63	7.79	0.00	7.79	
PERIOD		0.01606	ug/m^3	s	643239.74	4179855.84	7.77	0.00	7.77	
PERIOD		0.01591	ug/m^3	s	643244.68	4179856.06	7.74	0.00	7.74	
PERIOD		0.01567	ug/m^3	s	643249.42	4179861.12	7.68	0.00	7.68	
PERIOD		0.01560	ug/m^3	s	643249.23	4179865.96	7.67	0.00	7.67	
PERIOD		0.01554	ug/m^3	s	643249.03	4179870.81	7.66	0.00	7.66	
PERIOD		0.01548	ug/m^3	s	643248.83	4179875.66	7.65	0.00	7.65	
PERIOD		0.01542	ug/m^3	s	643248.64	4179880.51	7.64	0.00	7.64	
PERIOD		0.01537	ug/m^3	s	643248.44	4179885.35	7.63	0.00	7.63	
PERIOD		0.01531	ug/m^3	s	643248.24	4179890.20	7.63	0.00	7.63	
PERIOD		0.01526	ug/m^3	s	643248.05	4179895.05	7.63	0.00	7.63	
PERIOD		0.01521	ug/m^3	s	643247.85	4179899.89	7.63	0.00	7.63	
PERIOD		0.01515	ug/m^3	s	643247.65	4179904.74	7.64	0.00	7.64	
PERIOD		0.01510	ug/m^3	s	643247.46	4179909.59	7.64	0.00	7.64	
PERIOD		0.01505	ug/m^3	s	643247.26	4179914.44	7.66	0.00	7.66	
PERIOD		0.01500	ug/m^3	s	643247.06	4179919.28	7.69	0.00	7.69	
PERIOD		0.01494	ug/m^3	s	643246.86	4179924.13	7.71	0.00	7.71	
PERIOD		0.01488	ug/m^3	s	643246.67	4179928.98	7.67	0.00	7.67	
PERIOD		0.01483	ug/m^3	s	643246.47	4179933.83	7.64	0.00	7.64	
PERIOD		0.01477	ug/m^3	s	643246.27	4179938.67	7.62	0.00	7.62	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01471	ug/m^3	s	643246.08	4179943.52	7.59	0.00	7.59	
PERIOD		0.01465	ug/m^3	s	643245.88	4179948.37	7.56	0.00	7.56	
PERIOD		0.01460	ug/m^3	s	643245.68	4179953.21	7.53	0.00	7.53	
PERIOD		0.01454	ug/m^3	s	643245.49	4179958.06	7.50	0.00	7.50	
PERIOD		0.01448	ug/m^3	s	643245.29	4179962.91	7.48	0.00	7.48	
PERIOD		0.01442	ug/m^3	s	643245.09	4179967.76	7.48	0.00	7.48	
PERIOD		0.01436	ug/m^3	s	643244.90	4179972.60	7.48	0.00	7.48	
PERIOD		0.01417	ug/m^3	s	643249.41	4179977.71	7.48	0.00	7.48	
PERIOD		0.01404	ug/m^3	s	643254.13	4179977.98	7.45	0.00	7.45	
PERIOD		0.01391	ug/m^3	s	643258.84	4179978.24	7.42	0.00	7.42	
PERIOD		0.01365	ug/m^3	s	643268.27	4179978.77	7.32	0.00	7.32	
PERIOD		0.01352	ug/m^3	s	643272.98	4179979.03	7.28	0.00	7.28	
PERIOD		0.01339	ug/m^3	s	643277.69	4179979.30	7.23	0.00	7.23	
PERIOD		0.01327	ug/m^3	s	643282.41	4179979.56	7.19	0.00	7.19	
PERIOD		0.01314	ug/m^3	s	643287.12	4179979.82	7.15	0.00	7.15	
PERIOD		0.01302	ug/m^3	s	643291.83	4179980.09	7.11	0.00	7.11	
PERIOD		0.01290	ug/m^3	s	643296.54	4179980.35	7.08	0.00	7.08	
PERIOD		0.01278	ug/m^3	s	643301.26	4179980.62	7.07	0.00	7.07	
PERIOD		0.01267	ug/m^3	s	643305.97	4179980.88	7.07	0.00	7.07	
PERIOD		0.01255	ug/m^3	s	643310.68	4179981.14	7.07	0.00	7.07	
PERIOD		0.01244	ug/m^3	s	643315.40	4179981.41	7.08	0.00	7.08	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01227	ug/m^3	s	643319.94	4179986.41	7.15	0.00	7.15	
PERIOD		0.01221	ug/m^3	s	643319.78	4179991.16	7.11	0.00	7.11	
PERIOD		0.01215	ug/m^3	s	643319.61	4179995.90	7.07	0.00	7.07	
PERIOD		0.01210	ug/m^3	s	643319.45	4180000.64	7.04	0.00	7.04	
PERIOD		0.01204	ug/m^3	s	643319.28	4180005.38	7.01	0.00	7.01	
PERIOD		0.01198	ug/m^3	s	643319.11	4180010.13	6.98	0.00	6.98	
PERIOD		0.01192	ug/m^3	s	643318.95	4180014.87	6.96	0.00	6.96	
PERIOD		0.01186	ug/m^3	s	643318.78	4180019.61	6.94	0.00	6.94	
PERIOD		0.01180	ug/m^3	s	643318.62	4180024.35	6.93	0.00	6.93	
PERIOD		0.01174	ug/m^3	s	643318.45	4180029.10	6.92	0.00	6.92	
PERIOD		0.01168	ug/m^3	s	643318.28	4180033.84	6.92	0.00	6.92	
PERIOD		0.01162	ug/m^3	s	643318.12	4180038.58	6.91	0.00	6.91	
PERIOD		0.01156	ug/m^3	s	643317.95	4180043.32	6.88	0.00	6.88	
PERIOD		0.01149	ug/m^3	s	643317.79	4180048.07	6.84	0.00	6.84	
PERIOD		0.01155	ug/m^3	s	643312.63	4180052.62	6.84	0.00	6.84	
PERIOD		0.01166	ug/m^3	s	643307.65	4180052.43	6.88	0.00	6.88	
PERIOD		0.01179	ug/m^3	s	643302.66	4180052.24	6.93	0.00	6.93	
PERIOD		0.01191	ug/m^3	s	643297.67	4180052.05	6.97	0.00	6.97	
PERIOD		0.01203	ug/m^3	s	643292.68	4180051.86	7.02	0.00	7.02	
PERIOD		0.01215	ug/m^3	s	643287.70	4180051.67	7.07	0.00	7.07	
PERIOD		0.01228	ug/m^3	s	643282.71	4180051.48	7.13	0.00	7.13	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01241	ug/m^3	s	643277.72	4180051.29	7.17	0.00	7.17	
PERIOD		0.01266	ug/m^3	s	643267.75	4180050.91	7.19	0.00	7.19	
PERIOD		0.01279	ug/m^3	s	643262.76	4180050.72	7.16	0.00	7.16	
PERIOD		0.01292	ug/m^3	s	643257.77	4180050.53	7.07	0.00	7.07	
PERIOD		0.01305	ug/m^3	s	643252.79	4180050.34	7.04	0.00	7.04	
PERIOD		0.01318	ug/m^3	s	643247.80	4180050.14	7.02	0.00	7.02	
PERIOD		0.01331	ug/m^3	s	643242.81	4180049.95	7.02	0.00	7.02	
PERIOD		0.01345	ug/m^3	s	643237.82	4180049.76	7.04	0.00	7.04	
PERIOD		0.01359	ug/m^3	s	643232.84	4180049.57	7.10	0.00	7.10	
PERIOD		0.01374	ug/m^3	s	643227.85	4180049.38	7.16	0.00	7.16	
PERIOD		0.01389	ug/m^3	s	643222.86	4180049.19	7.23	0.00	7.23	
PERIOD		0.01403	ug/m^3	s	643217.88	4180049.00	7.25	0.00	7.25	
PERIOD		0.01418	ug/m^3	s	643212.89	4180048.81	7.27	0.00	7.27	
PERIOD		0.01433	ug/m^3	s	643207.90	4180048.62	7.28	0.00	7.28	
PERIOD		0.01448	ug/m^3	s	643202.91	4180048.43	7.29	0.00	7.29	
PERIOD		0.01463	ug/m^3	s	643197.93	4180048.24	7.30	0.00	7.30	
PERIOD		0.01478	ug/m^3	s	643192.94	4180048.05	7.29	0.00	7.29	
PERIOD		0.01493	ug/m^3	s	643187.95	4180047.86	7.29	0.00	7.29	
PERIOD		0.01509	ug/m^3	s	643182.97	4180047.67	7.28	0.00	7.28	
PERIOD		0.01524	ug/m^3	s	643177.98	4180047.48	7.28	0.00	7.28	
PERIOD		0.01540	ug/m^3	s	643172.99	4180047.29	7.28	0.00	7.28	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01556	ug/m^3	s	643168.00	4180047.10	7.27	0.00	7.27	
PERIOD		0.01573	ug/m^3	s	643163.02	4180046.91	7.26	0.00	7.26	
PERIOD		0.01589	ug/m^3	s	643158.03	4180046.72	7.24	0.00	7.24	
PERIOD		0.01605	ug/m^3	s	643153.04	4180046.53	7.22	0.00	7.22	
PERIOD		0.01622	ug/m^3	s	643148.05	4180046.34	7.19	0.00	7.19	
PERIOD		0.01639	ug/m^3	s	643143.07	4180046.15	7.17	0.00	7.17	
PERIOD		0.01656	ug/m^3	s	643138.08	4180045.96	7.14	0.00	7.14	
PERIOD		0.01673	ug/m^3	s	643133.09	4180045.77	7.11	0.00	7.11	
PERIOD		0.01690	ug/m^3	s	643128.11	4180045.58	7.10	0.00	7.10	
PERIOD		0.01708	ug/m^3	s	643123.12	4180045.39	7.09	0.00	7.09	
PERIOD		0.01726	ug/m^3	s	643118.13	4180045.20	7.10	0.00	7.10	
PERIOD		0.01744	ug/m^3	s	643113.14	4180045.00	7.11	0.00	7.11	
PERIOD		0.01762	ug/m^3	s	643108.16	4180044.81	7.11	0.00	7.11	
PERIOD		0.01781	ug/m^3	s	643103.17	4180044.62	7.13	0.00	7.13	
PERIOD		0.01800	ug/m^3	s	643098.18	4180044.43	7.14	0.00	7.14	
PERIOD		0.01819	ug/m^3	s	643093.20	4180044.24	7.15	0.00	7.15	
PERIOD		0.01838	ug/m^3	s	643088.21	4180044.05	7.15	0.00	7.15	
PERIOD		0.01857	ug/m^3	s	643083.22	4180043.86	7.15	0.00	7.15	
PERIOD		0.01877	ug/m^3	s	643078.23	4180043.67	7.16	0.00	7.16	
PERIOD		0.01897	ug/m^3	s	643073.25	4180043.48	7.16	0.00	7.16	
PERIOD		0.01917	ug/m^3	s	643068.26	4180043.29	7.16	0.00	7.16	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01937	ug/m^3	s	643063.27	4180043.10	7.16	0.00	7.16	
PERIOD		0.01957	ug/m^3	s	643058.28	4180042.91	7.17	0.00	7.17	
PERIOD		0.01978	ug/m^3	s	643053.30	4180042.72	7.19	0.00	7.19	
PERIOD		0.02006	ug/m^3	s	643048.53	4180037.54	7.23	0.00	7.23	
PERIOD		0.02012	ug/m^3	s	643048.75	4180032.55	7.23	0.00	7.23	
PERIOD		0.02019	ug/m^3	s	643048.97	4180027.56	7.20	0.00	7.20	
PERIOD		0.02025	ug/m^3	s	643049.20	4180022.57	7.17	0.00	7.17	
PERIOD		0.02031	ug/m^3	s	643049.42	4180017.58	7.17	0.00	7.17	
PERIOD		0.02037	ug/m^3	s	643049.64	4180012.59	7.16	0.00	7.16	
PERIOD		0.02043	ug/m^3	s	643049.86	4180007.60	7.17	0.00	7.17	
PERIOD		0.02050	ug/m^3	s	643050.08	4180002.61	7.17	0.00	7.17	
PERIOD		0.02056	ug/m^3	s	643050.30	4179997.62	7.19	0.00	7.19	
PERIOD		0.02062	ug/m^3	s	643050.53	4179992.63	7.21	0.00	7.21	
PERIOD		0.02069	ug/m^3	s	643050.75	4179987.64	7.21	0.00	7.21	
PERIOD		0.02075	ug/m^3	s	643050.97	4179982.65	7.21	0.00	7.21	
PERIOD		0.02081	ug/m^3	s	643051.19	4179977.66	7.23	0.00	7.23	
PERIOD		0.02087	ug/m^3	s	643051.41	4179972.67	7.26	0.00	7.26	
PERIOD		0.02094	ug/m^3	s	643051.63	4179967.68	7.31	0.00	7.31	
PERIOD		0.02100	ug/m^3	s	643051.85	4179962.69	7.37	0.00	7.37	
PERIOD		0.02107	ug/m^3	s	643052.08	4179957.70	7.48	0.00	7.48	
PERIOD		0.02115	ug/m^3	s	643052.30	4179952.71	7.61	0.00	7.61	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02121	ug/m^3	s	643052.52	4179947.72	7.67	0.00	7.67	
PERIOD		0.02127	ug/m^3	s	643052.74	4179942.74	7.70	0.00	7.70	
PERIOD		0.02134	ug/m^3	s	643052.96	4179937.75	7.73	0.00	7.73	
PERIOD		0.02139	ug/m^3	s	643053.18	4179932.76	7.75	0.00	7.75	
PERIOD		0.02145	ug/m^3	s	643053.41	4179927.77	7.77	0.00	7.77	
PERIOD		0.02151	ug/m^3	s	643053.63	4179922.78	7.80	0.00	7.80	
PERIOD		0.02157	ug/m^3	s	643053.85	4179917.79	7.83	0.00	7.83	
PERIOD		0.02163	ug/m^3	s	643054.07	4179912.80	7.87	0.00	7.87	
PERIOD		0.02169	ug/m^3	s	643054.29	4179907.81	7.90	0.00	7.90	
PERIOD		0.02174	ug/m^3	s	643054.51	4179902.82	7.92	0.00	7.92	
PERIOD		0.02180	ug/m^3	s	643054.73	4179897.83	7.94	0.00	7.94	
PERIOD		0.02185	ug/m^3	s	643054.96	4179892.84	7.96	0.00	7.96	
PERIOD		0.02191	ug/m^3	s	643055.18	4179887.85	7.97	0.00	7.97	
PERIOD		0.02196	ug/m^3	s	643055.40	4179882.86	7.96	0.00	7.96	
PERIOD		0.02201	ug/m^3	s	643055.62	4179877.87	7.95	0.00	7.95	
PERIOD		0.02206	ug/m^3	s	643055.84	4179872.88	7.94	0.00	7.94	
PERIOD		0.02212	ug/m^3	s	643056.06	4179867.89	7.95	0.00	7.95	
PERIOD		0.02218	ug/m^3	r	643056.29	4179862.90	7.98	0.00	7.98	
PERIOD		0.02225	ug/m^3	r	643056.51	4179857.91	8.01	0.00	8.01	
PERIOD		0.02231	ug/m^3	r	643056.73	4179852.92	8.03	0.00	8.03	
PERIOD		0.00058	ug/m^3	r	644709.80	4181175.99	5.24	0.00	5.24	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00130	ug/m^3	r	643845.20	4181463.75	7.71	0.00	7.71	
PERIOD		0.00088	ug/m^3	r	644330.00	4180865.21	4.60	0.00	4.60	
PERIOD		0.00082	ug/m^3	r	644452.33	4180865.29	5.27	0.00	5.27	
PERIOD		0.00085	ug/m^3	r	644512.10	4180798.27	7.93	0.00	7.93	
PERIOD		0.00098	ug/m^3	r	644319.84	4180764.59	4.35	0.00	4.35	
PERIOD		0.00101	ug/m^3	r	644308.04	4180746.23	4.90	0.00	4.90	
PERIOD		0.00137	ug/m^3	r	644138.04	4180612.81	5.41	0.00	5.41	
PERIOD		0.00160	ug/m^3	r	644879.84	4180073.43	6.41	0.00	6.41	
PERIOD		0.00167	ug/m^3	r	644852.72	4180057.70	6.58	0.00	6.58	
PERIOD		0.00166	ug/m^3	r	644815.58	4180084.08	6.54	0.00	6.54	
PERIOD		0.00340	ug/m^3	r	644434.45	4179763.78	6.41	0.00	6.41	
PERIOD		0.00327	ug/m^3	r	644480.49	4179753.87	6.37	0.00	6.37	
PERIOD		0.00312	ug/m^3	r	644533.82	4179754.07	6.24	0.00	6.24	
PERIOD		0.00303	ug/m^3	r	644572.15	4179751.45	6.22	0.00	6.22	
PERIOD		0.00292	ug/m^3	r	644614.87	4179749.47	6.36	0.00	6.36	
PERIOD		0.00281	ug/m^3	r	644666.65	4179744.39	6.25	0.00	6.25	
PERIOD		0.00272	ug/m^3	r	644709.75	4179741.55	6.42	0.00	6.42	
PERIOD		0.00291	ug/m^3	r	644654.65	4179684.42	6.98	0.00	6.98	
PERIOD		0.00263	ug/m^3	r	644756.54	4179741.37	6.28	0.00	6.28	
PERIOD		0.00254	ug/m^3	r	644802.88	4179734.95	6.43	0.00	6.43	
PERIOD		0.00371	ug/m^3	r	644438.45	4179613.05	6.74	0.00	6.74	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00366	ug/m^3	r	644419.90	4179655.61	6.44	0.00	6.44	
PERIOD		0.00353	ug/m^3	r	644515.31	4179578.76	6.95	0.00	6.95	
PERIOD		0.00328	ug/m^3	r	644568.92	4179611.72	6.77	0.00	6.77	
PERIOD		0.00312	ug/m^3	r	644632.74	4179604.09	6.97	0.00	6.97	
PERIOD		0.00310	ug/m^3	r	644622.52	4179628.84	6.75	0.00	6.75	
PERIOD		0.00292	ug/m^3	r	644692.02	4179626.72	6.77	0.00	6.77	
PERIOD		0.00288	ug/m^3	r	644715.72	4179622.20	6.74	0.00	6.74	
PERIOD		0.00291	ug/m^3	r	644736.91	4179575.92	6.98	0.00	6.98	
PERIOD		0.00236	ug/m^3	r	644896.13	4179734.33	6.68	0.00	6.68	
PERIOD		0.00242	ug/m^3	r	644890.29	4179678.94	6.88	0.00	6.88	
PERIOD		0.00253	ug/m^3	r	644870.72	4179630.27	6.88	0.00	6.88	
PERIOD		0.00266	ug/m^3	r	644844.88	4179581.26	6.89	0.00	6.89	
PERIOD		0.00283	ug/m^3	r	644811.63	4179524.16	7.12	0.00	7.12	
PERIOD		0.00272	ug/m^3	r	644888.52	4179486.80	7.31	0.00	7.31	
PERIOD		0.00288	ug/m^3	r	644843.91	4179447.63	7.35	0.00	7.35	
PERIOD		0.00310	ug/m^3	r	644751.04	4179453.34	7.24	0.00	7.24	
PERIOD		0.00334	ug/m^3	r	644687.08	4179421.77	7.25	0.00	7.25	
PERIOD		0.00354	ug/m^3	r	644651.04	4179382.11	7.43	0.00	7.43	
PERIOD		0.00317	ug/m^3	r	644781.49	4179374.57	7.52	0.00	7.52	
PERIOD		0.00326	ug/m^3	r	644638.75	4179524.00	6.77	0.00	6.77	
PERIOD		0.00306	ug/m^3	r	644704.20	4179540.46	7.02	0.00	7.02	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00343	ug/m^3	r	644720.05	4179331.30	7.66	0.00	7.66	
PERIOD		0.00377	ug/m^3	r	644652.73	4179276.83	7.82	0.00	7.82	
PERIOD		0.00396	ug/m^3	r	644594.69	4179286.60	7.81	0.00	7.81	
PERIOD		0.00407	ug/m^3	r	644553.55	4179307.88	8.03	0.00	8.03	
PERIOD		0.00376	ug/m^3	r	644582.85	4179385.45	7.42	0.00	7.42	
PERIOD		0.00369	ug/m^3	r	644547.59	4179463.84	7.26	0.00	7.26	
PERIOD		0.00340	ug/m^3	r	644587.96	4179533.53	6.99	0.00	6.99	
PERIOD		0.00388	ug/m^3	r	644464.69	4179511.51	7.11	0.00	7.11	
PERIOD		0.00412	ug/m^3	r	644458.51	4179430.01	7.27	0.00	7.27	
PERIOD		0.00397	ug/m^3	r	644481.84	4179451.80	7.24	0.00	7.24	
PERIOD		0.00414	ug/m^3	r	644511.17	4179343.07	7.49	0.00	7.49	
PERIOD		0.00492	ug/m^3	r	644422.52	4179188.89	8.22	0.00	8.22	
PERIOD		0.00457	ug/m^3	r	644494.33	4179201.46	8.16	0.00	8.16	
PERIOD		0.00447	ug/m^3	r	644536.24	4179160.11	8.33	0.00	8.33	
PERIOD		0.00465	ug/m^3	r	644510.90	4179123.08	8.42	0.00	8.42	
PERIOD		0.00476	ug/m^3	r	644479.20	4179133.58	8.35	0.00	8.35	
PERIOD		0.00491	ug/m^3	r	644448.31	4179129.95	8.47	0.00	8.47	
PERIOD		0.00478	ug/m^3	r	644452.76	4179185.46	8.12	0.00	8.12	
PERIOD		0.00449	ug/m^3	r	644819.26	4178110.75	12.44	0.00	12.44	
PERIOD		0.00560	ug/m^3	r	644432.02	4178184.01	11.91	0.00	11.91	
PERIOD		0.00711	ug/m^3	r	643789.26	4178237.48	13.01	0.00	13.01	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Unmitigated DPM\Tracy Alliance Phase 1 Unmitigated DPM.isc

AERMOD View by Lakes Environmental Software

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00545	ug/m^3	r	643119.53	4178034.41	14.98	0.00	14.98	
PERIOD		0.00400	ug/m^3	r	640400.83	4178086.93	15.28	0.00	15.28	
PERIOD		0.00230	ug/m^3	r	640651.52	4182600.78	6.74	0.00	6.74	
PERIOD		0.00234	ug/m^3	r	640381.96	4182411.74	4.34	0.00	4.34	
PERIOD		0.00259	ug/m^3	r	640647.52	4182373.39	4.00	0.00	4.00	
PERIOD		0.00271	ug/m^3	r	640650.54	4182298.58	4.20	0.00	4.20	
PERIOD		0.00173	ug/m^3	r	641085.45	4182754.82	4.65	0.00	4.65	
PERIOD		0.00174	ug/m^3	r	641137.09	4182713.73	4.54	0.00	4.54	
PERIOD		0.00057	ug/m^3	r	644304.24	4182367.65	3.81	0.00	3.81	
PERIOD		0.00054	ug/m^3	r	644313.47	4182401.60	3.57	0.00	3.57	
PERIOD		0.00044	ug/m^3	r	644346.08	4182544.35	3.82	0.00	3.82	
PERIOD		0.00041	ug/m^3	r	644342.13	4182579.51	3.77	0.00	3.77	
PERIOD		0.00046	ug/m^3	r	644298.15	4182492.21	3.32	0.00	3.32	
PERIOD		0.00029	ug/m^3		644334.86	4182819.85	3.93	0.00	3.93	

PROJECT TITLE:

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

COMMENTS:

SOURCES:

7

RECEPTORS:

4021

OUTPUT TYPE:

Concentration

MAX:

0.439 ug/m³

COMPANY NAME:

MODELER:

DATE:

2/26/2021

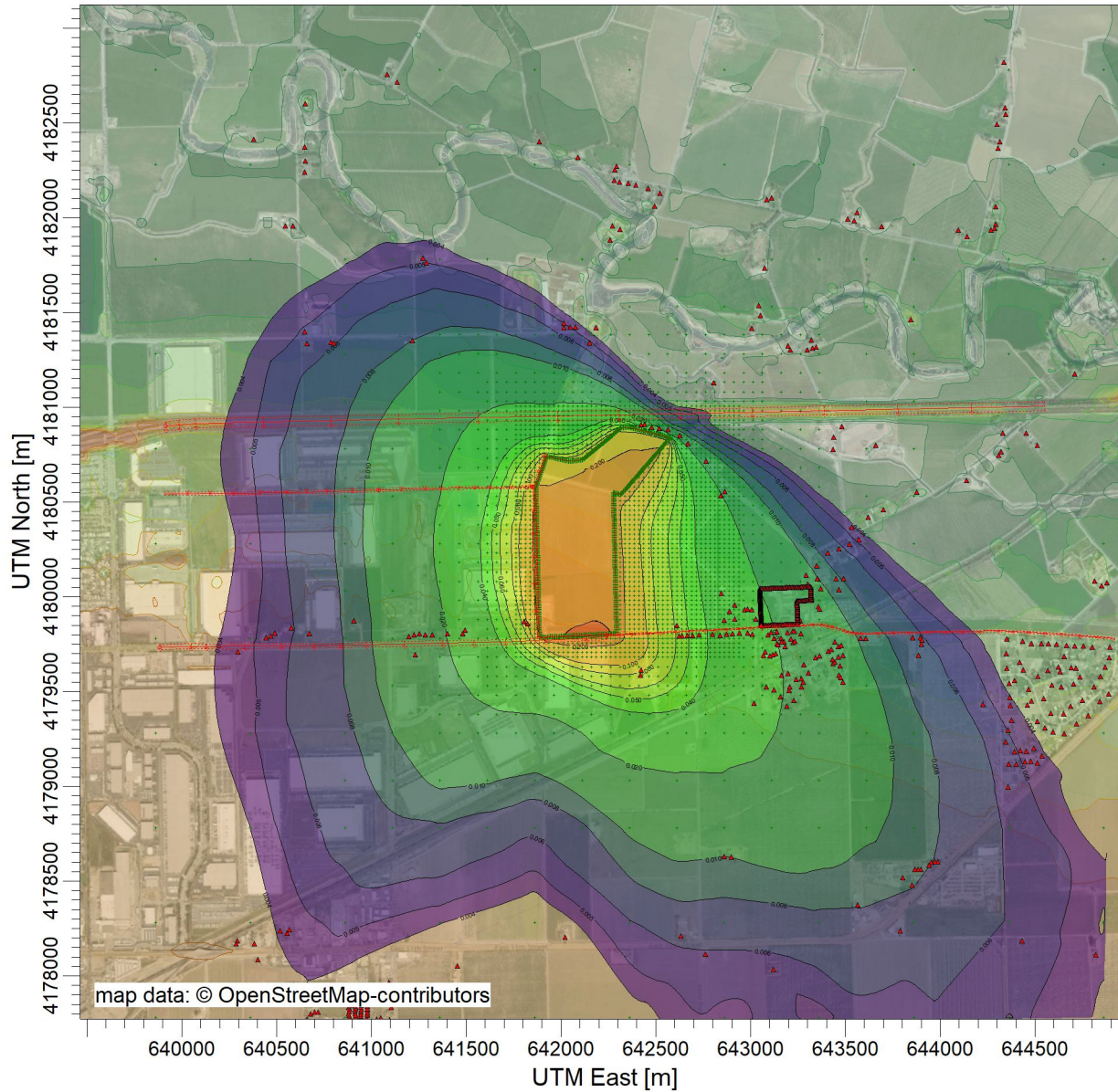
SCALE:

1:36,430

0

1 km

PROJECT NO.:



ug/m³

PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL
Max: 0.439 [ug/m³] at (642154.38, 4179799.24)



Control Pathway

AERMOD

Dispersion Options

Titles C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.	
Dispersion Options <input type="checkbox"/> Regulatory Default <input checked="" type="checkbox"/> Non-Default Options	Dispersion Coefficient Rural
<input checked="" type="checkbox"/> Elevated Terrain <input type="checkbox"/> No Stack-Tip Downwash (NOSTD) <input type="checkbox"/> Run in Screening Mode <input type="checkbox"/> Conversion of NOx to NO2 (OLM or PVMRM) <input type="checkbox"/> No Checks for Non-Sequential Met Data <input checked="" type="checkbox"/> Fast All Sources (FASTALL) <input type="checkbox"/> Fast Area Sources (FASTAREA) <input type="checkbox"/> Optimized Area Source Plume Depletion <input type="checkbox"/> Gas Deposition	Output Type <input checked="" type="checkbox"/> Concentration <input type="checkbox"/> Total Deposition (Dry & Wet) <input type="checkbox"/> Dry Deposition <input type="checkbox"/> Wet Deposition
<div style="border: 1px solid black; padding: 5px;"> BETA Options: <input type="checkbox"/> Capped and Horizontal Stack Releases <input type="checkbox"/> Adjusted Friction Velocity (u*) in AERMET (ADJ_U*) <input type="checkbox"/> Low Wind Options </div> <input type="checkbox"/> SCIM (Sampled Chronological Input Model) <input type="checkbox"/> Ignore Urban Night / Daytime Transition (NOURBTRAN)	Plume Depletion <input type="checkbox"/> Dry Removal <input type="checkbox"/> Wet Removal
	Output Warnings <input type="checkbox"/> No Output Warnings <input type="checkbox"/> Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM10	Exponential Decay <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Averaging Time Options Hours <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24 <input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual	Terrain Height Options <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated SO: Meters RE: Meters TG: Meters
Flagpole Receptors <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Default Height = 0.00 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: Tracy Alliance Phase 1 Mitigated DPM.err

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: ONSITE_DPM (On-Site DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
10.30	3.33	9.00E-9		13	641885.71	4179785.96
		9.00E-9			642293.70	4179806.14
		9.00E-9			642276.60	4180549.64
		9.00E-9			642315.69	4180538.66
		9.00E-9			642576.93	4180840.53
		9.00E-9			642354.29	4180895.68
		9.00E-9			642316.64	4180890.83
		9.00E-9			642115.71	4180723.76
		9.00E-9			642046.01	4180714.39
		9.00E-9			641925.00	4180741.38
		9.00E-9			641867.15	4180579.26
		9.00E-9			641871.68	4180231.10
		9.00E-9			641883.43	4179933.33

Source Pathway - Source Inputs

AERMOD

Line Area Sources

Source Type: LINE AREA

Source: GRANT_NARROW (Grant Line - Narrow)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	3.96E-10	2.90	642240.15	4179796.64	10.66	0.00
			642370.14	4179802.71	10.56	0.00
			642468.35	4179807.41	10.65	0.00
			642522.65	4179810.81	10.42	0.00
			642601.30	4179815.09	10.26	0.00
			642753.89	4179822.72	9.65	0.00
			642870.97	4179828.53	9.00	0.00
			642997.37	4179834.93	8.56	0.00
			643058.89	4179838.14	8.24	0.00
			643276.88	4179849.70	7.72	0.00
			643328.83	4179852.61	7.77	0.00
			643373.85	4179852.10	7.93	0.00
			643406.67	4179847.70	8.14	0.00
			643430.60	4179842.01	8.40	0.00
			643493.86	4179821.89	8.50	0.00
			643512.08	4179816.54	8.42	0.00
			643534.21	4179811.19	7.81	0.00
			643559.11	4179807.66	7.64	0.00
			643584.56	4179806.59	7.35	0.00
			643837.49	4179810.10	6.87	0.00
			644304.14	4179819.98	6.91	0.00
			644381.56	4179816.77	6.84	0.00
			644639.88	4179802.61	6.89	0.00
			644920.10	4179780.34	6.69	0.00

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: GRANT_WIDE (East Grant - Wide)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
26.00	1.33E-10	2.90	639883.36	4179734.53	10.96	3.12
			640049.70	4179738.44	10.94	3.12
			640129.07	4179736.80	10.66	3.12
			640332.13	4179739.34	10.85	3.12
			640524.85	4179740.01	11.07	3.12
			640699.18	4179740.80	11.02	3.12
			640973.64	4179747.18	10.64	3.12
			641375.73	4179755.06	10.84	3.12
			641707.80	4179761.32	10.87	3.12
			642131.46	4179782.04	10.70	3.12
			642240.64	4179788.95	10.66	3.12

Source Type: LINE AREA

Source: HWY205 (Highway 205)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
48.00	8.17E-11	2.90	639915.98	4180899.34	9.30	3.12
			639987.03	4180907.58	9.10	3.12
			640073.77	4180914.25	9.05	3.12
			641143.27	4180936.85	8.98	3.12
			641981.33	4180952.99	7.71	3.12
			642628.24	4180964.34	8.15	3.12
			643389.33	4180982.37	7.56	3.12
			644550.34	4181004.59	8.48	3.12

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: PARADISE (DPM)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
16.00	2.43E-10	2.90	641915.85	4180743.61	8.10	3.12
			641856.19	4180579.29	8.26	3.12
			641859.36	4180208.62	9.60	3.12
			641875.78	4179785.62	10.30	3.12

Source Type: LINE AREA

Source: PESCADERO_NA (Pescadero - Narrow segment)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
14.00	2.77E-10	2.90	641847.47	4180579.89	8.29	3.12
			641627.29	4180574.25	7.94	3.12
			641457.58	4180572.75	8.05	3.12
			641280.37	4180568.97	8.09	3.12
			641038.41	4180563.52	8.46	3.12

Source Type: LINE AREA

Source: PESCADERO_WI (Pescadero - Wide segment)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
16.00	2.43E-10	2.90	641038.20	4180561.57	8.45	3.12
			640899.85	4180558.22	8.73	3.12
			640764.42	4180555.11	8.64	3.12
			640553.77	4180550.04	9.05	3.12
			640271.47	4180544.80	8.14	3.12
			639907.92	4180544.35	7.59	3.12

Source Pathway - Source Inputs

AERMOD

Area Sources Generated from Line Sources

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
PARADISE	A0000001	641908.34	4180746.34	3.12	87.40	109.96	7.76	2.90
	A0000002	641878.50	4180664.18	3.12	87.40	109.96	7.67	2.90
	A0000003	641848.19	4180579.23	3.12	123.56	89.51	8.31	2.90
	A0000004	641849.25	4180455.67	3.12	123.56	89.51	8.53	2.90
	A0000005	641850.30	4180332.11	3.12	123.56	89.51	9.22	2.90
	A0000006	641851.36	4180208.31	3.12	141.11	87.78	9.53	2.90
	A0000007	641856.84	4180067.31	3.12	141.11	87.78	9.99	2.90
	A0000008	641862.31	4179926.31	3.12	141.11	87.78	10.21	2.90

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
GRANT_WIDE	A0000009	639883.67	4179721.54	3.12	166.38	358.66	10.84	2.90
	A0000010	640049.43	4179725.44	3.12	79.39	1.18	10.98	2.90
	A0000011	640129.23	4179723.80	3.12	203.07	359.28	10.73	2.90
	A0000012	640332.17	4179726.34	3.12	192.72	359.80	10.71	2.90
	A0000013	640524.91	4179727.01	3.12	174.34	359.74	10.98	2.90
	A0000014	640699.48	4179727.80	3.12	137.27	358.67	10.89	2.90
	A0000015	640836.71	4179730.99	3.12	137.27	358.67	10.89	2.90
	A0000016	640973.90	4179734.18	3.12	201.08	358.88	10.68	2.90
	A0000017	641174.94	4179738.12	3.12	201.08	358.88	10.81	2.90
	A0000018	641375.97	4179742.07	3.12	166.07	358.92	10.90	2.90
	A0000019	641542.01	4179745.19	3.12	166.07	358.92	10.74	2.90
	A0000020	641708.44	4179748.33	3.12	212.08	357.20	10.69	2.90
	A0000021	641920.26	4179758.69	3.12	212.08	357.20	10.50	2.90
	A0000022	642132.28	4179769.06	3.12	109.40	356.38	10.69	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARRO	A0000023	642240.38	4179791.65	0.00	65.07	357.33	10.66	2.90
	A0000024	642305.38	4179794.68	0.00	65.07	357.33	10.56	2.90
	A0000025	642370.38	4179797.71	0.00	98.32	357.26	10.60	2.90
	A0000026	642468.66	4179802.42	0.00	54.41	356.41	10.64	2.90
	A0000027	642522.92	4179805.82	0.00	78.77	356.89	10.54	2.90
	A0000028	642601.55	4179810.09	0.00	76.39	357.14	10.35	2.90
	A0000029	642677.85	4179813.91	0.00	76.39	357.14	9.91	2.90
	A0000030	642754.14	4179817.73	0.00	58.61	357.16	9.67	2.90
	A0000031	642812.68	4179820.63	0.00	58.61	357.16	9.22	2.90
	A0000032	642871.22	4179823.54	0.00	63.28	357.10	9.01	2.90
	A0000033	642934.42	4179826.74	0.00	63.28	357.10	8.67	2.90
	A0000034	642997.63	4179829.94	0.00	61.60	357.02	8.39	2.90
	A0000035	643059.15	4179833.15	0.00	72.77	356.96	8.14	2.90
	A0000036	643131.82	4179837.00	0.00	72.77	356.96	8.08	2.90
	A0000037	643204.48	4179840.86	0.00	72.77	356.96	7.77	2.90
	A0000038	643277.16	4179844.71	0.00	52.03	356.80	7.73	2.90
	A0000039	643328.78	4179847.61	0.00	45.02	0.64	7.75	2.90
	A0000040	643373.19	4179847.15	0.00	33.11	7.64	7.77	2.90
	A0000041	643405.51	4179842.84	0.00	24.60	13.38	8.11	2.90
	A0000042	643429.09	4179837.25	0.00	66.38	17.65	8.19	2.90
	A0000043	643492.45	4179817.09	0.00	18.99	16.38	8.49	2.90
	A0000044	643510.91	4179811.68	0.00	22.76	13.58	8.32	2.90
	A0000045	643533.51	4179806.24	0.00	25.16	8.06	7.92	2.90
	A0000046	643558.90	4179802.67	0.00	25.46	2.41	7.59	2.90
	A0000047	643584.62	4179801.59	0.00	84.32	359.21	7.31	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000048	643668.94	4179802.76	0.00	84.32	359.21	7.02	2.90
	A0000049	643753.25	4179803.93	0.00	84.32	359.21	6.74	2.90
	A0000050	643837.59	4179805.10	0.00	93.35	358.79	6.68	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
HWY205	A0000051	639918.75	4180875.50	3.12	71.52	353.38	9.02	2.90
	A0000052	639988.87	4180883.65	3.12	87.00	355.60	8.61	2.90
	A0000053	640074.28	4180890.26	3.12	356.58	358.79	8.48	2.90
	A0000054	640430.78	4180897.79	3.12	356.58	358.79	8.49	2.90
	A0000055	640787.28	4180905.32	3.12	356.58	358.79	8.59	2.90
	A0000056	641143.74	4180912.85	3.12	419.10	358.90	8.51	2.90
	A0000057	641562.76	4180920.92	3.12	419.10	358.90	7.64	2.90
	A0000058	641981.75	4180929.00	3.12	323.51	358.99	8.25	2.90
	A0000059	642305.20	4180934.67	3.12	323.51	358.99	7.12	2.90
	A0000060	642628.81	4180940.35	3.12	380.65	358.64	6.75	2.90
	A0000061	643009.35	4180949.36	3.12	380.65	358.64	7.27	2.90
	A0000062	643389.79	4180958.37	3.12	387.08	358.90	7.83	2.90
	A0000063	643776.79	4180965.78	3.12	387.08	358.90	6.85	2.90
	A0000064	644163.80	4180973.19	3.12	387.08	358.90	6.95	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
DESCADERO_N	A0000065	641847.29	4180586.89	3.12	110.13	178.53	8.24	2.90
	A0000066	641737.20	4180584.07	3.12	110.13	178.53	7.84	2.90
	A0000067	641627.23	4180581.25	3.12	84.86	179.50	7.85	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
'ESCADERO_N	A0000068	641542.37	4180580.50	3.12	84.86	179.50	7.92	2.90
	A0000069	641457.43	4180579.75	3.12	88.62	178.78	7.94	2.90
	A0000070	641368.82	4180577.86	3.12	88.62	178.78	7.95	2.90
	A0000071	641280.21	4180575.97	3.12	121.01	178.71	8.03	2.90
	A0000072	641159.23	4180573.24	3.12	121.01	178.71	8.36	2.90
'ESCADERO_W	A0000073	641038.01	4180569.57	3.12	138.39	178.61	8.65	2.90
	A0000074	640899.67	4180566.21	3.12	135.47	178.69	8.95	2.90
	A0000075	640764.23	4180563.11	3.12	105.36	178.62	8.75	2.90
	A0000076	640658.90	4180560.57	3.12	105.36	178.62	8.97	2.90
	A0000077	640553.62	4180558.04	3.12	141.17	178.94	9.02	2.90
	A0000078	640412.47	4180555.42	3.12	141.17	178.94	8.61	2.90
	A0000079	640271.46	4180552.80	3.12	121.19	179.93	8.11	2.90
	A0000080	640150.28	4180552.65	3.12	121.19	179.93	7.70	2.90
	A0000081	640029.09	4180552.50	3.12	121.19	179.93	7.77	2.90
	RANT_NARRO	A0000082	643930.92	4179807.08	0.00	93.35	358.79	6.50
A0000083		644024.26	4179809.05	0.00	93.35	358.79	6.50	2.90
A0000084		644117.59	4179811.03	0.00	93.35	358.79	6.49	2.90
A0000085		644210.92	4179813.00	0.00	93.35	358.79	6.58	2.90
A0000086		644303.93	4179814.98	0.00	77.49	2.37	6.83	2.90
A0000087		644381.29	4179811.78	0.00	86.23	3.14	6.69	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000088	644467.39	4179807.06	0.00	86.23	3.14	6.78	2.90
	A0000089	644553.50	4179802.34	0.00	86.23	3.14	6.78	2.90
	A0000090	644639.48	4179797.63	0.00	93.70	4.54	6.67	2.90
	A0000091	644732.89	4179790.20	0.00	93.70	4.54	6.64	2.90
	A0000092	644826.30	4179782.78	0.00	93.70	4.54	6.68	2.90

Receptor Pathway

AERMOD

Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Discrete Cartesian Receptors

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	642423.59	4180906.20		5.74	
2	642441.65	4180909.13		5.71	
3	642480.08	4180894.46		6.83	
4	642519.76	4180888.29		5.42	
5	642566.51	4180882.54		5.07	
6	642626.31	4180850.18		5.27	
7	642669.21	4180807.50		4.70	
8	642766.30	4180717.00		5.31	
9	642864.59	4180554.77		5.81	
10	642843.70	4180532.79		5.99	
11	642612.01	4179848.87		9.81	
12	642624.90	4179791.78		10.39	
13	642639.86	4179791.65		10.35	
14	642667.43	4179795.46		9.94	
15	642693.29	4179797.16		9.84	
16	642728.95	4179797.77		9.79	
17	642798.23	4179801.48		9.03	
18	642838.25	4179796.55		8.93	
19	642873.35	4179801.20		8.83	
20	642903.14	4179804.04		8.64	
21	642861.85	4179877.44		8.79	
22	642915.46	4179883.14		9.24	
23	642889.34	4179922.70		8.80	
24	642916.53	4179957.30		8.35	
25	642846.92	4180017.86		8.29	
26	642969.73	4179932.63		8.53	
27	642984.82	4179936.19		8.37	
28	643006.43	4179931.45		8.58	
29	643027.44	4179882.32		8.62	
30	642942.74	4179809.51		8.49	

Receptor Pathway

AERMOD

31	642986.00	4179809.05	8.33
32	643009.48	4179802.10	8.33
33	643092.88	4179800.30	7.67
34	643107.73	4179811.01	7.72
35	643138.65	4179813.25	8.23
36	643123.91	4179779.64	8.25
37	643160.42	4179780.20	8.27
38	643175.36	4179761.55	8.29
39	643163.42	4179763.67	8.32
40	643139.64	4179753.74	8.35
41	643144.44	4179746.59	8.39
42	643213.32	4179778.97	8.13
43	643220.99	4179818.86	7.81
44	643231.24	4179817.25	7.83
45	643195.08	4179812.50	7.85
46	643266.55	4179806.39	7.79
47	643225.65	4179758.26	8.28
48	643235.56	4179763.82	8.27
49	643180.87	4179738.16	8.54
50	643132.53	4179699.67	8.87
51	643117.14	4179693.48	8.81
52	643101.08	4179686.86	8.98
53	643069.34	4179691.13	9.02
54	643077.53	4179710.91	8.88
55	643018.96	4179438.01	10.05
56	643084.59	4179523.29	9.74
57	643123.69	4179508.56	9.65
58	643205.32	4179504.68	9.73
59	643205.63	4179524.47	9.49
60	643228.04	4179453.82	9.60
61	643191.32	4179422.31	9.37
62	643156.40	4179471.78	9.88
63	643267.56	4179525.34	9.42
64	643239.54	4179565.68	9.28
65	643269.96	4179568.47	9.13
66	643276.56	4179548.69	9.25
67	643304.54	4179598.63	8.34
68	643198.44	4179596.54	9.10

Receptor Pathway

AERMOD

69	643165.27	4179587.66	9.05
70	643279.62	4179642.39	8.41
71	643342.12	4179677.63	8.40
72	643365.52	4179686.82	8.14
73	643412.02	4179712.59	8.03
74	643426.83	4179720.88	8.06
75	643443.06	4179763.53	7.71
76	643462.19	4179738.10	7.72
77	643477.05	4179744.65	7.75
78	643609.19	4179779.40	6.99
79	643581.34	4179779.40	7.10
80	643486.28	4179690.48	7.69
81	643461.70	4179683.07	7.85
82	643435.58	4179649.08	7.89
83	643445.96	4179656.83	7.86
84	643433.08	4179668.66	7.88
85	643472.43	4179636.73	7.74
86	643467.63	4179586.55	7.66
87	643474.60	4179575.24	7.82
88	643488.40	4179549.74	7.60
89	644226.05	4179433.08	7.30
90	643856.00	4179782.95	6.39
91	643894.54	4179783.96	6.19
92	643904.86	4179771.37	6.11
93	643902.09	4179750.97	6.08
94	643884.46	4179690.78	6.26
95	643988.56	4178601.40	11.42
96	643970.67	4178600.51	11.44
97	643953.35	4178599.84	11.46
98	643940.61	4178583.63	11.57
99	643898.25	4178561.06	11.56
100	643882.49	4178560.50	11.54
101	643868.08	4178560.61	11.50
102	643850.61	4178477.15	12.36
103	643802.93	4178519.25	11.99
104	643566.21	4178374.81	12.85
105	642899.11	4178625.63	13.25
106	642861.77	4178630.37	13.35

Receptor Pathway

AERMOD

107	642634.32	4178208.71	14.34
108	642761.13	4178115.10	14.42
109	642021.23	4178205.01	14.76
110	641455.17	4178051.75	15.53
111	640663.35	4177956.52	16.03
112	640591.80	4177954.95	16.27
113	640596.52	4177721.41	16.97
114	640657.83	4177883.48	16.30
115	640682.46	4177911.49	16.15
116	640695.49	4177909.55	16.19
117	640717.22	4177907.62	16.19
118	640718.67	4177867.06	16.41
119	640699.36	4177856.92	16.47
120	640661.69	4177868.02	16.36
121	640679.07	4177800.90	16.71
122	640699.84	4177807.66	16.56
123	640721.09	4177809.59	16.64
124	640660.72	4177772.41	16.71
125	640702.74	4177753.09	16.93
126	640669.42	4177758.89	16.73
127	640743.35	4177756.71	16.91
128	640801.27	4177764.04	16.95
129	640850.11	4177764.04	16.95
130	640883.26	4177755.67	16.90
131	640884.30	4177764.39	16.93
132	640885.00	4177773.81	16.93
133	640885.00	4177782.53	16.93
134	640883.26	4177791.95	16.90
135	640916.40	4177756.36	16.97
136	640946.76	4177754.97	16.87
137	640947.11	4177767.88	16.73
138	640916.75	4177765.78	16.94
139	640946.06	4177777.65	16.71
140	640917.80	4177775.20	16.88
141	640945.36	4177787.42	16.70
142	640917.80	4177784.97	16.88
143	640914.31	4177804.16	16.85
144	640916.40	4177794.39	16.87

Receptor Pathway

AERMOD

145	640943.62	4177804.86	16.66
146	640945.71	4177795.79	16.69
147	640979.90	4177758.81	16.68
148	640978.16	4177769.27	16.64
149	640976.41	4177776.95	16.63
150	640978.16	4177792.30	16.53
151	640978.85	4177801.02	16.50
152	640977.81	4177809.40	16.48
153	640978.51	4177820.56	16.46
154	640977.81	4177828.59	16.44
155	640879.77	4177800.67	16.84
156	640883.61	4177813.23	16.81
157	640885.35	4177824.75	16.84
158	640915.24	4177814.31	16.81
159	640945.30	4177816.13	16.60
160	640947.12	4177825.60	16.60
161	640915.97	4177824.87	16.78
162	640916.34	4177835.07	16.75
163	640946.57	4177835.98	16.57
164	640946.75	4177845.63	16.52
165	640915.61	4177844.18	16.73
166	640879.91	4177832.52	16.80
167	640885.19	4177842.36	16.74
168	640884.46	4177851.64	16.68
169	640916.34	4177852.74	16.71
170	640945.30	4177854.74	16.47
171	640945.48	4177863.12	16.45
172	640915.06	4177861.30	16.67
173	640883.19	4177861.12	16.61
174	640883.92	4177871.31	16.54
175	640885.38	4177879.87	16.49
176	640883.19	4177890.80	16.49
177	640915.97	4177871.68	16.61
178	640914.88	4177881.70	16.58
179	640944.20	4177871.86	16.44
180	640945.30	4177883.15	16.39
181	640944.57	4177893.17	16.37
182	640913.61	4177888.98	16.55

Receptor Pathway

AERMOD

183	640913.61	4177898.82	16.54
184	640944.20	4177902.46	16.38
185	640911.97	4177907.92	16.48
186	640944.75	4177911.02	16.35
187	640975.17	4177909.38	16.22
188	640976.99	4177900.64	16.25
189	640976.62	4177891.35	16.28
190	640978.44	4177881.51	16.26
191	640978.26	4177870.77	16.30
192	640980.08	4177860.39	16.31
193	640979.17	4177841.08	16.36
194	641027.15	4177771.72	16.80
195	641097.01	4177769.15	16.46
196	641050.94	4177776.86	16.58
197	641106.22	4177834.93	16.34
198	641112.42	4177909.52	15.89
199	641020.43	4177904.78	16.35
200	641092.38	4177966.96	15.79
201	640555.64	4178224.82	14.68
202	640382.10	4178168.75	15.06
203	640295.47	4178186.85	14.80
204	640289.24	4178169.94	14.93
205	640520.34	4178237.28	14.56
206	640568.99	4178242.62	14.68
207	642421.71	4179614.03	11.33
208	642419.19	4179586.04	11.55
209	641230.76	4179694.87	11.83
210	641806.79	4179870.63	10.26
211	641825.54	4179856.53	10.36
212	641492.88	4179824.18	10.67
213	641482.98	4179806.49	10.62
214	641401.40	4179805.19	10.73
215	641322.12	4179800.31	10.62
216	641199.49	4179789.22	10.67
217	641226.51	4179799.31	10.67
218	641254.87	4179804.73	10.50
219	641284.46	4179798.64	10.58
220	640672.91	4179804.60	10.57

Receptor Pathway

AERMOD

221	640909.50	4179873.06	10.45
222	640576.50	4179834.99	10.64
223	640471.40	4179791.88	10.57
224	640443.73	4179783.09	10.83
225	640490.06	4179808.83	10.59
226	640298.17	4179708.55	10.87
227	642150.64	4181339.61	4.85
228	642186.00	4181418.01	7.29
229	642076.74	4181423.01	4.93
230	642050.52	4181423.14	4.58
231	642015.47	4181420.37	4.60
232	642015.07	4181445.02	4.71
233	642806.07	4181128.16	4.97
234	643211.49	4181300.90	4.80
235	643199.12	4181323.37	4.79
236	643298.61	4181300.90	4.44
237	643326.13	4181311.50	4.53
238	643346.84	4181318.07	4.50
239	643321.08	4181355.19	5.00
240	643007.36	4181415.17	5.45
241	643051.46	4181483.78	5.49
242	643044.62	4181536.90	5.24
243	643074.82	4181735.00	4.31
244	643086.22	4182094.01	4.58
245	643112.32	4182105.50	4.56
246	643546.53	4181985.18	4.06
247	643513.62	4181994.64	3.90
248	643562.16	4182026.32	4.07
249	643691.88	4181951.64	4.69
250	644094.39	4181935.13	4.86
251	644141.12	4181899.90	4.90
252	644267.45	4181934.22	4.95
253	644287.49	4181943.88	4.85
254	644292.76	4181965.65	4.78
255	644292.05	4182056.81	6.89
256	642259.02	4181880.67	7.16
257	642310.80	4181936.64	7.27
258	642273.02	4181956.93	7.39

Receptor Pathway

AERMOD

259	642495.22	4182060.53	5.17
260	642520.63	4182128.95	4.82
261	642460.07	4182152.93	4.89
262	642395.94	4182171.85	4.89
263	642354.64	4182180.55	4.85
264	642309.47	4182187.07	4.89
265	642280.75	4182195.60	5.04
266	642284.96	4182251.52	5.06
267	642294.26	4182270.05	5.02
268	642091.45	4182315.72	5.07
269	641887.74	4182399.30	5.07
270	641273.71	4181787.58	6.87
271	641291.66	4181761.78	6.62
272	641217.11	4181351.16	5.94
273	640660.60	4181335.03	6.14
274	640788.06	4181343.64	5.94
275	640803.39	4181338.45	5.94
276	640649.98	4181397.27	5.41
277	640648.73	4182240.43	4.11
278	640586.47	4181956.43	4.05
279	640547.21	4181955.64	4.18
280	643437.92	4180843.06	2.54
281	643481.97	4180898.97	2.54
282	643433.96	4180777.27	2.63
283	643661.26	4180799.81	3.40
284	643358.63	4179948.56	7.24
285	643364.90	4179934.14	7.30
286	643369.06	4180042.08	8.11
287	643467.43	4180035.35	8.23
288	643303.09	4180066.52	6.80
289	643292.53	4180113.09	6.82
290	643351.83	4180094.85	6.59
291	643450.64	4180097.01	6.22
292	643491.34	4180094.80	7.11
293	643349.76	4180163.14	6.28
294	643408.25	4180231.85	5.77
295	643467.32	4180253.70	5.80
296	643521.65	4180278.59	5.50

Receptor Pathway

AERMOD

297	643572.31	4180303.75		5.37
298	643533.46	4180366.45		5.09
299	643621.79	4180419.99		8.03
300	643700.62	4180460.54		7.92
301	643875.45	4180553.54		7.92
302	643262.17	4179872.86		7.65
303	644358.55	4178997.60		8.74
304	644360.03	4179117.34		8.37
305	644400.66	4179118.33		8.38
306	644391.43	4179183.34		8.30
307	644346.19	4179235.67		8.00
308	644358.03	4179295.58		7.62
309	644377.37	4179348.51		7.39
310	644370.04	4179426.85		7.14
311	644366.28	4179467.77		6.98
312	644392.01	4179558.11		6.89
313	644363.59	4179543.35		6.81
314	644353.27	4179624.50		6.82
315	644348.20	4179699.91		6.66
316	644350.67	4179777.56		6.55
317	643056.95	4179847.93	FENCEPRI	8.07
318	643249.62	4179856.27	FENCEPRI	7.72
319	643244.70	4179977.45	FENCEPRI	7.48
320	643320.11	4179981.67	FENCEPRI	7.10
321	643317.62	4180052.81	FENCEPRI	6.83
322	643048.31	4180042.53	FENCEPRI	7.22
323	643061.89	4179848.14	FENCEINT	7.88
324	643066.83	4179848.36	FENCEINT	7.82
325	643071.77	4179848.57	FENCEINT	7.83
326	643076.71	4179848.79	FENCEINT	7.80
327	643081.65	4179849.00	FENCEINT	7.76
328	643086.59	4179849.21	FENCEINT	7.74
329	643091.53	4179849.43	FENCEINT	7.72
330	643096.47	4179849.64	FENCEINT	7.71
331	643101.41	4179849.85	FENCEINT	7.70
332	643106.35	4179850.07	FENCEINT	7.70
333	643111.29	4179850.28	FENCEINT	7.73
334	643116.23	4179850.50	FENCEINT	7.74

Receptor Pathway

AERMOD

335	643121.17	4179850.71	FENCEINT	7.75
336	643126.11	4179850.92	FENCEINT	7.75
337	643131.05	4179851.14	FENCEINT	7.75
338	643135.99	4179851.35	FENCEINT	7.76
339	643140.93	4179851.57	FENCEINT	7.75
340	643145.87	4179851.78	FENCEINT	7.74
341	643150.81	4179851.99	FENCEINT	7.77
342	643155.76	4179852.21	FENCEINT	7.81
343	643160.70	4179852.42	FENCEINT	7.85
344	643165.64	4179852.63	FENCEINT	7.87
345	643170.58	4179852.85	FENCEINT	7.88
346	643175.52	4179853.06	FENCEINT	7.87
347	643180.46	4179853.28	FENCEINT	7.87
348	643185.40	4179853.49	FENCEINT	7.88
349	643190.34	4179853.70	FENCEINT	7.87
350	643195.28	4179853.92	FENCEINT	7.87
351	643200.22	4179854.13	FENCEINT	7.86
352	643205.16	4179854.35	FENCEINT	7.86
353	643210.10	4179854.56	FENCEINT	7.86
354	643215.04	4179854.77	FENCEINT	7.85
355	643219.98	4179854.99	FENCEINT	7.83
356	643224.92	4179855.20	FENCEINT	7.82
357	643229.86	4179855.41	FENCEINT	7.80
358	643234.80	4179855.63	FENCEINT	7.79
359	643239.74	4179855.84	FENCEINT	7.77
360	643244.68	4179856.06	FENCEINT	7.74
361	643249.42	4179861.12	FENCEINT	7.68
362	643249.23	4179865.96	FENCEINT	7.67
363	643249.03	4179870.81	FENCEINT	7.66
364	643248.83	4179875.66	FENCEINT	7.65
365	643248.64	4179880.51	FENCEINT	7.64
366	643248.44	4179885.35	FENCEINT	7.63
367	643248.24	4179890.20	FENCEINT	7.63
368	643248.05	4179895.05	FENCEINT	7.63
369	643247.85	4179899.89	FENCEINT	7.63
370	643247.65	4179904.74	FENCEINT	7.64
371	643247.46	4179909.59	FENCEINT	7.64
372	643247.26	4179914.44	FENCEINT	7.66

Receptor Pathway

AERMOD

373	643247.06	4179919.28	FENCEINT	7.69
374	643246.86	4179924.13	FENCEINT	7.71
375	643246.67	4179928.98	FENCEINT	7.67
376	643246.47	4179933.83	FENCEINT	7.64
377	643246.27	4179938.67	FENCEINT	7.62
378	643246.08	4179943.52	FENCEINT	7.59
379	643245.88	4179948.37	FENCEINT	7.56
380	643245.68	4179953.21	FENCEINT	7.53
381	643245.49	4179958.06	FENCEINT	7.50
382	643245.29	4179962.91	FENCEINT	7.48
383	643245.09	4179967.76	FENCEINT	7.48
384	643244.90	4179972.60	FENCEINT	7.48
385	643249.41	4179977.71	FENCEINT	7.48
386	643254.13	4179977.98	FENCEINT	7.45
387	643258.84	4179978.24	FENCEINT	7.42
388	643263.55	4179978.51	FENCEINT	7.37
389	643268.27	4179978.77	FENCEINT	7.32
390	643272.98	4179979.03	FENCEINT	7.28
391	643277.69	4179979.30	FENCEINT	7.23
392	643282.41	4179979.56	FENCEINT	7.19
393	643287.12	4179979.82	FENCEINT	7.15
394	643291.83	4179980.09	FENCEINT	7.11
395	643296.54	4179980.35	FENCEINT	7.08
396	643301.26	4179980.62	FENCEINT	7.07
397	643305.97	4179980.88	FENCEINT	7.07
398	643310.68	4179981.14	FENCEINT	7.07
399	643315.40	4179981.41	FENCEINT	7.08
400	643319.94	4179986.41	FENCEINT	7.15
401	643319.78	4179991.16	FENCEINT	7.11
402	643319.61	4179995.90	FENCEINT	7.07
403	643319.45	4180000.64	FENCEINT	7.04
404	643319.28	4180005.38	FENCEINT	7.01
405	643319.11	4180010.13	FENCEINT	6.98
406	643318.95	4180014.87	FENCEINT	6.96
407	643318.78	4180019.61	FENCEINT	6.94
408	643318.62	4180024.35	FENCEINT	6.93
409	643318.45	4180029.10	FENCEINT	6.92
410	643318.28	4180033.84	FENCEINT	6.92

Receptor Pathway

AERMOD

411	643318.12	4180038.58	FENCEINT	6.91
412	643317.95	4180043.32	FENCEINT	6.88
413	643317.79	4180048.07	FENCEINT	6.84
414	643312.63	4180052.62	FENCEINT	6.84
415	643307.65	4180052.43	FENCEINT	6.88
416	643302.66	4180052.24	FENCEINT	6.93
417	643297.67	4180052.05	FENCEINT	6.97
418	643292.68	4180051.86	FENCEINT	7.02
419	643287.70	4180051.67	FENCEINT	7.07
420	643282.71	4180051.48	FENCEINT	7.13
421	643277.72	4180051.29	FENCEINT	7.17
422	643272.74	4180051.10	FENCEINT	7.21
423	643267.75	4180050.91	FENCEINT	7.19
424	643262.76	4180050.72	FENCEINT	7.16
425	643257.77	4180050.53	FENCEINT	7.07
426	643252.79	4180050.34	FENCEINT	7.04
427	643247.80	4180050.14	FENCEINT	7.02
428	643242.81	4180049.95	FENCEINT	7.02
429	643237.82	4180049.76	FENCEINT	7.04
430	643232.84	4180049.57	FENCEINT	7.10
431	643227.85	4180049.38	FENCEINT	7.16
432	643222.86	4180049.19	FENCEINT	7.23
433	643217.88	4180049.00	FENCEINT	7.25
434	643212.89	4180048.81	FENCEINT	7.27
435	643207.90	4180048.62	FENCEINT	7.28
436	643202.91	4180048.43	FENCEINT	7.29
437	643197.93	4180048.24	FENCEINT	7.30
438	643192.94	4180048.05	FENCEINT	7.29
439	643187.95	4180047.86	FENCEINT	7.29
440	643182.97	4180047.67	FENCEINT	7.28
441	643177.98	4180047.48	FENCEINT	7.28
442	643172.99	4180047.29	FENCEINT	7.28
443	643168.00	4180047.10	FENCEINT	7.27
444	643163.02	4180046.91	FENCEINT	7.26
445	643158.03	4180046.72	FENCEINT	7.24
446	643153.04	4180046.53	FENCEINT	7.22
447	643148.05	4180046.34	FENCEINT	7.19
448	643143.07	4180046.15	FENCEINT	7.17

Receptor Pathway

AERMOD

449	643138.08	4180045.96	FENCEINT	7.14
450	643133.09	4180045.77	FENCEINT	7.11
451	643128.11	4180045.58	FENCEINT	7.10
452	643123.12	4180045.39	FENCEINT	7.09
453	643118.13	4180045.20	FENCEINT	7.10
454	643113.14	4180045.00	FENCEINT	7.11
455	643108.16	4180044.81	FENCEINT	7.11
456	643103.17	4180044.62	FENCEINT	7.13
457	643098.18	4180044.43	FENCEINT	7.14
458	643093.20	4180044.24	FENCEINT	7.15
459	643088.21	4180044.05	FENCEINT	7.15
460	643083.22	4180043.86	FENCEINT	7.15
461	643078.23	4180043.67	FENCEINT	7.16
462	643073.25	4180043.48	FENCEINT	7.16
463	643068.26	4180043.29	FENCEINT	7.16
464	643063.27	4180043.10	FENCEINT	7.16
465	643058.28	4180042.91	FENCEINT	7.17
466	643053.30	4180042.72	FENCEINT	7.19
467	643048.53	4180037.54	FENCEINT	7.23
468	643048.75	4180032.55	FENCEINT	7.23
469	643048.97	4180027.56	FENCEINT	7.20
470	643049.20	4180022.57	FENCEINT	7.17
471	643049.42	4180017.58	FENCEINT	7.17
472	643049.64	4180012.59	FENCEINT	7.16
473	643049.86	4180007.60	FENCEINT	7.17
474	643050.08	4180002.61	FENCEINT	7.17
475	643050.30	4179997.62	FENCEINT	7.19
476	643050.53	4179992.63	FENCEINT	7.21
477	643050.75	4179987.64	FENCEINT	7.21
478	643050.97	4179982.65	FENCEINT	7.21
479	643051.19	4179977.66	FENCEINT	7.23
480	643051.41	4179972.67	FENCEINT	7.26
481	643051.63	4179967.68	FENCEINT	7.31
482	643051.85	4179962.69	FENCEINT	7.37
483	643052.08	4179957.70	FENCEINT	7.48
484	643052.30	4179952.71	FENCEINT	7.61
485	643052.52	4179947.72	FENCEINT	7.67
486	643052.74	4179942.74	FENCEINT	7.70

Receptor Pathway

AERMOD

487	643052.96	4179937.75	FENCEINT	7.73
488	643053.18	4179932.76	FENCEINT	7.75
489	643053.41	4179927.77	FENCEINT	7.77
490	643053.63	4179922.78	FENCEINT	7.80
491	643053.85	4179917.79	FENCEINT	7.83
492	643054.07	4179912.80	FENCEINT	7.87
493	643054.29	4179907.81	FENCEINT	7.90
494	643054.51	4179902.82	FENCEINT	7.92
495	643054.73	4179897.83	FENCEINT	7.94
496	643054.96	4179892.84	FENCEINT	7.96
497	643055.18	4179887.85	FENCEINT	7.97
498	643055.40	4179882.86	FENCEINT	7.96
499	643055.62	4179877.87	FENCEINT	7.95
500	643055.84	4179872.88	FENCEINT	7.94
501	643056.06	4179867.89	FENCEINT	7.95
502	643056.29	4179862.90	FENCEINT	7.98
503	643056.51	4179857.91	FENCEINT	8.01
504	643056.73	4179852.92	FENCEINT	8.03
505	644709.80	4181175.99		5.24
506	643845.20	4181463.75		7.71
507	644330.00	4180865.21		4.60
508	644452.33	4180865.29		5.27
509	644512.10	4180798.27		7.93
510	644319.84	4180764.59		4.35
511	644308.04	4180746.23		4.90
512	644138.04	4180612.81		5.41
513	644879.84	4180073.43		6.41
514	644852.72	4180057.70		6.58
515	644815.58	4180084.08		6.54
516	644434.45	4179763.78		6.41
517	644480.49	4179753.87		6.37
518	644533.82	4179754.07		6.24
519	644572.15	4179751.45		6.22
520	644614.87	4179749.47		6.36
521	644666.65	4179744.39		6.25
522	644709.75	4179741.55		6.42
523	644654.65	4179684.42		6.98
524	644756.54	4179741.37		6.28

Receptor Pathway

AERMOD

525	644802.88	4179734.95	6.43
526	644438.45	4179613.05	6.74
527	644419.90	4179655.61	6.44
528	644515.31	4179578.76	6.95
529	644568.92	4179611.72	6.77
530	644632.74	4179604.09	6.97
531	644622.52	4179628.84	6.75
532	644692.02	4179626.72	6.77
533	644715.72	4179622.20	6.74
534	644736.91	4179575.92	6.98
535	644896.13	4179734.33	6.68
536	644890.29	4179678.94	6.88
537	644870.72	4179630.27	6.88
538	644844.88	4179581.26	6.89
539	644811.63	4179524.16	7.12
540	644888.52	4179486.80	7.31
541	644843.91	4179447.63	7.35
542	644751.04	4179453.34	7.24
543	644687.08	4179421.77	7.25
544	644651.04	4179382.11	7.43
545	644781.49	4179374.57	7.52
546	644638.75	4179524.00	6.77
547	644704.20	4179540.46	7.02
548	644720.05	4179331.30	7.66
549	644652.73	4179276.83	7.82
550	644594.69	4179286.60	7.81
551	644553.55	4179307.88	8.03
552	644582.85	4179385.45	7.42
553	644547.59	4179463.84	7.26
554	644587.96	4179533.53	6.99
555	644464.69	4179511.51	7.11
556	644458.51	4179430.01	7.27
557	644481.84	4179451.80	7.24
558	644511.17	4179343.07	7.49
559	644422.52	4179188.89	8.22
560	644494.33	4179201.46	8.16
561	644536.24	4179160.11	8.33
562	644510.90	4179123.08	8.42

Receptor Pathway

AERMOD

563	644479.20	4179133.58	8.35
564	644448.31	4179129.95	8.47
565	644452.76	4179185.46	8.12
566	644819.26	4178110.75	12.44
567	644432.02	4178184.01	11.91
568	643789.26	4178237.48	13.01
569	643119.53	4178034.41	14.98
570	640400.83	4178086.93	15.28
571	640651.52	4182600.78	6.74
572	640381.96	4182411.74	4.34
573	640647.52	4182373.39	4.00
574	640650.54	4182298.58	4.20
575	641085.45	4182754.82	4.65
576	641137.09	4182713.73	4.54
577	644304.24	4182367.65	3.81
578	644313.47	4182401.60	3.57
579	644346.08	4182544.35	3.82
580	644342.13	4182579.51	3.77
581	644298.15	4182492.21	3.32
582	644334.86	4182819.85	3.93

Plant Boundary Receptors

Receptor Pathway

AERMOD

Cartesian Plant Boundary

Primary

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643056.95	4179847.93	FENCEPRI	8.07	
2	643249.62	4179856.27	FENCEPRI	7.72	
3	643244.70	4179977.45	FENCEPRI	7.48	
4	643320.11	4179981.67	FENCEPRI	7.10	
5	643317.62	4180052.81	FENCEPRI	6.83	
6	643048.31	4180042.53	FENCEPRI	7.22	
7	641885.60	4179786.01	FENCEPRI	10.30	
8	642293.74	4179806.10	FENCEPRI	10.41	
9	642276.59	4180549.65	FENCEPRI	7.71	
10	642315.67	4180538.68	FENCEPRI	7.78	
11	642576.93	4180840.52	FENCEPRI	5.31	
12	642354.28	4180895.71	FENCEPRI	5.94	
13	642316.66	4180890.84	FENCEPRI	6.07	
14	642115.77	4180723.80	FENCEPRI	7.00	
15	642045.99	4180714.36	FENCEPRI	7.10	
16	641925.03	4180741.35	FENCEPRI	7.28	
17	641867.13	4180579.25	FENCEPRI	8.04	

Intermediate

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643061.89	4179848.14	FENCEINT	7.88	
2	643066.83	4179848.36	FENCEINT	7.82	
3	643071.77	4179848.57	FENCEINT	7.83	
4	643076.71	4179848.79	FENCEINT	7.80	
5	643081.65	4179849.00	FENCEINT	7.76	
6	643086.59	4179849.21	FENCEINT	7.74	
7	643091.53	4179849.43	FENCEINT	7.72	
8	643096.47	4179849.64	FENCEINT	7.71	
9	643101.41	4179849.85	FENCEINT	7.70	
10	643106.35	4179850.07	FENCEINT	7.70	
11	643111.29	4179850.28	FENCEINT	7.73	
12	643116.23	4179850.50	FENCEINT	7.74	
13	643121.17	4179850.71	FENCEINT	7.75	
14	643126.11	4179850.92	FENCEINT	7.75	
15	643131.05	4179851.14	FENCEINT	7.75	
16	643135.99	4179851.35	FENCEINT	7.76	
17	643140.93	4179851.57	FENCEINT	7.75	

Receptor Pathway

AERMOD

18	643145.87	4179851.78	FENCEINT	7.74	
19	643150.81	4179851.99	FENCEINT	7.77	
20	643155.76	4179852.21	FENCEINT	7.81	
21	643160.70	4179852.42	FENCEINT	7.85	
22	643165.64	4179852.63	FENCEINT	7.87	
23	643170.58	4179852.85	FENCEINT	7.88	
24	643175.52	4179853.06	FENCEINT	7.87	
25	643180.46	4179853.28	FENCEINT	7.87	
26	643185.40	4179853.49	FENCEINT	7.88	
27	643190.34	4179853.70	FENCEINT	7.87	
28	643195.28	4179853.92	FENCEINT	7.87	
29	643200.22	4179854.13	FENCEINT	7.86	
30	643205.16	4179854.35	FENCEINT	7.86	
31	643210.10	4179854.56	FENCEINT	7.86	
32	643215.04	4179854.77	FENCEINT	7.85	
33	643219.98	4179854.99	FENCEINT	7.83	
34	643224.92	4179855.20	FENCEINT	7.82	
35	643229.86	4179855.41	FENCEINT	7.80	
36	643234.80	4179855.63	FENCEINT	7.79	
37	643239.74	4179855.84	FENCEINT	7.77	
38	643244.68	4179856.06	FENCEINT	7.74	
39	643249.42	4179861.12	FENCEINT	7.68	
40	643249.23	4179865.96	FENCEINT	7.67	
41	643249.03	4179870.81	FENCEINT	7.66	
42	643248.83	4179875.66	FENCEINT	7.65	
43	643248.64	4179880.51	FENCEINT	7.64	
44	643248.44	4179885.35	FENCEINT	7.63	
45	643248.24	4179890.20	FENCEINT	7.63	
46	643248.05	4179895.05	FENCEINT	7.63	
47	643247.85	4179899.89	FENCEINT	7.63	
48	643247.65	4179904.74	FENCEINT	7.64	
49	643247.46	4179909.59	FENCEINT	7.64	
50	643247.26	4179914.44	FENCEINT	7.66	
51	643247.06	4179919.28	FENCEINT	7.69	
52	643246.86	4179924.13	FENCEINT	7.71	
53	643246.67	4179928.98	FENCEINT	7.67	
54	643246.47	4179933.83	FENCEINT	7.64	
55	643246.27	4179938.67	FENCEINT	7.62	
56	643246.08	4179943.52	FENCEINT	7.59	
57	643245.88	4179948.37	FENCEINT	7.56	
58	643245.68	4179953.21	FENCEINT	7.53	

Receptor Pathway

AERMOD

59	643245.49	4179958.06	FENCEINT	7.50	
60	643245.29	4179962.91	FENCEINT	7.48	
61	643245.09	4179967.76	FENCEINT	7.48	
62	643244.90	4179972.60	FENCEINT	7.48	
63	643249.41	4179977.71	FENCEINT	7.48	
64	643254.13	4179977.98	FENCEINT	7.45	
65	643258.84	4179978.24	FENCEINT	7.42	
66	643263.55	4179978.51	FENCEINT	7.37	
67	643268.27	4179978.77	FENCEINT	7.32	
68	643272.98	4179979.03	FENCEINT	7.28	
69	643277.69	4179979.30	FENCEINT	7.23	
70	643282.41	4179979.56	FENCEINT	7.19	
71	643287.12	4179979.82	FENCEINT	7.15	
72	643291.83	4179980.09	FENCEINT	7.11	
73	643296.54	4179980.35	FENCEINT	7.08	
74	643301.26	4179980.62	FENCEINT	7.07	
75	643305.97	4179980.88	FENCEINT	7.07	
76	643310.68	4179981.14	FENCEINT	7.07	
77	643315.40	4179981.41	FENCEINT	7.08	
78	643319.94	4179986.41	FENCEINT	7.15	
79	643319.78	4179991.16	FENCEINT	7.11	
80	643319.61	4179995.90	FENCEINT	7.07	
81	643319.45	4180000.64	FENCEINT	7.04	
82	643319.28	4180005.38	FENCEINT	7.01	
83	643319.11	4180010.13	FENCEINT	6.98	
84	643318.95	4180014.87	FENCEINT	6.96	
85	643318.78	4180019.61	FENCEINT	6.94	
86	643318.62	4180024.35	FENCEINT	6.93	
87	643318.45	4180029.10	FENCEINT	6.92	
88	643318.28	4180033.84	FENCEINT	6.92	
89	643318.12	4180038.58	FENCEINT	6.91	
90	643317.95	4180043.32	FENCEINT	6.88	
91	643317.79	4180048.07	FENCEINT	6.84	
92	643312.63	4180052.62	FENCEINT	6.84	
93	643307.65	4180052.43	FENCEINT	6.88	
94	643302.66	4180052.24	FENCEINT	6.93	
95	643297.67	4180052.05	FENCEINT	6.97	
96	643292.68	4180051.86	FENCEINT	7.02	
97	643287.70	4180051.67	FENCEINT	7.07	
98	643282.71	4180051.48	FENCEINT	7.13	
99	643277.72	4180051.29	FENCEINT	7.17	

Receptor Pathway

AERMOD

100	643272.74	4180051.10	FENCEINT	7.21	
101	643267.75	4180050.91	FENCEINT	7.19	
102	643262.76	4180050.72	FENCEINT	7.16	
103	643257.77	4180050.53	FENCEINT	7.07	
104	643252.79	4180050.34	FENCEINT	7.04	
105	643247.80	4180050.14	FENCEINT	7.02	
106	643242.81	4180049.95	FENCEINT	7.02	
107	643237.82	4180049.76	FENCEINT	7.04	
108	643232.84	4180049.57	FENCEINT	7.10	
109	643227.85	4180049.38	FENCEINT	7.16	
110	643222.86	4180049.19	FENCEINT	7.23	
111	643217.88	4180049.00	FENCEINT	7.25	
112	643212.89	4180048.81	FENCEINT	7.27	
113	643207.90	4180048.62	FENCEINT	7.28	
114	643202.91	4180048.43	FENCEINT	7.29	
115	643197.93	4180048.24	FENCEINT	7.30	
116	643192.94	4180048.05	FENCEINT	7.29	
117	643187.95	4180047.86	FENCEINT	7.29	
118	643182.97	4180047.67	FENCEINT	7.28	
119	643177.98	4180047.48	FENCEINT	7.28	
120	643172.99	4180047.29	FENCEINT	7.28	
121	643168.00	4180047.10	FENCEINT	7.27	
122	643163.02	4180046.91	FENCEINT	7.26	
123	643158.03	4180046.72	FENCEINT	7.24	
124	643153.04	4180046.53	FENCEINT	7.22	
125	643148.05	4180046.34	FENCEINT	7.19	
126	643143.07	4180046.15	FENCEINT	7.17	
127	643138.08	4180045.96	FENCEINT	7.14	
128	643133.09	4180045.77	FENCEINT	7.11	
129	643128.11	4180045.58	FENCEINT	7.10	
130	643123.12	4180045.39	FENCEINT	7.09	
131	643118.13	4180045.20	FENCEINT	7.10	
132	643113.14	4180045.00	FENCEINT	7.11	
133	643108.16	4180044.81	FENCEINT	7.11	
134	643103.17	4180044.62	FENCEINT	7.13	
135	643098.18	4180044.43	FENCEINT	7.14	
136	643093.20	4180044.24	FENCEINT	7.15	
137	643088.21	4180044.05	FENCEINT	7.15	
138	643083.22	4180043.86	FENCEINT	7.15	
139	643078.23	4180043.67	FENCEINT	7.16	
140	643073.25	4180043.48	FENCEINT	7.16	

Receptor Pathway

AERMOD

141	643068.26	4180043.29	FENCEINT	7.16	
142	643063.27	4180043.10	FENCEINT	7.16	
143	643058.28	4180042.91	FENCEINT	7.17	
144	643053.30	4180042.72	FENCEINT	7.19	
145	643048.53	4180037.54	FENCEINT	7.23	
146	643048.75	4180032.55	FENCEINT	7.23	
147	643048.97	4180027.56	FENCEINT	7.20	
148	643049.20	4180022.57	FENCEINT	7.17	
149	643049.42	4180017.58	FENCEINT	7.17	
150	643049.64	4180012.59	FENCEINT	7.16	
151	643049.86	4180007.60	FENCEINT	7.17	
152	643050.08	4180002.61	FENCEINT	7.17	
153	643050.30	4179997.62	FENCEINT	7.19	
154	643050.53	4179992.63	FENCEINT	7.21	
155	643050.75	4179987.64	FENCEINT	7.21	
156	643050.97	4179982.65	FENCEINT	7.21	
157	643051.19	4179977.66	FENCEINT	7.23	
158	643051.41	4179972.67	FENCEINT	7.26	
159	643051.63	4179967.68	FENCEINT	7.31	
160	643051.85	4179962.69	FENCEINT	7.37	
161	643052.08	4179957.70	FENCEINT	7.48	
162	643052.30	4179952.71	FENCEINT	7.61	
163	643052.52	4179947.72	FENCEINT	7.67	
164	643052.74	4179942.74	FENCEINT	7.70	
165	643052.96	4179937.75	FENCEINT	7.73	
166	643053.18	4179932.76	FENCEINT	7.75	
167	643053.41	4179927.77	FENCEINT	7.77	
168	643053.63	4179922.78	FENCEINT	7.80	
169	643053.85	4179917.79	FENCEINT	7.83	
170	643054.07	4179912.80	FENCEINT	7.87	
171	643054.29	4179907.81	FENCEINT	7.90	
172	643054.51	4179902.82	FENCEINT	7.92	
173	643054.73	4179897.83	FENCEINT	7.94	
174	643054.96	4179892.84	FENCEINT	7.96	
175	643055.18	4179887.85	FENCEINT	7.97	
176	643055.40	4179882.86	FENCEINT	7.96	
177	643055.62	4179877.87	FENCEINT	7.95	
178	643055.84	4179872.88	FENCEINT	7.94	
179	643056.06	4179867.89	FENCEINT	7.95	
180	643056.29	4179862.90	FENCEINT	7.98	
181	643056.51	4179857.91	FENCEINT	8.01	

Receptor Pathway

AERMOD

182	643056.73	4179852.92	FENCEINT	8.03	
183	641890.58	4179786.26	FENCEINT	10.31	
184	641895.55	4179786.50	FENCEINT	10.32	
185	641900.53	4179786.75	FENCEINT	10.34	
186	641905.51	4179786.99	FENCEINT	10.37	
187	641910.49	4179787.24	FENCEINT	10.38	
188	641915.46	4179787.48	FENCEINT	10.39	
189	641920.44	4179787.73	FENCEINT	10.41	
190	641925.42	4179787.97	FENCEINT	10.42	
191	641930.40	4179788.22	FENCEINT	10.44	
192	641935.37	4179788.46	FENCEINT	10.44	
193	641940.35	4179788.71	FENCEINT	10.44	
194	641945.33	4179788.95	FENCEINT	10.43	
195	641950.31	4179789.20	FENCEINT	10.44	
196	641955.28	4179789.44	FENCEINT	10.45	
197	641960.26	4179789.69	FENCEINT	10.48	
198	641965.24	4179789.93	FENCEINT	10.51	
199	641970.21	4179790.18	FENCEINT	10.53	
200	641975.19	4179790.42	FENCEINT	10.55	
201	641980.17	4179790.67	FENCEINT	10.56	
202	641985.15	4179790.91	FENCEINT	10.56	
203	641990.12	4179791.16	FENCEINT	10.56	
204	641995.10	4179791.40	FENCEINT	10.56	
205	642000.08	4179791.65	FENCEINT	10.57	
206	642005.06	4179791.89	FENCEINT	10.58	
207	642010.03	4179792.14	FENCEINT	10.59	
208	642015.01	4179792.38	FENCEINT	10.61	
209	642019.99	4179792.63	FENCEINT	10.63	
210	642024.96	4179792.87	FENCEINT	10.61	
211	642029.94	4179793.12	FENCEINT	10.59	
212	642034.92	4179793.36	FENCEINT	10.57	
213	642039.90	4179793.61	FENCEINT	10.56	
214	642044.87	4179793.85	FENCEINT	10.56	
215	642049.85	4179794.10	FENCEINT	10.56	
216	642054.83	4179794.34	FENCEINT	10.56	
217	642059.81	4179794.59	FENCEINT	10.56	
218	642064.78	4179794.83	FENCEINT	10.56	
219	642069.76	4179795.08	FENCEINT	10.56	
220	642074.74	4179795.32	FENCEINT	10.55	
221	642079.72	4179795.57	FENCEINT	10.55	
222	642084.69	4179795.81	FENCEINT	10.53	

Receptor Pathway

AERMOD

223	642089.67	4179796.06	FENCEINT	10.51	
224	642094.65	4179796.30	FENCEINT	10.49	
225	642099.62	4179796.55	FENCEINT	10.47	
226	642104.60	4179796.79	FENCEINT	10.45	
227	642109.58	4179797.04	FENCEINT	10.43	
228	642114.56	4179797.28	FENCEINT	10.41	
229	642119.53	4179797.53	FENCEINT	10.40	
230	642124.51	4179797.77	FENCEINT	10.37	
231	642129.49	4179798.02	FENCEINT	10.34	
232	642134.47	4179798.26	FENCEINT	10.32	
233	642139.44	4179798.51	FENCEINT	10.30	
234	642144.42	4179798.75	FENCEINT	10.29	
235	642149.40	4179799.00	FENCEINT	10.29	
236	642154.38	4179799.24	FENCEINT	10.30	
237	642159.35	4179799.49	FENCEINT	10.32	
238	642164.33	4179799.73	FENCEINT	10.34	
239	642169.31	4179799.98	FENCEINT	10.36	
240	642174.28	4179800.22	FENCEINT	10.38	
241	642179.26	4179800.47	FENCEINT	10.39	
242	642184.24	4179800.71	FENCEINT	10.40	
243	642189.22	4179800.96	FENCEINT	10.41	
244	642194.19	4179801.20	FENCEINT	10.41	
245	642199.17	4179801.45	FENCEINT	10.41	
246	642204.15	4179801.69	FENCEINT	10.41	
247	642209.13	4179801.94	FENCEINT	10.41	
248	642214.10	4179802.18	FENCEINT	10.41	
249	642219.08	4179802.43	FENCEINT	10.41	
250	642224.06	4179802.67	FENCEINT	10.41	
251	642229.03	4179802.92	FENCEINT	10.40	
252	642234.01	4179803.16	FENCEINT	10.39	
253	642238.99	4179803.41	FENCEINT	10.38	
254	642243.97	4179803.65	FENCEINT	10.38	
255	642248.94	4179803.90	FENCEINT	10.38	
256	642253.92	4179804.14	FENCEINT	10.38	
257	642258.90	4179804.39	FENCEINT	10.37	
258	642263.88	4179804.63	FENCEINT	10.36	
259	642268.85	4179804.88	FENCEINT	10.37	
260	642273.83	4179805.12	FENCEINT	10.37	
261	642278.81	4179805.37	FENCEINT	10.39	
262	642283.79	4179805.61	FENCEINT	10.41	
263	642288.76	4179805.86	FENCEINT	10.43	

Receptor Pathway

AERMOD

264	642293.62	4179811.09	FENCEINT	10.26	
265	642293.51	4179816.08	FENCEINT	10.13	
266	642293.39	4179821.07	FENCEINT	10.03	
267	642293.28	4179826.06	FENCEINT	9.95	
268	642293.16	4179831.05	FENCEINT	9.88	
269	642293.05	4179836.04	FENCEINT	9.82	
270	642292.93	4179841.03	FENCEINT	9.80	
271	642292.82	4179846.02	FENCEINT	9.77	
272	642292.70	4179851.01	FENCEINT	9.76	
273	642292.59	4179856.00	FENCEINT	9.76	
274	642292.47	4179860.99	FENCEINT	9.79	
275	642292.36	4179865.98	FENCEINT	9.82	
276	642292.24	4179870.97	FENCEINT	9.84	
277	642292.13	4179875.96	FENCEINT	9.85	
278	642292.01	4179880.95	FENCEINT	9.81	
279	642291.90	4179885.94	FENCEINT	9.77	
280	642291.78	4179890.93	FENCEINT	9.75	
281	642291.67	4179895.92	FENCEINT	9.73	
282	642291.55	4179900.92	FENCEINT	9.71	
283	642291.44	4179905.91	FENCEINT	9.68	
284	642291.32	4179910.90	FENCEINT	9.67	
285	642291.21	4179915.89	FENCEINT	9.65	
286	642291.09	4179920.88	FENCEINT	9.63	
287	642290.98	4179925.87	FENCEINT	9.61	
288	642290.86	4179930.86	FENCEINT	9.59	
289	642290.75	4179935.85	FENCEINT	9.57	
290	642290.63	4179940.84	FENCEINT	9.55	
291	642290.52	4179945.83	FENCEINT	9.52	
292	642290.40	4179950.82	FENCEINT	9.51	
293	642290.29	4179955.81	FENCEINT	9.49	
294	642290.17	4179960.80	FENCEINT	9.47	
295	642290.06	4179965.79	FENCEINT	9.46	
296	642289.94	4179970.78	FENCEINT	9.44	
297	642289.83	4179975.77	FENCEINT	9.41	
298	642289.71	4179980.76	FENCEINT	9.39	
299	642289.60	4179985.75	FENCEINT	9.38	
300	642289.48	4179990.74	FENCEINT	9.36	
301	642289.37	4179995.73	FENCEINT	9.34	
302	642289.25	4180000.72	FENCEINT	9.32	
303	642289.14	4180005.71	FENCEINT	9.30	
304	642289.02	4180010.70	FENCEINT	9.28	

Receptor Pathway

AERMOD

305	642288.91	4180015.69	FENCEINT	9.26	
306	642288.79	4180020.68	FENCEINT	9.23	
307	642288.68	4180025.67	FENCEINT	9.22	
308	642288.56	4180030.66	FENCEINT	9.21	
309	642288.45	4180035.65	FENCEINT	9.19	
310	642288.33	4180040.64	FENCEINT	9.17	
311	642288.22	4180045.63	FENCEINT	9.14	
312	642288.10	4180050.62	FENCEINT	9.12	
313	642287.98	4180055.61	FENCEINT	9.10	
314	642287.87	4180060.60	FENCEINT	9.08	
315	642287.75	4180065.59	FENCEINT	9.06	
316	642287.64	4180070.58	FENCEINT	9.05	
317	642287.52	4180075.57	FENCEINT	9.03	
318	642287.41	4180080.56	FENCEINT	9.01	
319	642287.29	4180085.56	FENCEINT	8.99	
320	642287.18	4180090.55	FENCEINT	8.97	
321	642287.06	4180095.54	FENCEINT	8.94	
322	642286.95	4180100.53	FENCEINT	8.92	
323	642286.83	4180105.52	FENCEINT	8.90	
324	642286.72	4180110.51	FENCEINT	8.87	
325	642286.60	4180115.50	FENCEINT	8.85	
326	642286.49	4180120.49	FENCEINT	8.81	
327	642286.37	4180125.48	FENCEINT	8.76	
328	642286.26	4180130.47	FENCEINT	8.70	
329	642286.14	4180135.46	FENCEINT	8.67	
330	642286.03	4180140.45	FENCEINT	8.66	
331	642285.91	4180145.44	FENCEINT	8.64	
332	642285.80	4180150.43	FENCEINT	8.63	
333	642285.68	4180155.42	FENCEINT	8.61	
334	642285.57	4180160.41	FENCEINT	8.59	
335	642285.45	4180165.40	FENCEINT	8.56	
336	642285.34	4180170.39	FENCEINT	8.54	
337	642285.22	4180175.38	FENCEINT	8.51	
338	642285.11	4180180.37	FENCEINT	8.50	
339	642284.99	4180185.36	FENCEINT	8.48	
340	642284.88	4180190.35	FENCEINT	8.48	
341	642284.76	4180195.34	FENCEINT	8.47	
342	642284.65	4180200.33	FENCEINT	8.45	
343	642284.53	4180205.32	FENCEINT	8.43	
344	642284.42	4180210.31	FENCEINT	8.41	
345	642284.30	4180215.30	FENCEINT	8.39	

Receptor Pathway

AERMOD

346	642284.19	4180220.29	FENCEINT	8.38	
347	642284.07	4180225.28	FENCEINT	8.36	
348	642283.96	4180230.27	FENCEINT	8.35	
349	642283.84	4180235.26	FENCEINT	8.35	
350	642283.73	4180240.25	FENCEINT	8.34	
351	642283.61	4180245.24	FENCEINT	8.34	
352	642283.50	4180250.23	FENCEINT	8.33	
353	642283.38	4180255.22	FENCEINT	8.32	
354	642283.27	4180260.21	FENCEINT	8.29	
355	642283.15	4180265.20	FENCEINT	8.26	
356	642283.04	4180270.19	FENCEINT	8.24	
357	642282.92	4180275.19	FENCEINT	8.22	
358	642282.81	4180280.18	FENCEINT	8.21	
359	642282.69	4180285.17	FENCEINT	8.21	
360	642282.58	4180290.16	FENCEINT	8.20	
361	642282.46	4180295.15	FENCEINT	8.19	
362	642282.35	4180300.14	FENCEINT	8.19	
363	642282.23	4180305.13	FENCEINT	8.18	
364	642282.11	4180310.12	FENCEINT	8.16	
365	642282.00	4180315.11	FENCEINT	8.15	
366	642281.88	4180320.10	FENCEINT	8.14	
367	642281.77	4180325.09	FENCEINT	8.13	
368	642281.65	4180330.08	FENCEINT	8.12	
369	642281.54	4180335.07	FENCEINT	8.11	
370	642281.42	4180340.06	FENCEINT	8.10	
371	642281.31	4180345.05	FENCEINT	8.09	
372	642281.19	4180350.04	FENCEINT	8.08	
373	642281.08	4180355.03	FENCEINT	8.06	
374	642280.96	4180360.02	FENCEINT	8.04	
375	642280.85	4180365.01	FENCEINT	8.02	
376	642280.73	4180370.00	FENCEINT	8.00	
377	642280.62	4180374.99	FENCEINT	7.98	
378	642280.50	4180379.98	FENCEINT	7.96	
379	642280.39	4180384.97	FENCEINT	7.94	
380	642280.27	4180389.96	FENCEINT	7.92	
381	642280.16	4180394.95	FENCEINT	7.90	
382	642280.04	4180399.94	FENCEINT	7.88	
383	642279.93	4180404.93	FENCEINT	7.87	
384	642279.81	4180409.92	FENCEINT	7.86	
385	642279.70	4180414.91	FENCEINT	7.85	
386	642279.58	4180419.90	FENCEINT	7.83	

Receptor Pathway

AERMOD

387	642279.47	4180424.89	FENCEINT	7.82	
388	642279.35	4180429.88	FENCEINT	7.81	
389	642279.24	4180434.87	FENCEINT	7.80	
390	642279.12	4180439.86	FENCEINT	7.80	
391	642279.01	4180444.85	FENCEINT	7.79	
392	642278.89	4180449.84	FENCEINT	7.77	
393	642278.78	4180454.83	FENCEINT	7.75	
394	642278.66	4180459.83	FENCEINT	7.73	
395	642278.55	4180464.82	FENCEINT	7.71	
396	642278.43	4180469.81	FENCEINT	7.70	
397	642278.32	4180474.80	FENCEINT	7.69	
398	642278.20	4180479.79	FENCEINT	7.66	
399	642278.09	4180484.78	FENCEINT	7.65	
400	642277.97	4180489.77	FENCEINT	7.63	
401	642277.86	4180494.76	FENCEINT	7.62	
402	642277.74	4180499.75	FENCEINT	7.61	
403	642277.63	4180504.74	FENCEINT	7.60	
404	642277.51	4180509.73	FENCEINT	7.59	
405	642277.40	4180514.72	FENCEINT	7.57	
406	642277.28	4180519.71	FENCEINT	7.55	
407	642277.17	4180524.70	FENCEINT	7.55	
408	642277.05	4180529.69	FENCEINT	7.56	
409	642276.94	4180534.68	FENCEINT	7.58	
410	642276.82	4180539.67	FENCEINT	7.67	
411	642276.71	4180544.66	FENCEINT	7.73	
412	642280.93	4180548.43	FENCEINT	7.73	
413	642285.27	4180547.21	FENCEINT	7.75	
414	642289.62	4180545.99	FENCEINT	7.75	
415	642293.96	4180544.77	FENCEINT	7.76	
416	642298.30	4180543.56	FENCEINT	7.76	
417	642302.64	4180542.34	FENCEINT	7.74	
418	642306.99	4180541.12	FENCEINT	7.72	
419	642311.33	4180539.90	FENCEINT	7.73	
420	642318.94	4180542.45	FENCEINT	7.82	
421	642322.20	4180546.23	FENCEINT	7.74	
422	642325.47	4180550.00	FENCEINT	7.61	
423	642328.73	4180553.77	FENCEINT	7.48	
424	642332.00	4180557.55	FENCEINT	7.42	
425	642335.26	4180561.32	FENCEINT	7.36	
426	642338.53	4180565.09	FENCEINT	7.31	
427	642341.80	4180568.86	FENCEINT	7.27	

Receptor Pathway

AERMOD

428	642345.06	4180572.64	FENCEINT	7.22	
429	642348.33	4180576.41	FENCEINT	7.19	
430	642351.59	4180580.18	FENCEINT	7.15	
431	642354.86	4180583.96	FENCEINT	7.12	
432	642358.12	4180587.73	FENCEINT	7.10	
433	642361.39	4180591.50	FENCEINT	7.08	
434	642364.66	4180595.28	FENCEINT	7.06	
435	642367.92	4180599.05	FENCEINT	7.03	
436	642371.19	4180602.82	FENCEINT	6.99	
437	642374.45	4180606.59	FENCEINT	6.96	
438	642377.72	4180610.37	FENCEINT	6.92	
439	642380.99	4180614.14	FENCEINT	6.89	
440	642384.25	4180617.91	FENCEINT	6.86	
441	642387.52	4180621.69	FENCEINT	6.85	
442	642390.78	4180625.46	FENCEINT	6.83	
443	642394.05	4180629.23	FENCEINT	6.81	
444	642397.31	4180633.01	FENCEINT	6.77	
445	642400.58	4180636.78	FENCEINT	6.74	
446	642403.85	4180640.55	FENCEINT	6.72	
447	642407.11	4180644.32	FENCEINT	6.69	
448	642410.38	4180648.10	FENCEINT	6.65	
449	642413.64	4180651.87	FENCEINT	6.62	
450	642416.91	4180655.64	FENCEINT	6.60	
451	642420.17	4180659.42	FENCEINT	6.58	
452	642423.44	4180663.19	FENCEINT	6.54	
453	642426.71	4180666.96	FENCEINT	6.50	
454	642429.97	4180670.74	FENCEINT	6.46	
455	642433.24	4180674.51	FENCEINT	6.43	
456	642436.50	4180678.28	FENCEINT	6.41	
457	642439.77	4180682.05	FENCEINT	6.38	
458	642443.03	4180685.83	FENCEINT	6.35	
459	642446.30	4180689.60	FENCEINT	6.32	
460	642449.57	4180693.37	FENCEINT	6.28	
461	642452.83	4180697.15	FENCEINT	6.24	
462	642456.10	4180700.92	FENCEINT	6.23	
463	642459.36	4180704.69	FENCEINT	6.22	
464	642462.63	4180708.47	FENCEINT	6.21	
465	642465.89	4180712.24	FENCEINT	6.20	
466	642469.16	4180716.01	FENCEINT	6.18	
467	642472.43	4180719.78	FENCEINT	6.14	
468	642475.69	4180723.56	FENCEINT	6.09	

Receptor Pathway

AERMOD

469	642478.96	4180727.33	FENCEINT	6.06	
470	642482.22	4180731.10	FENCEINT	6.04	
471	642485.49	4180734.88	FENCEINT	6.01	
472	642488.75	4180738.65	FENCEINT	5.97	
473	642492.02	4180742.42	FENCEINT	5.95	
474	642495.29	4180746.20	FENCEINT	5.91	
475	642498.55	4180749.97	FENCEINT	5.88	
476	642501.82	4180753.74	FENCEINT	5.85	
477	642505.08	4180757.51	FENCEINT	5.83	
478	642508.35	4180761.29	FENCEINT	5.81	
479	642511.62	4180765.06	FENCEINT	5.79	
480	642514.88	4180768.83	FENCEINT	5.76	
481	642518.15	4180772.61	FENCEINT	5.74	
482	642521.41	4180776.38	FENCEINT	5.70	
483	642524.68	4180780.15	FENCEINT	5.69	
484	642527.94	4180783.93	FENCEINT	5.67	
485	642531.21	4180787.70	FENCEINT	5.63	
486	642534.48	4180791.47	FENCEINT	5.60	
487	642537.74	4180795.24	FENCEINT	5.58	
488	642541.01	4180799.02	FENCEINT	5.56	
489	642544.27	4180802.79	FENCEINT	5.53	
490	642547.54	4180806.56	FENCEINT	5.51	
491	642550.80	4180810.34	FENCEINT	5.46	
492	642554.07	4180814.11	FENCEINT	5.43	
493	642557.34	4180817.88	FENCEINT	5.39	
494	642560.60	4180821.66	FENCEINT	5.36	
495	642563.87	4180825.43	FENCEINT	5.39	
496	642567.13	4180829.20	FENCEINT	5.37	
497	642570.40	4180832.97	FENCEINT	5.32	
498	642573.66	4180836.75	FENCEINT	5.26	
499	642572.09	4180841.72	FENCEINT	5.40	
500	642567.25	4180842.92	FENCEINT	5.41	
501	642562.41	4180844.12	FENCEINT	5.40	
502	642557.57	4180845.32	FENCEINT	5.37	
503	642552.73	4180846.52	FENCEINT	5.36	
504	642547.89	4180847.72	FENCEINT	5.35	
505	642543.05	4180848.92	FENCEINT	5.38	
506	642538.21	4180850.12	FENCEINT	5.42	
507	642533.37	4180851.32	FENCEINT	5.46	
508	642528.53	4180852.52	FENCEINT	5.50	
509	642523.69	4180853.72	FENCEINT	5.52	

Receptor Pathway

AERMOD

510	642518.85	4180854.92	FENCEINT	5.53	
511	642514.01	4180856.12	FENCEINT	5.52	
512	642509.17	4180857.32	FENCEINT	5.53	
513	642504.33	4180858.52	FENCEINT	5.55	
514	642499.49	4180859.72	FENCEINT	5.59	
515	642494.65	4180860.92	FENCEINT	5.62	
516	642489.81	4180862.12	FENCEINT	5.65	
517	642484.97	4180863.32	FENCEINT	5.67	
518	642480.13	4180864.52	FENCEINT	5.67	
519	642475.29	4180865.72	FENCEINT	5.65	
520	642470.45	4180866.92	FENCEINT	5.68	
521	642465.61	4180868.12	FENCEINT	5.70	
522	642460.76	4180869.31	FENCEINT	5.73	
523	642455.92	4180870.51	FENCEINT	5.76	
524	642451.08	4180871.71	FENCEINT	5.78	
525	642446.24	4180872.91	FENCEINT	5.79	
526	642441.40	4180874.11	FENCEINT	5.79	
527	642436.56	4180875.31	FENCEINT	5.78	
528	642431.72	4180876.51	FENCEINT	5.77	
529	642426.88	4180877.71	FENCEINT	5.78	
530	642422.04	4180878.91	FENCEINT	5.80	
531	642417.20	4180880.11	FENCEINT	5.82	
532	642412.36	4180881.31	FENCEINT	5.84	
533	642407.52	4180882.51	FENCEINT	5.86	
534	642402.68	4180883.71	FENCEINT	5.85	
535	642397.84	4180884.91	FENCEINT	5.84	
536	642393.00	4180886.11	FENCEINT	5.83	
537	642388.16	4180887.31	FENCEINT	5.84	
538	642383.32	4180888.51	FENCEINT	5.85	
539	642378.48	4180889.71	FENCEINT	5.86	
540	642373.64	4180890.91	FENCEINT	5.87	
541	642368.80	4180892.11	FENCEINT	5.89	
542	642363.96	4180893.31	FENCEINT	5.90	
543	642359.12	4180894.51	FENCEINT	5.91	
544	642349.58	4180895.10	FENCEINT	5.95	
545	642344.88	4180894.49	FENCEINT	5.99	
546	642340.17	4180893.88	FENCEINT	6.05	
547	642335.47	4180893.28	FENCEINT	6.11	
548	642330.77	4180892.67	FENCEINT	6.14	
549	642326.07	4180892.06	FENCEINT	6.15	
550	642321.36	4180891.45	FENCEINT	6.13	

Receptor Pathway

AERMOD

551	642312.87	4180887.69	FENCEINT	5.99	
552	642309.08	4180884.54	FENCEINT	5.97	
553	642305.29	4180881.38	FENCEINT	5.99	
554	642301.50	4180878.23	FENCEINT	6.01	
555	642297.71	4180875.08	FENCEINT	6.03	
556	642293.92	4180871.93	FENCEINT	6.05	
557	642290.13	4180868.78	FENCEINT	6.07	
558	642286.34	4180865.63	FENCEINT	6.09	
559	642282.55	4180862.47	FENCEINT	6.12	
560	642278.76	4180859.32	FENCEINT	6.15	
561	642274.97	4180856.17	FENCEINT	6.18	
562	642271.18	4180853.02	FENCEINT	6.21	
563	642267.39	4180849.87	FENCEINT	6.23	
564	642263.59	4180846.72	FENCEINT	6.25	
565	642259.80	4180843.56	FENCEINT	6.27	
566	642256.01	4180840.41	FENCEINT	6.30	
567	642252.22	4180837.26	FENCEINT	6.32	
568	642248.43	4180834.11	FENCEINT	6.34	
569	642244.64	4180830.96	FENCEINT	6.38	
570	642240.85	4180827.81	FENCEINT	6.41	
571	642237.06	4180824.65	FENCEINT	6.44	
572	642233.27	4180821.50	FENCEINT	6.48	
573	642229.48	4180818.35	FENCEINT	6.51	
574	642225.69	4180815.20	FENCEINT	6.53	
575	642221.90	4180812.05	FENCEINT	6.54	
576	642218.11	4180808.90	FENCEINT	6.57	
577	642214.32	4180805.74	FENCEINT	6.59	
578	642210.53	4180802.59	FENCEINT	6.60	
579	642206.74	4180799.44	FENCEINT	6.62	
580	642202.95	4180796.29	FENCEINT	6.64	
581	642199.16	4180793.14	FENCEINT	6.66	
582	642195.37	4180789.99	FENCEINT	6.67	
583	642191.58	4180786.83	FENCEINT	6.68	
584	642187.79	4180783.68	FENCEINT	6.70	
585	642184.00	4180780.53	FENCEINT	6.71	
586	642180.21	4180777.38	FENCEINT	6.73	
587	642176.42	4180774.23	FENCEINT	6.75	
588	642172.63	4180771.08	FENCEINT	6.77	
589	642168.84	4180767.92	FENCEINT	6.78	
590	642165.04	4180764.77	FENCEINT	6.80	
591	642161.25	4180761.62	FENCEINT	6.83	

Receptor Pathway

AERMOD

592	642157.46	4180758.47	FENCEINT	6.84	
593	642153.67	4180755.32	FENCEINT	6.86	
594	642149.88	4180752.17	FENCEINT	6.88	
595	642146.09	4180749.01	FENCEINT	6.88	
596	642142.30	4180745.86	FENCEINT	6.89	
597	642138.51	4180742.71	FENCEINT	6.91	
598	642134.72	4180739.56	FENCEINT	6.92	
599	642130.93	4180736.41	FENCEINT	6.93	
600	642127.14	4180733.26	FENCEINT	6.95	
601	642123.35	4180730.10	FENCEINT	6.96	
602	642119.56	4180726.95	FENCEINT	6.98	
603	642111.12	4180723.17	FENCEINT	7.01	
604	642106.47	4180722.54	FENCEINT	7.02	
605	642101.81	4180721.91	FENCEINT	7.02	
606	642097.16	4180721.28	FENCEINT	7.03	
607	642092.51	4180720.65	FENCEINT	7.03	
608	642087.86	4180720.02	FENCEINT	7.04	
609	642083.21	4180719.39	FENCEINT	7.04	
610	642078.55	4180718.77	FENCEINT	7.05	
611	642073.90	4180718.14	FENCEINT	7.06	
612	642069.25	4180717.51	FENCEINT	7.08	
613	642064.60	4180716.88	FENCEINT	7.08	
614	642059.95	4180716.25	FENCEINT	7.09	
615	642055.29	4180715.62	FENCEINT	7.10	
616	642050.64	4180714.99	FENCEINT	7.10	
617	642041.15	4180715.44	FENCEINT	7.09	
618	642036.31	4180716.52	FENCEINT	7.09	
619	642031.47	4180717.60	FENCEINT	7.08	
620	642026.64	4180718.68	FENCEINT	7.07	
621	642021.80	4180719.76	FENCEINT	7.07	
622	642016.96	4180720.84	FENCEINT	7.07	
623	642012.12	4180721.92	FENCEINT	7.07	
624	642007.28	4180723.00	FENCEINT	7.08	
625	642002.44	4180724.08	FENCEINT	7.08	
626	641997.61	4180725.16	FENCEINT	7.08	
627	641992.77	4180726.24	FENCEINT	7.08	
628	641987.93	4180727.32	FENCEINT	7.08	
629	641983.09	4180728.39	FENCEINT	7.08	
630	641978.25	4180729.47	FENCEINT	7.08	
631	641973.41	4180730.55	FENCEINT	7.08	
632	641968.58	4180731.63	FENCEINT	7.07	

Receptor Pathway

AERMOD

633	641963.74	4180732.71	FENCEINT	7.08	
634	641958.90	4180733.79	FENCEINT	7.08	
635	641954.06	4180734.87	FENCEINT	7.08	
636	641949.22	4180735.95	FENCEINT	7.08	
637	641944.38	4180737.03	FENCEINT	7.11	
638	641939.55	4180738.11	FENCEINT	7.15	
639	641934.71	4180739.19	FENCEINT	6.95	
640	641929.87	4180740.27	FENCEINT	6.75	
641	641923.38	4180736.72	FENCEINT	7.24	
642	641921.72	4180732.09	FENCEINT	7.10	
643	641920.07	4180727.46	FENCEINT	7.10	
644	641918.41	4180722.82	FENCEINT	7.09	
645	641916.76	4180718.19	FENCEINT	7.11	
646	641915.10	4180713.56	FENCEINT	6.97	
647	641913.45	4180708.93	FENCEINT	6.91	
648	641911.80	4180704.30	FENCEINT	6.93	
649	641910.14	4180699.67	FENCEINT	6.98	
650	641908.49	4180695.04	FENCEINT	6.91	
651	641906.83	4180690.40	FENCEINT	6.71	
652	641905.18	4180685.77	FENCEINT	6.86	
653	641903.52	4180681.14	FENCEINT	6.94	
654	641901.87	4180676.51	FENCEINT	7.08	
655	641900.22	4180671.88	FENCEINT	7.12	
656	641898.56	4180667.25	FENCEINT	7.30	
657	641896.91	4180662.62	FENCEINT	7.57	
658	641895.25	4180657.98	FENCEINT	7.70	
659	641893.60	4180653.35	FENCEINT	7.76	
660	641891.94	4180648.72	FENCEINT	7.76	
661	641890.29	4180644.09	FENCEINT	7.66	
662	641888.64	4180639.46	FENCEINT	7.64	
663	641886.98	4180634.83	FENCEINT	7.71	
664	641885.33	4180630.20	FENCEINT	7.73	
665	641883.67	4180625.56	FENCEINT	7.72	
666	641882.02	4180620.93	FENCEINT	7.73	
667	641880.36	4180616.30	FENCEINT	7.76	
668	641878.71	4180611.67	FENCEINT	7.80	
669	641877.06	4180607.04	FENCEINT	7.83	
670	641875.40	4180602.41	FENCEINT	7.85	
671	641873.75	4180597.78	FENCEINT	7.88	
672	641872.09	4180593.14	FENCEINT	7.94	
673	641870.44	4180588.51	FENCEINT	7.98	

Receptor Pathway

AERMOD

674	641868.78	4180583.88	FENCEINT	8.02	
675	641867.25	4180574.26	FENCEINT	8.02	
676	641867.36	4180569.27	FENCEINT	8.01	
677	641867.48	4180564.28	FENCEINT	8.01	
678	641867.59	4180559.29	FENCEINT	8.02	
679	641867.71	4180554.31	FENCEINT	8.03	
680	641867.83	4180549.32	FENCEINT	8.06	
681	641867.94	4180544.33	FENCEINT	8.08	
682	641868.06	4180539.34	FENCEINT	8.10	
683	641868.18	4180534.35	FENCEINT	8.12	
684	641868.29	4180529.36	FENCEINT	8.14	
685	641868.41	4180524.37	FENCEINT	8.17	
686	641868.52	4180519.38	FENCEINT	8.20	
687	641868.64	4180514.39	FENCEINT	8.23	
688	641868.76	4180509.40	FENCEINT	8.26	
689	641868.87	4180504.42	FENCEINT	8.29	
690	641868.99	4180499.43	FENCEINT	8.32	
691	641869.10	4180494.44	FENCEINT	8.35	
692	641869.22	4180489.45	FENCEINT	8.38	
693	641869.34	4180484.46	FENCEINT	8.41	
694	641869.45	4180479.47	FENCEINT	8.42	
695	641869.57	4180474.48	FENCEINT	8.44	
696	641869.69	4180469.49	FENCEINT	8.44	
697	641869.80	4180464.50	FENCEINT	8.44	
698	641869.92	4180459.52	FENCEINT	8.45	
699	641870.03	4180454.53	FENCEINT	8.46	
700	641870.15	4180449.54	FENCEINT	8.48	
701	641870.27	4180444.55	FENCEINT	8.50	
702	641870.38	4180439.56	FENCEINT	8.53	
703	641870.50	4180434.57	FENCEINT	8.56	
704	641870.61	4180429.58	FENCEINT	8.59	
705	641870.73	4180424.59	FENCEINT	8.62	
706	641870.85	4180419.60	FENCEINT	8.63	
707	641870.96	4180414.62	FENCEINT	8.65	
708	641871.08	4180409.63	FENCEINT	8.66	
709	641871.20	4180404.64	FENCEINT	8.68	
710	641871.31	4180399.65	FENCEINT	8.70	
711	641871.43	4180394.66	FENCEINT	8.71	
712	641871.54	4180389.67	FENCEINT	8.73	
713	641871.66	4180384.68	FENCEINT	8.75	
714	641871.78	4180379.69	FENCEINT	8.77	

Receptor Pathway

AERMOD

715	641871.89	4180374.70	FENCEINT	8.79	
716	641872.01	4180369.71	FENCEINT	8.82	
717	641872.13	4180364.73	FENCEINT	8.85	
718	641872.24	4180359.74	FENCEINT	8.87	
719	641872.36	4180354.75	FENCEINT	8.89	
720	641872.47	4180349.76	FENCEINT	8.91	
721	641872.59	4180344.77	FENCEINT	8.93	
722	641872.71	4180339.78	FENCEINT	8.95	
723	641872.82	4180334.79	FENCEINT	8.97	
724	641872.94	4180329.80	FENCEINT	8.99	
725	641873.05	4180324.81	FENCEINT	9.00	
726	641873.17	4180319.83	FENCEINT	9.01	
727	641873.29	4180314.84	FENCEINT	9.03	
728	641873.40	4180309.85	FENCEINT	9.04	
729	641873.52	4180304.86	FENCEINT	9.05	
730	641873.64	4180299.87	FENCEINT	9.07	
731	641873.75	4180294.88	FENCEINT	9.10	
732	641873.87	4180289.89	FENCEINT	9.12	
733	641873.98	4180284.90	FENCEINT	9.15	
734	641874.10	4180279.91	FENCEINT	9.18	
735	641874.22	4180274.93	FENCEINT	9.19	
736	641874.33	4180269.94	FENCEINT	9.21	
737	641874.45	4180264.95	FENCEINT	9.23	
738	641874.56	4180259.96	FENCEINT	9.25	
739	641874.68	4180254.97	FENCEINT	9.27	
740	641874.80	4180249.98	FENCEINT	9.28	
741	641874.91	4180244.99	FENCEINT	9.29	
742	641875.03	4180240.00	FENCEINT	9.30	
743	641875.15	4180235.01	FENCEINT	9.32	
744	641875.26	4180230.02	FENCEINT	9.34	
745	641875.38	4180225.04	FENCEINT	9.36	
746	641875.49	4180220.05	FENCEINT	9.38	
747	641875.61	4180215.06	FENCEINT	9.39	
748	641875.73	4180210.07	FENCEINT	9.40	
749	641875.84	4180205.08	FENCEINT	9.41	
750	641875.96	4180200.09	FENCEINT	9.41	
751	641876.07	4180195.10	FENCEINT	9.42	
752	641876.19	4180190.11	FENCEINT	9.43	
753	641876.31	4180185.12	FENCEINT	9.45	
754	641876.42	4180180.14	FENCEINT	9.47	
755	641876.54	4180175.15	FENCEINT	9.49	

Receptor Pathway

AERMOD

756	641876.66	4180170.16	FENCEINT	9.51	
757	641876.77	4180165.17	FENCEINT	9.52	
758	641876.89	4180160.18	FENCEINT	9.53	
759	641877.00	4180155.19	FENCEINT	9.54	
760	641877.12	4180150.20	FENCEINT	9.56	
761	641877.24	4180145.21	FENCEINT	9.57	
762	641877.35	4180140.22	FENCEINT	9.59	
763	641877.47	4180135.24	FENCEINT	9.61	
764	641877.58	4180130.25	FENCEINT	9.63	
765	641877.70	4180125.26	FENCEINT	9.65	
766	641877.82	4180120.27	FENCEINT	9.68	
767	641877.93	4180115.28	FENCEINT	9.72	
768	641878.05	4180110.29	FENCEINT	9.71	
769	641878.17	4180105.30	FENCEINT	9.70	
770	641878.28	4180100.31	FENCEINT	9.69	
771	641878.40	4180095.32	FENCEINT	9.69	
772	641878.51	4180090.33	FENCEINT	9.69	
773	641878.63	4180085.35	FENCEINT	9.70	
774	641878.75	4180080.36	FENCEINT	9.70	
775	641878.86	4180075.37	FENCEINT	9.70	
776	641878.98	4180070.38	FENCEINT	9.72	
777	641879.09	4180065.39	FENCEINT	9.74	
778	641879.21	4180060.40	FENCEINT	9.75	
779	641879.33	4180055.41	FENCEINT	9.77	
780	641879.44	4180050.42	FENCEINT	9.79	
781	641879.56	4180045.43	FENCEINT	9.81	
782	641879.68	4180040.45	FENCEINT	9.82	
783	641879.79	4180035.46	FENCEINT	9.83	
784	641879.91	4180030.47	FENCEINT	9.83	
785	641880.02	4180025.48	FENCEINT	9.83	
786	641880.14	4180020.49	FENCEINT	9.83	
787	641880.26	4180015.50	FENCEINT	9.83	
788	641880.37	4180010.51	FENCEINT	9.84	
789	641880.49	4180005.52	FENCEINT	9.85	
790	641880.60	4180000.53	FENCEINT	9.86	
791	641880.72	4179995.55	FENCEINT	9.86	
792	641880.84	4179990.56	FENCEINT	9.87	
793	641880.95	4179985.57	FENCEINT	9.87	
794	641881.07	4179980.58	FENCEINT	9.88	
795	641881.19	4179975.59	FENCEINT	9.90	
796	641881.30	4179970.60	FENCEINT	9.91	

Receptor Pathway

AERMOD

797	641881.42	4179965.61	FENCEINT	9.93	
798	641881.53	4179960.62	FENCEINT	9.95	
799	641881.65	4179955.63	FENCEINT	9.98	
800	641881.77	4179950.64	FENCEINT	9.99	
801	641881.88	4179945.66	FENCEINT	9.97	
802	641882.00	4179940.67	FENCEINT	9.95	
803	641882.12	4179935.68	FENCEINT	9.95	
804	641882.23	4179930.69	FENCEINT	9.95	
805	641882.35	4179925.70	FENCEINT	9.96	
806	641882.46	4179920.71	FENCEINT	9.98	
807	641882.58	4179915.72	FENCEINT	10.00	
808	641882.70	4179910.73	FENCEINT	10.01	
809	641882.81	4179905.74	FENCEINT	10.02	
810	641882.93	4179900.76	FENCEINT	10.03	
811	641883.04	4179895.77	FENCEINT	10.05	
812	641883.16	4179890.78	FENCEINT	10.07	
813	641883.28	4179885.79	FENCEINT	10.09	
814	641883.39	4179880.80	FENCEINT	10.11	
815	641883.51	4179875.81	FENCEINT	10.15	
816	641883.63	4179870.82	FENCEINT	10.21	
817	641883.74	4179865.83	FENCEINT	10.29	
818	641883.86	4179860.84	FENCEINT	10.41	
819	641883.97	4179855.86	FENCEINT	10.43	
820	641884.09	4179850.87	FENCEINT	10.40	
821	641884.21	4179845.88	FENCEINT	10.38	
822	641884.32	4179840.89	FENCEINT	10.37	
823	641884.44	4179835.90	FENCEINT	10.37	
824	641884.55	4179830.91	FENCEINT	10.39	
825	641884.67	4179825.92	FENCEINT	10.38	
826	641884.79	4179820.93	FENCEINT	10.32	
827	641884.90	4179815.94	FENCEINT	10.29	
828	641885.02	4179810.95	FENCEINT	10.31	
829	641885.14	4179805.97	FENCEINT	10.31	
830	641885.25	4179800.98	FENCEINT	10.30	
831	641885.37	4179795.99	FENCEINT	10.29	
832	641885.48	4179791.00	FENCEINT	10.29	

Receptor Pathway

AERMOD

Receptor Groups

Record Number	Group ID	Group Description
1	FENCEPRI	Cartesian plant boundary Primary Receptors
2	FENCEINT	Cartesian plant boundary Intermediate Receptors

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.SFC
 Format Type: Default AERMET format

Profile Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.PFL
 Format Type: Default AERMET format

Wind Speed



Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 14.00 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2004			Station ID 66666
Upper Air		2004			

Data Period

Data Period to Process

Start Date: 1/1/2004 Start Hour: 1 End Date: 12/31/2008 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00370	ug/m^3	r	642423.59	4180906.20	5.74	0.00	5.74	
PERIOD		0.00304	ug/m^3	r	642441.65	4180909.13	5.71	0.00	5.71	
PERIOD		0.00292	ug/m^3	r	642480.08	4180894.46	6.83	0.00	6.83	
PERIOD		0.00207	ug/m^3	r	642519.76	4180888.29	5.42	0.00	5.42	
PERIOD		0.00136	ug/m^3	r	642566.51	4180882.54	5.07	0.00	5.07	
PERIOD		0.00144	ug/m^3	r	642626.31	4180850.18	5.27	0.00	5.27	
PERIOD		0.00167	ug/m^3	r	642669.21	4180807.50	4.70	0.00	4.70	
PERIOD		0.00164	ug/m^3	r	642766.30	4180717.00	5.31	0.00	5.31	
PERIOD		0.00186	ug/m^3	r	642864.59	4180554.77	5.81	0.00	5.81	
PERIOD		0.00215	ug/m^3	r	642843.70	4180532.79	5.99	0.00	5.99	
PERIOD		0.00605	ug/m^3	r	642612.01	4179848.87	9.81	0.00	9.81	
PERIOD		0.00610	ug/m^3	r	642624.90	4179791.78	10.39	0.00	10.39	
PERIOD		0.00586	ug/m^3	r	642639.86	4179791.65	10.35	0.00	10.35	
PERIOD		0.00551	ug/m^3	r	642667.43	4179795.46	9.94	0.00	9.94	
PERIOD		0.00520	ug/m^3	r	642693.29	4179797.16	9.84	0.00	9.84	
PERIOD		0.00479	ug/m^3	r	642728.95	4179797.77	9.79	0.00	9.79	
PERIOD		0.00414	ug/m^3	r	642798.23	4179801.48	9.03	0.00	9.03	
PERIOD		0.00379	ug/m^3	r	642838.25	4179796.55	8.93	0.00	8.93	
PERIOD		0.00356	ug/m^3	r	642873.35	4179801.20	8.83	0.00	8.83	
PERIOD		0.00337	ug/m^3	r	642903.14	4179804.04	8.64	0.00	8.64	

Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00339	ug/m^3	r	642861.85	4179877.44	8.79	0.00	8.79	
PERIOD		0.00304	ug/m^3	r	642915.46	4179883.14	9.24	0.00	9.24	
PERIOD		0.00313	ug/m^3	r	642889.34	4179922.70	8.80	0.00	8.80	
PERIOD		0.00291	ug/m^3	r	642916.53	4179957.30	8.35	0.00	8.35	
PERIOD		0.00326	ug/m^3	r	642846.92	4180017.86	8.29	0.00	8.29	
PERIOD		0.00265	ug/m^3	r	642969.73	4179932.63	8.53	0.00	8.53	
PERIOD		0.00257	ug/m^3	r	642984.82	4179936.19	8.37	0.00	8.37	
PERIOD		0.00247	ug/m^3	r	643006.43	4179931.45	8.58	0.00	8.58	
PERIOD		0.00245	ug/m^3	r	643027.44	4179882.32	8.62	0.00	8.62	
PERIOD		0.00317	ug/m^3	r	642942.74	4179809.51	8.49	0.00	8.49	
PERIOD		0.00290	ug/m^3	r	642986.00	4179809.05	8.33	0.00	8.33	
PERIOD		0.00276	ug/m^3	r	643009.48	4179802.10	8.33	0.00	8.33	
PERIOD		0.00236	ug/m^3	r	643092.88	4179800.30	7.67	0.00	7.67	
PERIOD		0.00233	ug/m^3	r	643107.73	4179811.01	7.72	0.00	7.72	
PERIOD		0.00224	ug/m^3	r	643138.65	4179813.25	8.23	0.00	8.23	
PERIOD		0.00222	ug/m^3	r	643123.91	4179779.64	8.25	0.00	8.25	
PERIOD		0.00209	ug/m^3	r	643160.42	4179780.20	8.27	0.00	8.27	
PERIOD		0.00203	ug/m^3	r	643175.36	4179761.55	8.29	0.00	8.29	
PERIOD		0.00207	ug/m^3	r	643163.42	4179763.67	8.32	0.00	8.32	
PERIOD		0.00216	ug/m^3	r	643139.64	4179753.74	8.35	0.00	8.35	
PERIOD		0.00214	ug/m^3	r	643144.44	4179746.59	8.39	0.00	8.39	

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AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00191	ug/m^3	r	643213.32	4179778.97	8.13	0.00	8.13	
PERIOD		0.00196	ug/m^3	r	643220.99	4179818.86	7.81	0.00	7.81	
PERIOD		0.00192	ug/m^3	r	643231.24	4179817.25	7.83	0.00	7.83	
PERIOD		0.00201	ug/m^3	r	643195.08	4179812.50	7.85	0.00	7.85	
PERIOD		0.00177	ug/m^3	r	643266.55	4179806.39	7.79	0.00	7.79	
PERIOD		0.00187	ug/m^3	r	643225.65	4179758.26	8.28	0.00	8.28	
PERIOD		0.00184	ug/m^3	r	643235.56	4179763.82	8.27	0.00	8.27	
PERIOD		0.00202	ug/m^3	r	643180.87	4179738.16	8.54	0.00	8.54	
PERIOD		0.00220	ug/m^3	r	643132.53	4179699.67	8.87	0.00	8.87	
PERIOD		0.00226	ug/m^3	r	643117.14	4179693.48	8.81	0.00	8.81	
PERIOD		0.00232	ug/m^3	r	643101.08	4179686.86	8.98	0.00	8.98	
PERIOD		0.00244	ug/m^3	r	643069.34	4179691.13	9.02	0.00	9.02	
PERIOD		0.00240	ug/m^3	r	643077.53	4179710.91	8.88	0.00	8.88	
PERIOD		0.00256	ug/m^3	r	643018.96	4179438.01	10.05	0.00	10.05	
PERIOD		0.00239	ug/m^3	r	643084.59	4179523.29	9.74	0.00	9.74	
PERIOD		0.00225	ug/m^3	r	643123.69	4179508.56	9.65	0.00	9.65	
PERIOD		0.00201	ug/m^3	r	643205.32	4179504.68	9.73	0.00	9.73	
PERIOD		0.00201	ug/m^3	r	643205.63	4179524.47	9.49	0.00	9.49	
PERIOD		0.00194	ug/m^3	r	643228.04	4179453.82	9.60	0.00	9.60	
PERIOD		0.00202	ug/m^3	r	643191.32	4179422.31	9.37	0.00	9.37	
PERIOD		0.00214	ug/m^3	r	643156.40	4179471.78	9.88	0.00	9.88	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00184	ug/m^3	r	643267.56	4179525.34	9.42	0.00	9.42	
PERIOD		0.00191	ug/m^3	r	643239.54	4179565.68	9.28	0.00	9.28	
PERIOD		0.00182	ug/m^3	r	643269.96	4179568.47	9.13	0.00	9.13	
PERIOD		0.00181	ug/m^3	r	643276.56	4179548.69	9.25	0.00	9.25	
PERIOD		0.00172	ug/m^3	r	643304.54	4179598.63	8.34	0.00	8.34	
PERIOD		0.00202	ug/m^3	r	643198.44	4179596.54	9.10	0.00	9.10	
PERIOD		0.00212	ug/m^3	r	643165.27	4179587.66	9.05	0.00	9.05	
PERIOD		0.00176	ug/m^3	r	643279.62	4179642.39	8.41	0.00	8.41	
PERIOD		0.00158	ug/m^3	r	643342.12	4179677.63	8.40	0.00	8.40	
PERIOD		0.00152	ug/m^3	r	643365.52	4179686.82	8.14	0.00	8.14	
PERIOD		0.00140	ug/m^3	r	643412.02	4179712.59	8.03	0.00	8.03	
PERIOD		0.00137	ug/m^3	r	643426.83	4179720.88	8.06	0.00	8.06	
PERIOD		0.00133	ug/m^3	r	643443.06	4179763.53	7.71	0.00	7.71	
PERIOD		0.00130	ug/m^3	r	643462.19	4179738.10	7.72	0.00	7.72	
PERIOD		0.00127	ug/m^3	r	643477.05	4179744.65	7.75	0.00	7.75	
PERIOD		0.00116	ug/m^3	r	643609.19	4179779.40	6.99	0.00	6.99	
PERIOD		0.00121	ug/m^3	r	643581.34	4179779.40	7.10	0.00	7.10	
PERIOD		0.00127	ug/m^3	r	643486.28	4179690.48	7.69	0.00	7.69	
PERIOD		0.00132	ug/m^3	r	643461.70	4179683.07	7.85	0.00	7.85	
PERIOD		0.00139	ug/m^3	r	643435.58	4179649.08	7.89	0.00	7.89	
PERIOD		0.00136	ug/m^3	r	643445.96	4179656.83	7.86	0.00	7.86	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00138	ug/m^3	r	643433.08	4179668.66	7.88	0.00	7.88	
PERIOD		0.00132	ug/m^3	r	643472.43	4179636.73	7.74	0.00	7.74	
PERIOD		0.00135	ug/m^3	r	643467.63	4179586.55	7.66	0.00	7.66	
PERIOD		0.00135	ug/m^3	r	643474.60	4179575.24	7.82	0.00	7.82	
PERIOD		0.00133	ug/m^3	r	643488.40	4179549.74	7.60	0.00	7.60	
PERIOD		0.00056	ug/m^3	r	644226.05	4179433.08	7.30	0.00	7.30	
PERIOD		0.00088	ug/m^3	r	643856.00	4179782.95	6.39	0.00	6.39	
PERIOD		0.00083	ug/m^3	r	643894.54	4179783.96	6.19	0.00	6.19	
PERIOD		0.00077	ug/m^3	r	643904.86	4179771.37	6.11	0.00	6.11	
PERIOD		0.00074	ug/m^3	r	643902.09	4179750.97	6.08	0.00	6.08	
PERIOD		0.00074	ug/m^3	r	643884.46	4179690.78	6.26	0.00	6.26	
PERIOD		0.00082	ug/m^3	r	643988.56	4178601.40	11.42	0.00	11.42	
PERIOD		0.00083	ug/m^3	r	643970.67	4178600.51	11.44	0.00	11.44	
PERIOD		0.00084	ug/m^3	r	643953.35	4178599.84	11.46	0.00	11.46	
PERIOD		0.00084	ug/m^3	r	643940.61	4178583.63	11.57	0.00	11.57	
PERIOD		0.00086	ug/m^3	r	643898.25	4178561.06	11.56	0.00	11.56	
PERIOD		0.00086	ug/m^3	r	643882.49	4178560.50	11.54	0.00	11.54	
PERIOD		0.00087	ug/m^3	r	643868.08	4178560.61	11.50	0.00	11.50	
PERIOD		0.00084	ug/m^3	r	643850.61	4178477.15	12.36	0.00	12.36	
PERIOD		0.00088	ug/m^3	r	643802.93	4178519.25	11.99	0.00	11.99	
PERIOD		0.00085	ug/m^3	r	643566.21	4178374.81	12.85	0.00	12.85	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00105	ug/m^3	r	642899.11	4178625.63	13.25	0.00	13.25	
PERIOD		0.00105	ug/m^3	r	642861.77	4178630.37	13.35	0.00	13.35	
PERIOD		0.00066	ug/m^3	r	642634.32	4178208.71	14.34	0.00	14.34	
PERIOD		0.00062	ug/m^3	r	642761.13	4178115.10	14.42	0.00	14.42	
PERIOD		0.00038	ug/m^3	r	642021.23	4178205.01	14.76	0.00	14.76	
PERIOD		0.00036	ug/m^3	r	641455.17	4178051.75	15.53	0.00	15.53	
PERIOD		0.00046	ug/m^3	r	640663.35	4177956.52	16.03	0.00	16.03	
PERIOD		0.00045	ug/m^3	r	640591.80	4177954.95	16.27	0.00	16.27	
PERIOD		0.00040	ug/m^3	r	640596.52	4177721.41	16.97	0.00	16.97	
PERIOD		0.00044	ug/m^3	r	640657.83	4177883.48	16.30	0.00	16.30	
PERIOD		0.00044	ug/m^3	r	640682.46	4177911.49	16.15	0.00	16.15	
PERIOD		0.00044	ug/m^3	r	640695.49	4177909.55	16.19	0.00	16.19	
PERIOD		0.00044	ug/m^3	r	640717.22	4177907.62	16.19	0.00	16.19	
PERIOD		0.00042	ug/m^3	r	640718.67	4177867.06	16.41	0.00	16.41	
PERIOD		0.00042	ug/m^3	r	640699.36	4177856.92	16.47	0.00	16.47	
PERIOD		0.00043	ug/m^3	r	640661.69	4177868.02	16.36	0.00	16.36	
PERIOD		0.00041	ug/m^3	r	640679.07	4177800.90	16.71	0.00	16.71	
PERIOD		0.00041	ug/m^3	r	640699.84	4177807.66	16.56	0.00	16.56	
PERIOD		0.00040	ug/m^3	r	640721.09	4177809.59	16.64	0.00	16.64	
PERIOD		0.00040	ug/m^3	r	640660.72	4177772.41	16.71	0.00	16.71	
PERIOD		0.00039	ug/m^3	r	640702.74	4177753.09	16.93	0.00	16.93	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00040	ug/m^3	r	640669.42	4177758.89	16.73	0.00	16.73	
PERIOD		0.00038	ug/m^3	r	640743.35	4177756.71	16.91	0.00	16.91	
PERIOD		0.00037	ug/m^3	r	640801.27	4177764.04	16.95	0.00	16.95	
PERIOD		0.00036	ug/m^3	r	640850.11	4177764.04	16.95	0.00	16.95	
PERIOD		0.00035	ug/m^3	r	640883.26	4177755.67	16.90	0.00	16.90	
PERIOD		0.00035	ug/m^3	r	640884.30	4177764.39	16.93	0.00	16.93	
PERIOD		0.00035	ug/m^3	r	640885.00	4177773.81	16.93	0.00	16.93	
PERIOD		0.00036	ug/m^3	r	640885.00	4177782.53	16.93	0.00	16.93	
PERIOD		0.00036	ug/m^3	r	640883.26	4177791.95	16.90	0.00	16.90	
PERIOD		0.00034	ug/m^3	r	640916.40	4177756.36	16.97	0.00	16.97	
PERIOD		0.00033	ug/m^3	r	640946.76	4177754.97	16.87	0.00	16.87	
PERIOD		0.00034	ug/m^3	r	640947.11	4177767.88	16.73	0.00	16.73	
PERIOD		0.00034	ug/m^3	r	640916.75	4177765.78	16.94	0.00	16.94	
PERIOD		0.00034	ug/m^3	r	640946.06	4177777.65	16.71	0.00	16.71	
PERIOD		0.00034	ug/m^3	r	640917.80	4177775.20	16.88	0.00	16.88	
PERIOD		0.00034	ug/m^3	r	640945.36	4177787.42	16.70	0.00	16.70	
PERIOD		0.00035	ug/m^3	r	640917.80	4177784.97	16.88	0.00	16.88	
PERIOD		0.00036	ug/m^3	r	640914.31	4177804.16	16.85	0.00	16.85	
PERIOD		0.00035	ug/m^3	r	640916.40	4177794.39	16.87	0.00	16.87	
PERIOD		0.00035	ug/m^3	r	640943.62	4177804.86	16.66	0.00	16.66	
PERIOD		0.00035	ug/m^3	r	640945.71	4177795.79	16.69	0.00	16.69	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00033	ug/m^3	r	640979.90	4177758.81	16.68	0.00	16.68	
PERIOD		0.00033	ug/m^3	r	640978.16	4177769.27	16.64	0.00	16.64	
PERIOD		0.00033	ug/m^3	r	640976.41	4177776.95	16.63	0.00	16.63	
PERIOD		0.00034	ug/m^3	r	640978.16	4177792.30	16.53	0.00	16.53	
PERIOD		0.00034	ug/m^3	r	640978.85	4177801.02	16.50	0.00	16.50	
PERIOD		0.00034	ug/m^3	r	640977.81	4177809.40	16.48	0.00	16.48	
PERIOD		0.00035	ug/m^3	r	640978.51	4177820.56	16.46	0.00	16.46	
PERIOD		0.00035	ug/m^3	r	640977.81	4177828.59	16.44	0.00	16.44	
PERIOD		0.00036	ug/m^3	r	640879.77	4177800.67	16.84	0.00	16.84	
PERIOD		0.00037	ug/m^3	r	640883.61	4177813.23	16.81	0.00	16.81	
PERIOD		0.00037	ug/m^3	r	640885.35	4177824.75	16.84	0.00	16.84	
PERIOD		0.00036	ug/m^3	r	640915.24	4177814.31	16.81	0.00	16.81	
PERIOD		0.00035	ug/m^3	r	640945.30	4177816.13	16.60	0.00	16.60	
PERIOD		0.00036	ug/m^3	r	640947.12	4177825.60	16.60	0.00	16.60	
PERIOD		0.00036	ug/m^3	r	640915.97	4177824.87	16.78	0.00	16.78	
PERIOD		0.00037	ug/m^3	r	640916.34	4177835.07	16.75	0.00	16.75	
PERIOD		0.00036	ug/m^3	r	640946.57	4177835.98	16.57	0.00	16.57	
PERIOD		0.00036	ug/m^3	r	640946.75	4177845.63	16.52	0.00	16.52	
PERIOD		0.00037	ug/m^3	r	640915.61	4177844.18	16.73	0.00	16.73	
PERIOD		0.00037	ug/m^3	r	640879.91	4177832.52	16.80	0.00	16.80	
PERIOD		0.00038	ug/m^3	r	640885.19	4177842.36	16.74	0.00	16.74	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00038	ug/m^3	r	640884.46	4177851.64	16.68	0.00	16.68	
PERIOD		0.00037	ug/m^3	r	640916.34	4177852.74	16.71	0.00	16.71	
PERIOD		0.00037	ug/m^3	r	640945.30	4177854.74	16.47	0.00	16.47	
PERIOD		0.00037	ug/m^3	r	640945.48	4177863.12	16.45	0.00	16.45	
PERIOD		0.00038	ug/m^3	r	640915.06	4177861.30	16.67	0.00	16.67	
PERIOD		0.00038	ug/m^3	r	640883.19	4177861.12	16.61	0.00	16.61	
PERIOD		0.00039	ug/m^3	r	640883.92	4177871.31	16.54	0.00	16.54	
PERIOD		0.00039	ug/m^3	r	640885.38	4177879.87	16.49	0.00	16.49	
PERIOD		0.00040	ug/m^3	r	640883.19	4177890.80	16.49	0.00	16.49	
PERIOD		0.00038	ug/m^3	r	640915.97	4177871.68	16.61	0.00	16.61	
PERIOD		0.00038	ug/m^3	r	640914.88	4177881.70	16.58	0.00	16.58	
PERIOD		0.00037	ug/m^3	r	640944.20	4177871.86	16.44	0.00	16.44	
PERIOD		0.00038	ug/m^3	r	640945.30	4177883.15	16.39	0.00	16.39	
PERIOD		0.00038	ug/m^3	r	640944.57	4177893.17	16.37	0.00	16.37	
PERIOD		0.00039	ug/m^3	r	640913.61	4177888.98	16.55	0.00	16.55	
PERIOD		0.00039	ug/m^3	r	640913.61	4177898.82	16.54	0.00	16.54	
PERIOD		0.00039	ug/m^3	r	640944.20	4177902.46	16.38	0.00	16.38	
PERIOD		0.00040	ug/m^3	r	640911.97	4177907.92	16.48	0.00	16.48	
PERIOD		0.00039	ug/m^3	r	640944.75	4177911.02	16.35	0.00	16.35	
PERIOD		0.00038	ug/m^3	r	640975.17	4177909.38	16.22	0.00	16.22	
PERIOD		0.00038	ug/m^3	r	640976.99	4177900.64	16.25	0.00	16.25	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00037	ug/m^3	r	640976.62	4177891.35	16.28	0.00	16.28	
PERIOD		0.00037	ug/m^3	r	640978.44	4177881.51	16.26	0.00	16.26	
PERIOD		0.00037	ug/m^3	r	640978.26	4177870.77	16.30	0.00	16.30	
PERIOD		0.00036	ug/m^3	r	640980.08	4177860.39	16.31	0.00	16.31	
PERIOD		0.00036	ug/m^3	r	640979.17	4177841.08	16.36	0.00	16.36	
PERIOD		0.00032	ug/m^3	r	641027.15	4177771.72	16.80	0.00	16.80	
PERIOD		0.00032	ug/m^3	r	641097.01	4177769.15	16.46	0.00	16.46	
PERIOD		0.00032	ug/m^3	r	641050.94	4177776.86	16.58	0.00	16.58	
PERIOD		0.00033	ug/m^3	r	641106.22	4177834.93	16.34	0.00	16.34	
PERIOD		0.00036	ug/m^3	r	641112.42	4177909.52	15.89	0.00	15.89	
PERIOD		0.00037	ug/m^3	r	641020.43	4177904.78	16.35	0.00	16.35	
PERIOD		0.00038	ug/m^3	r	641092.38	4177966.96	15.79	0.00	15.79	
PERIOD		0.00048	ug/m^3	r	640555.64	4178224.82	14.68	0.00	14.68	
PERIOD		0.00042	ug/m^3	r	640382.10	4178168.75	15.06	0.00	15.06	
PERIOD		0.00040	ug/m^3	r	640295.47	4178186.85	14.80	0.00	14.80	
PERIOD		0.00039	ug/m^3	r	640289.24	4178169.94	14.93	0.00	24.59	
PERIOD		0.00047	ug/m^3	r	640520.34	4178237.28	14.56	0.00	14.56	
PERIOD		0.00048	ug/m^3	r	640568.99	4178242.62	14.68	0.00	14.68	
PERIOD		0.00857	ug/m^3	r	642421.71	4179614.03	11.33	0.00	11.33	
PERIOD		0.00782	ug/m^3	r	642419.19	4179586.04	11.55	0.00	11.55	
PERIOD		0.00153	ug/m^3	r	641230.76	4179694.87	11.83	0.00	11.83	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00941	ug/m^3	r	641806.79	4179870.63	10.26	0.00	10.26	
PERIOD		0.01060	ug/m^3	r	641825.54	4179856.53	10.36	0.00	10.36	
PERIOD		0.00268	ug/m^3	r	641492.88	4179824.18	10.67	0.00	10.67	
PERIOD		0.00259	ug/m^3	r	641482.98	4179806.49	10.62	0.00	10.62	
PERIOD		0.00214	ug/m^3	r	641401.40	4179805.19	10.73	0.00	10.73	
PERIOD		0.00181	ug/m^3	r	641322.12	4179800.31	10.62	0.00	10.62	
PERIOD		0.00144	ug/m^3	r	641199.49	4179789.22	10.67	0.00	10.67	
PERIOD		0.00151	ug/m^3	r	641226.51	4179799.31	10.67	0.00	10.67	
PERIOD		0.00158	ug/m^3	r	641254.87	4179804.73	10.50	0.00	10.50	
PERIOD		0.00168	ug/m^3	r	641284.46	4179798.64	10.58	0.00	10.58	
PERIOD		0.00070	ug/m^3	r	640672.91	4179804.60	10.57	0.00	10.57	
PERIOD		0.00092	ug/m^3	r	640909.50	4179873.06	10.45	0.00	10.45	
PERIOD		0.00063	ug/m^3	r	640576.50	4179834.99	10.64	0.00	10.64	
PERIOD		0.00059	ug/m^3	r	640471.40	4179791.88	10.57	0.00	10.57	
PERIOD		0.00058	ug/m^3	r	640443.73	4179783.09	10.83	0.00	10.83	
PERIOD		0.00059	ug/m^3	r	640490.06	4179808.83	10.59	0.00	10.59	
PERIOD		0.00065	ug/m^3	r	640298.17	4179708.55	10.87	0.00	10.87	
PERIOD		0.00054	ug/m^3	r	642150.64	4181339.61	4.85	0.00	4.85	
PERIOD		0.00041	ug/m^3	r	642186.00	4181418.01	7.29	0.00	7.29	
PERIOD		0.00049	ug/m^3	r	642076.74	4181423.01	4.93	0.00	4.93	
PERIOD		0.00052	ug/m^3	r	642050.52	4181423.14	4.58	0.00	4.58	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00055	ug/m^3	r	642015.47	4181420.37	4.60	0.00	4.60	
PERIOD		0.00052	ug/m^3	r	642015.07	4181445.02	4.71	0.00	4.71	
PERIOD		0.00029	ug/m^3	r	642806.07	4181128.16	4.97	0.00	4.97	
PERIOD		0.00020	ug/m^3	r	643211.49	4181300.90	4.80	0.00	4.80	
PERIOD		0.00020	ug/m^3	r	643199.12	4181323.37	4.79	0.00	4.79	
PERIOD		0.00019	ug/m^3	r	643298.61	4181300.90	4.44	0.00	4.44	
PERIOD		0.00019	ug/m^3	r	643326.13	4181311.50	4.53	0.00	4.53	
PERIOD		0.00019	ug/m^3	r	643346.84	4181318.07	4.50	0.00	4.50	
PERIOD		0.00019	ug/m^3	r	643321.08	4181355.19	5.00	0.00	5.00	
PERIOD		0.00013	ug/m^3	r	643007.36	4181415.17	5.45	0.00	5.45	
PERIOD		0.00011	ug/m^3	r	643051.46	4181483.78	5.49	0.00	5.49	
PERIOD		0.00009	ug/m^3	r	643044.62	4181536.90	5.24	0.00	5.24	
PERIOD		0.00006	ug/m^3	r	643074.82	4181735.00	4.31	0.00	4.31	
PERIOD		0.00004	ug/m^3	r	643086.22	4182094.01	4.58	0.00	4.58	
PERIOD		0.00004	ug/m^3	r	643112.32	4182105.50	4.56	0.00	4.56	
PERIOD		0.00006	ug/m^3	r	643546.53	4181985.18	4.06	0.00	4.06	
PERIOD		0.00005	ug/m^3	r	643513.62	4181994.64	3.90	0.00	3.90	
PERIOD		0.00005	ug/m^3	r	643562.16	4182026.32	4.07	0.00	4.07	
PERIOD		0.00007	ug/m^3	r	643691.88	4181951.64	4.69	0.00	4.69	
PERIOD		0.00010	ug/m^3	r	644094.39	4181935.13	4.86	0.00	4.86	
PERIOD		0.00011	ug/m^3	r	644141.12	4181899.90	4.90	0.00	4.90	

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00010	ug/m^3	r	644267.45	4181934.22	4.95	0.00	4.95	
PERIOD		0.00010	ug/m^3	r	644287.49	4181943.88	4.85	0.00	4.85	
PERIOD		0.00010	ug/m^3	r	644292.76	4181965.65	4.78	0.00	4.78	
PERIOD		0.00010	ug/m^3	r	644292.05	4182056.81	6.89	0.00	6.89	
PERIOD		0.00017	ug/m^3	r	642259.02	4181880.67	7.16	0.00	7.16	
PERIOD		0.00015	ug/m^3	r	642310.80	4181936.64	7.27	0.00	7.27	
PERIOD		0.00015	ug/m^3	r	642273.02	4181956.93	7.39	0.00	7.39	
PERIOD		0.00012	ug/m^3	r	642495.22	4182060.53	5.17	0.00	5.17	
PERIOD		0.00012	ug/m^3	r	642520.63	4182128.95	4.82	0.00	4.82	
PERIOD		0.00012	ug/m^3	r	642460.07	4182152.93	4.89	0.00	4.89	
PERIOD		0.00012	ug/m^3	r	642395.94	4182171.85	4.89	0.00	4.89	
PERIOD		0.00012	ug/m^3	r	642354.64	4182180.55	4.85	0.00	4.85	
PERIOD		0.00012	ug/m^3	r	642309.47	4182187.07	4.89	0.00	4.89	
PERIOD		0.00012	ug/m^3	r	642280.75	4182195.60	5.04	0.00	5.04	
PERIOD		0.00011	ug/m^3	r	642284.96	4182251.52	5.06	0.00	5.06	
PERIOD		0.00011	ug/m^3	r	642294.26	4182270.05	5.02	0.00	5.02	
PERIOD		0.00012	ug/m^3	r	642091.45	4182315.72	5.07	0.00	5.07	
PERIOD		0.00014	ug/m^3	r	641887.74	4182399.30	5.07	0.00	5.07	
PERIOD		0.00051	ug/m^3	r	641273.71	4181787.58	6.87	0.00	6.87	
PERIOD		0.00052	ug/m^3	r	641291.66	4181761.78	6.62	0.00	6.62	
PERIOD		0.00084	ug/m^3	r	641217.11	4181351.16	5.94	0.00	5.94	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00056	ug/m^3	r	640660.60	4181335.03	6.14	0.00	6.14	
PERIOD		0.00061	ug/m^3	r	640788.06	4181343.64	5.94	0.00	5.94	
PERIOD		0.00062	ug/m^3	r	640803.39	4181338.45	5.94	0.00	5.94	
PERIOD		0.00054	ug/m^3	r	640649.98	4181397.27	5.41	0.00	5.41	
PERIOD		0.00029	ug/m^3	r	640648.73	4182240.43	4.11	0.00	4.11	
PERIOD		0.00035	ug/m^3	r	640586.47	4181956.43	4.05	0.00	4.05	
PERIOD		0.00035	ug/m^3	r	640547.21	4181955.64	4.18	0.00	4.18	
PERIOD		0.00026	ug/m^3	r	643437.92	4180843.06	2.54	0.00	2.54	
PERIOD		0.00025	ug/m^3	r	643481.97	4180898.97	2.54	0.00	2.54	
PERIOD		0.00027	ug/m^3	r	643433.96	4180777.27	2.63	0.00	2.63	
PERIOD		0.00020	ug/m^3	r	643661.26	4180799.81	3.40	0.00	3.40	
PERIOD		0.00125	ug/m^3	r	643358.63	4179948.56	7.24	0.00	7.24	
PERIOD		0.00126	ug/m^3	r	643364.90	4179934.14	7.30	0.00	7.30	
PERIOD		0.00111	ug/m^3	r	643369.06	4180042.08	8.11	0.00	8.11	
PERIOD		0.00094	ug/m^3	r	643467.43	4180035.35	8.23	0.00	8.23	
PERIOD		0.00121	ug/m^3	r	643303.09	4180066.52	6.80	0.00	6.80	
PERIOD		0.00117	ug/m^3	r	643292.53	4180113.09	6.82	0.00	6.82	
PERIOD		0.00106	ug/m^3	r	643351.83	4180094.85	6.59	0.00	6.59	
PERIOD		0.00088	ug/m^3	r	643450.64	4180097.01	6.22	0.00	6.22	
PERIOD		0.00082	ug/m^3	r	643491.34	4180094.80	7.11	0.00	7.11	
PERIOD		0.00097	ug/m^3	r	643349.76	4180163.14	6.28	0.00	6.28	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00077	ug/m^3	r	643408.25	4180231.85	5.77	0.00	5.77	
PERIOD		0.00066	ug/m^3	r	643467.32	4180253.70	5.80	0.00	5.80	
PERIOD		0.00058	ug/m^3	r	643521.65	4180278.59	5.50	0.00	5.50	
PERIOD		0.00051	ug/m^3	r	643572.31	4180303.75	5.37	0.00	5.37	
PERIOD		0.00048	ug/m^3	r	643533.46	4180366.45	5.09	0.00	5.09	
PERIOD		0.00038	ug/m^3	r	643621.79	4180419.99	8.03	0.00	8.03	
PERIOD		0.00032	ug/m^3	r	643700.62	4180460.54	7.92	0.00	7.92	
PERIOD		0.00021	ug/m^3	r	643875.45	4180553.54	7.92	0.00	7.92	
PERIOD		0.00164	ug/m^3	r	643262.17	4179872.86	7.65	0.00	7.65	
PERIOD		0.00058	ug/m^3	r	644358.55	4178997.60	8.74	0.00	8.74	
PERIOD		0.00056	ug/m^3	r	644360.03	4179117.34	8.37	0.00	8.37	
PERIOD		0.00054	ug/m^3	r	644400.66	4179118.33	8.38	0.00	8.38	
PERIOD		0.00054	ug/m^3	r	644391.43	4179183.34	8.30	0.00	8.30	
PERIOD		0.00055	ug/m^3	r	644346.19	4179235.67	8.00	0.00	8.00	
PERIOD		0.00053	ug/m^3	r	644358.03	4179295.58	7.62	0.00	7.62	
PERIOD		0.00051	ug/m^3	r	644377.37	4179348.51	7.39	0.00	7.39	
PERIOD		0.00049	ug/m^3	r	644370.04	4179426.85	7.14	0.00	7.14	
PERIOD		0.00048	ug/m^3	r	644366.28	4179467.77	6.98	0.00	6.98	
PERIOD		0.00044	ug/m^3	r	644392.01	4179558.11	6.89	0.00	6.89	
PERIOD		0.00046	ug/m^3	r	644363.59	4179543.35	6.81	0.00	6.81	
PERIOD		0.00045	ug/m^3	r	644353.27	4179624.50	6.82	0.00	6.82	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00045	ug/m^3	r	644348.20	4179699.91	6.66	0.00	6.66	
PERIOD		0.00052	ug/m^3	r	644350.67	4179777.56	6.55	0.00	6.55	
PERIOD		0.00246	ug/m^3	s	643056.95	4179847.93	8.07	0.00	8.07	
PERIOD		0.00179	ug/m^3	s	643249.62	4179856.27	7.72	0.00	7.72	
PERIOD		0.00150	ug/m^3	s	643244.70	4179977.45	7.48	0.00	7.48	
PERIOD		0.00130	ug/m^3	s	643320.11	4179981.67	7.10	0.00	7.10	
PERIOD		0.00120	ug/m^3	s	643317.62	4180052.81	6.83	0.00	6.83	
PERIOD		0.00209	ug/m^3	s	643048.31	4180042.53	7.22	0.00	7.22	
PERIOD		0.00244	ug/m^3	s	643061.89	4179848.14	7.88	0.00	7.88	
PERIOD		0.00242	ug/m^3	s	643066.83	4179848.36	7.82	0.00	7.82	
PERIOD		0.00240	ug/m^3	s	643071.77	4179848.57	7.83	0.00	7.83	
PERIOD		0.00238	ug/m^3	s	643076.71	4179848.79	7.80	0.00	7.80	
PERIOD		0.00236	ug/m^3	s	643081.65	4179849.00	7.76	0.00	7.76	
PERIOD		0.00234	ug/m^3	s	643086.59	4179849.21	7.74	0.00	7.74	
PERIOD		0.00232	ug/m^3	s	643091.53	4179849.43	7.72	0.00	7.72	
PERIOD		0.00230	ug/m^3	s	643096.47	4179849.64	7.71	0.00	7.71	
PERIOD		0.00228	ug/m^3	s	643101.41	4179849.85	7.70	0.00	7.70	
PERIOD		0.00225	ug/m^3	s	643106.35	4179850.07	7.70	0.00	7.70	
PERIOD		0.00224	ug/m^3	s	643111.29	4179850.28	7.73	0.00	7.73	
PERIOD		0.00222	ug/m^3	s	643116.23	4179850.50	7.74	0.00	7.74	
PERIOD		0.00220	ug/m^3	s	643121.17	4179850.71	7.75	0.00	7.75	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00218	ug/m^3	s	643126.11	4179850.92	7.75	0.00	7.75	
PERIOD		0.00216	ug/m^3	s	643131.05	4179851.14	7.75	0.00	7.75	
PERIOD		0.00215	ug/m^3	s	643135.99	4179851.35	7.76	0.00	7.76	
PERIOD		0.00213	ug/m^3	s	643140.93	4179851.57	7.75	0.00	7.75	
PERIOD		0.00212	ug/m^3	s	643145.87	4179851.78	7.74	0.00	7.74	
PERIOD		0.00210	ug/m^3	s	643150.81	4179851.99	7.77	0.00	7.77	
PERIOD		0.00208	ug/m^3	s	643155.76	4179852.21	7.81	0.00	7.81	
PERIOD		0.00207	ug/m^3	s	643160.70	4179852.42	7.85	0.00	7.85	
PERIOD		0.00205	ug/m^3	s	643165.64	4179852.63	7.87	0.00	7.87	
PERIOD		0.00203	ug/m^3	s	643170.58	4179852.85	7.88	0.00	7.88	
PERIOD		0.00202	ug/m^3	s	643175.52	4179853.06	7.87	0.00	7.87	
PERIOD		0.00200	ug/m^3	s	643180.46	4179853.28	7.87	0.00	7.87	
PERIOD		0.00198	ug/m^3	s	643185.40	4179853.49	7.88	0.00	7.88	
PERIOD		0.00196	ug/m^3	s	643190.34	4179853.70	7.87	0.00	7.87	
PERIOD		0.00195	ug/m^3	s	643195.28	4179853.92	7.87	0.00	7.87	
PERIOD		0.00193	ug/m^3	s	643200.22	4179854.13	7.86	0.00	7.86	
PERIOD		0.00192	ug/m^3	s	643205.16	4179854.35	7.86	0.00	7.86	
PERIOD		0.00191	ug/m^3	s	643210.10	4179854.56	7.86	0.00	7.86	
PERIOD		0.00189	ug/m^3	s	643215.04	4179854.77	7.85	0.00	7.85	
PERIOD		0.00188	ug/m^3	s	643219.98	4179854.99	7.83	0.00	7.83	
PERIOD		0.00186	ug/m^3	s	643224.92	4179855.20	7.82	0.00	7.82	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00185	ug/m^3	s	643229.86	4179855.41	7.80	0.00	7.80	
PERIOD		0.00184	ug/m^3	s	643234.80	4179855.63	7.79	0.00	7.79	
PERIOD		0.00182	ug/m^3	s	643239.74	4179855.84	7.77	0.00	7.77	
PERIOD		0.00181	ug/m^3	s	643244.68	4179856.06	7.74	0.00	7.74	
PERIOD		0.00174	ug/m^3	s	643249.42	4179861.12	7.68	0.00	7.68	
PERIOD		0.00170	ug/m^3	s	643249.23	4179865.96	7.67	0.00	7.67	
PERIOD		0.00168	ug/m^3	s	643249.03	4179870.81	7.66	0.00	7.66	
PERIOD		0.00167	ug/m^3	s	643248.83	4179875.66	7.65	0.00	7.65	
PERIOD		0.00166	ug/m^3	s	643248.64	4179880.51	7.64	0.00	7.64	
PERIOD		0.00164	ug/m^3	s	643248.44	4179885.35	7.63	0.00	7.63	
PERIOD		0.00163	ug/m^3	s	643248.24	4179890.20	7.63	0.00	7.63	
PERIOD		0.00163	ug/m^3	s	643248.05	4179895.05	7.63	0.00	7.63	
PERIOD		0.00162	ug/m^3	s	643247.85	4179899.89	7.63	0.00	7.63	
PERIOD		0.00161	ug/m^3	s	643247.65	4179904.74	7.64	0.00	7.64	
PERIOD		0.00160	ug/m^3	s	643247.46	4179909.59	7.64	0.00	7.64	
PERIOD		0.00159	ug/m^3	s	643247.26	4179914.44	7.66	0.00	7.66	
PERIOD		0.00159	ug/m^3	s	643247.06	4179919.28	7.69	0.00	7.69	
PERIOD		0.00158	ug/m^3	s	643246.86	4179924.13	7.71	0.00	7.71	
PERIOD		0.00157	ug/m^3	s	643246.67	4179928.98	7.67	0.00	7.67	
PERIOD		0.00156	ug/m^3	s	643246.47	4179933.83	7.64	0.00	7.64	
PERIOD		0.00156	ug/m^3	s	643246.27	4179938.67	7.62	0.00	7.62	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00155	ug/m^3	s	643246.08	4179943.52	7.59	0.00	7.59	
PERIOD		0.00154	ug/m^3	s	643245.88	4179948.37	7.56	0.00	7.56	
PERIOD		0.00154	ug/m^3	s	643245.68	4179953.21	7.53	0.00	7.53	
PERIOD		0.00153	ug/m^3	s	643245.49	4179958.06	7.50	0.00	7.50	
PERIOD		0.00152	ug/m^3	s	643245.29	4179962.91	7.48	0.00	7.48	
PERIOD		0.00152	ug/m^3	s	643245.09	4179967.76	7.48	0.00	7.48	
PERIOD		0.00151	ug/m^3	s	643244.90	4179972.60	7.48	0.00	7.48	
PERIOD		0.00149	ug/m^3	s	643249.41	4179977.71	7.48	0.00	7.48	
PERIOD		0.00148	ug/m^3	s	643254.13	4179977.98	7.45	0.00	7.45	
PERIOD		0.00146	ug/m^3	s	643258.84	4179978.24	7.42	0.00	7.42	
PERIOD		0.00144	ug/m^3	s	643268.27	4179978.77	7.32	0.00	7.32	
PERIOD		0.00142	ug/m^3	s	643272.98	4179979.03	7.28	0.00	7.28	
PERIOD		0.00141	ug/m^3	s	643277.69	4179979.30	7.23	0.00	7.23	
PERIOD		0.00140	ug/m^3	s	643282.41	4179979.56	7.19	0.00	7.19	
PERIOD		0.00138	ug/m^3	s	643287.12	4179979.82	7.15	0.00	7.15	
PERIOD		0.00137	ug/m^3	s	643291.83	4179980.09	7.11	0.00	7.11	
PERIOD		0.00136	ug/m^3	s	643296.54	4179980.35	7.08	0.00	7.08	
PERIOD		0.00135	ug/m^3	s	643301.26	4179980.62	7.07	0.00	7.07	
PERIOD		0.00133	ug/m^3	s	643305.97	4179980.88	7.07	0.00	7.07	
PERIOD		0.00132	ug/m^3	s	643310.68	4179981.14	7.07	0.00	7.07	
PERIOD		0.00131	ug/m^3	s	643315.40	4179981.41	7.08	0.00	7.08	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00129	ug/m^3	s	643319.94	4179986.41	7.15	0.00	7.15	
PERIOD		0.00129	ug/m^3	s	643319.78	4179991.16	7.11	0.00	7.11	
PERIOD		0.00128	ug/m^3	s	643319.61	4179995.90	7.07	0.00	7.07	
PERIOD		0.00127	ug/m^3	s	643319.45	4180000.64	7.04	0.00	7.04	
PERIOD		0.00127	ug/m^3	s	643319.28	4180005.38	7.01	0.00	7.01	
PERIOD		0.00126	ug/m^3	s	643319.11	4180010.13	6.98	0.00	6.98	
PERIOD		0.00125	ug/m^3	s	643318.95	4180014.87	6.96	0.00	6.96	
PERIOD		0.00125	ug/m^3	s	643318.78	4180019.61	6.94	0.00	6.94	
PERIOD		0.00124	ug/m^3	s	643318.62	4180024.35	6.93	0.00	6.93	
PERIOD		0.00123	ug/m^3	s	643318.45	4180029.10	6.92	0.00	6.92	
PERIOD		0.00123	ug/m^3	s	643318.28	4180033.84	6.92	0.00	6.92	
PERIOD		0.00122	ug/m^3	s	643318.12	4180038.58	6.91	0.00	6.91	
PERIOD		0.00121	ug/m^3	s	643317.95	4180043.32	6.88	0.00	6.88	
PERIOD		0.00121	ug/m^3	s	643317.79	4180048.07	6.84	0.00	6.84	
PERIOD		0.00121	ug/m^3	s	643312.63	4180052.62	6.84	0.00	6.84	
PERIOD		0.00123	ug/m^3	s	643307.65	4180052.43	6.88	0.00	6.88	
PERIOD		0.00124	ug/m^3	s	643302.66	4180052.24	6.93	0.00	6.93	
PERIOD		0.00125	ug/m^3	s	643297.67	4180052.05	6.97	0.00	6.97	
PERIOD		0.00126	ug/m^3	s	643292.68	4180051.86	7.02	0.00	7.02	
PERIOD		0.00128	ug/m^3	s	643287.70	4180051.67	7.07	0.00	7.07	
PERIOD		0.00129	ug/m^3	s	643282.71	4180051.48	7.13	0.00	7.13	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00130	ug/m^3	s	643277.72	4180051.29	7.17	0.00	7.17	
PERIOD		0.00133	ug/m^3	s	643267.75	4180050.91	7.19	0.00	7.19	
PERIOD		0.00134	ug/m^3	s	643262.76	4180050.72	7.16	0.00	7.16	
PERIOD		0.00136	ug/m^3	s	643257.77	4180050.53	7.07	0.00	7.07	
PERIOD		0.00137	ug/m^3	s	643252.79	4180050.34	7.04	0.00	7.04	
PERIOD		0.00138	ug/m^3	s	643247.80	4180050.14	7.02	0.00	7.02	
PERIOD		0.00140	ug/m^3	s	643242.81	4180049.95	7.02	0.00	7.02	
PERIOD		0.00141	ug/m^3	s	643237.82	4180049.76	7.04	0.00	7.04	
PERIOD		0.00143	ug/m^3	s	643232.84	4180049.57	7.10	0.00	7.10	
PERIOD		0.00144	ug/m^3	s	643227.85	4180049.38	7.16	0.00	7.16	
PERIOD		0.00146	ug/m^3	s	643222.86	4180049.19	7.23	0.00	7.23	
PERIOD		0.00147	ug/m^3	s	643217.88	4180049.00	7.25	0.00	7.25	
PERIOD		0.00149	ug/m^3	s	643212.89	4180048.81	7.27	0.00	7.27	
PERIOD		0.00150	ug/m^3	s	643207.90	4180048.62	7.28	0.00	7.28	
PERIOD		0.00152	ug/m^3	s	643202.91	4180048.43	7.29	0.00	7.29	
PERIOD		0.00153	ug/m^3	s	643197.93	4180048.24	7.30	0.00	7.30	
PERIOD		0.00155	ug/m^3	s	643192.94	4180048.05	7.29	0.00	7.29	
PERIOD		0.00157	ug/m^3	s	643187.95	4180047.86	7.29	0.00	7.29	
PERIOD		0.00158	ug/m^3	s	643182.97	4180047.67	7.28	0.00	7.28	
PERIOD		0.00160	ug/m^3	s	643177.98	4180047.48	7.28	0.00	7.28	
PERIOD		0.00161	ug/m^3	s	643172.99	4180047.29	7.28	0.00	7.28	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00163	ug/m^3	s	643168.00	4180047.10	7.27	0.00	7.27	
PERIOD		0.00165	ug/m^3	s	643163.02	4180046.91	7.26	0.00	7.26	
PERIOD		0.00166	ug/m^3	s	643158.03	4180046.72	7.24	0.00	7.24	
PERIOD		0.00168	ug/m^3	s	643153.04	4180046.53	7.22	0.00	7.22	
PERIOD		0.00170	ug/m^3	s	643148.05	4180046.34	7.19	0.00	7.19	
PERIOD		0.00172	ug/m^3	s	643143.07	4180046.15	7.17	0.00	7.17	
PERIOD		0.00173	ug/m^3	s	643138.08	4180045.96	7.14	0.00	7.14	
PERIOD		0.00175	ug/m^3	s	643133.09	4180045.77	7.11	0.00	7.11	
PERIOD		0.00177	ug/m^3	s	643128.11	4180045.58	7.10	0.00	7.10	
PERIOD		0.00179	ug/m^3	s	643123.12	4180045.39	7.09	0.00	7.09	
PERIOD		0.00181	ug/m^3	s	643118.13	4180045.20	7.10	0.00	7.10	
PERIOD		0.00183	ug/m^3	s	643113.14	4180045.00	7.11	0.00	7.11	
PERIOD		0.00184	ug/m^3	s	643108.16	4180044.81	7.11	0.00	7.11	
PERIOD		0.00186	ug/m^3	s	643103.17	4180044.62	7.13	0.00	7.13	
PERIOD		0.00188	ug/m^3	s	643098.18	4180044.43	7.14	0.00	7.14	
PERIOD		0.00190	ug/m^3	s	643093.20	4180044.24	7.15	0.00	7.15	
PERIOD		0.00192	ug/m^3	s	643088.21	4180044.05	7.15	0.00	7.15	
PERIOD		0.00194	ug/m^3	s	643083.22	4180043.86	7.15	0.00	7.15	
PERIOD		0.00196	ug/m^3	s	643078.23	4180043.67	7.16	0.00	7.16	
PERIOD		0.00198	ug/m^3	s	643073.25	4180043.48	7.16	0.00	7.16	
PERIOD		0.00201	ug/m^3	s	643068.26	4180043.29	7.16	0.00	7.16	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00203	ug/m^3	s	643063.27	4180043.10	7.16	0.00	7.16	
PERIOD		0.00205	ug/m^3	s	643058.28	4180042.91	7.17	0.00	7.17	
PERIOD		0.00207	ug/m^3	s	643053.30	4180042.72	7.19	0.00	7.19	
PERIOD		0.00210	ug/m^3	s	643048.53	4180037.54	7.23	0.00	7.23	
PERIOD		0.00211	ug/m^3	s	643048.75	4180032.55	7.23	0.00	7.23	
PERIOD		0.00211	ug/m^3	s	643048.97	4180027.56	7.20	0.00	7.20	
PERIOD		0.00212	ug/m^3	s	643049.20	4180022.57	7.17	0.00	7.17	
PERIOD		0.00213	ug/m^3	s	643049.42	4180017.58	7.17	0.00	7.17	
PERIOD		0.00213	ug/m^3	s	643049.64	4180012.59	7.16	0.00	7.16	
PERIOD		0.00214	ug/m^3	s	643049.86	4180007.60	7.17	0.00	7.17	
PERIOD		0.00215	ug/m^3	s	643050.08	4180002.61	7.17	0.00	7.17	
PERIOD		0.00215	ug/m^3	s	643050.30	4179997.62	7.19	0.00	7.19	
PERIOD		0.00216	ug/m^3	s	643050.53	4179992.63	7.21	0.00	7.21	
PERIOD		0.00217	ug/m^3	s	643050.75	4179987.64	7.21	0.00	7.21	
PERIOD		0.00217	ug/m^3	s	643050.97	4179982.65	7.21	0.00	7.21	
PERIOD		0.00218	ug/m^3	s	643051.19	4179977.66	7.23	0.00	7.23	
PERIOD		0.00219	ug/m^3	s	643051.41	4179972.67	7.26	0.00	7.26	
PERIOD		0.00219	ug/m^3	s	643051.63	4179967.68	7.31	0.00	7.31	
PERIOD		0.00220	ug/m^3	s	643051.85	4179962.69	7.37	0.00	7.37	
PERIOD		0.00221	ug/m^3	s	643052.08	4179957.70	7.48	0.00	7.48	
PERIOD		0.00222	ug/m^3	s	643052.30	4179952.71	7.61	0.00	7.61	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00222	ug/m^3	s	643052.52	4179947.72	7.67	0.00	7.67	
PERIOD		0.00223	ug/m^3	s	643052.74	4179942.74	7.70	0.00	7.70	
PERIOD		0.00224	ug/m^3	s	643052.96	4179937.75	7.73	0.00	7.73	
PERIOD		0.00225	ug/m^3	s	643053.18	4179932.76	7.75	0.00	7.75	
PERIOD		0.00225	ug/m^3	s	643053.41	4179927.77	7.77	0.00	7.77	
PERIOD		0.00226	ug/m^3	s	643053.63	4179922.78	7.80	0.00	7.80	
PERIOD		0.00227	ug/m^3	s	643053.85	4179917.79	7.83	0.00	7.83	
PERIOD		0.00227	ug/m^3	s	643054.07	4179912.80	7.87	0.00	7.87	
PERIOD		0.00228	ug/m^3	s	643054.29	4179907.81	7.90	0.00	7.90	
PERIOD		0.00229	ug/m^3	s	643054.51	4179902.82	7.92	0.00	7.92	
PERIOD		0.00230	ug/m^3	s	643054.73	4179897.83	7.94	0.00	7.94	
PERIOD		0.00230	ug/m^3	s	643054.96	4179892.84	7.96	0.00	7.96	
PERIOD		0.00231	ug/m^3	s	643055.18	4179887.85	7.97	0.00	7.97	
PERIOD		0.00232	ug/m^3	s	643055.40	4179882.86	7.96	0.00	7.96	
PERIOD		0.00233	ug/m^3	s	643055.62	4179877.87	7.95	0.00	7.95	
PERIOD		0.00234	ug/m^3	s	643055.84	4179872.88	7.94	0.00	7.94	
PERIOD		0.00235	ug/m^3	s	643056.06	4179867.89	7.95	0.00	7.95	
PERIOD		0.00237	ug/m^3	r	643056.29	4179862.90	7.98	0.00	7.98	
PERIOD		0.00239	ug/m^3	r	643056.51	4179857.91	8.01	0.00	8.01	
PERIOD		0.00242	ug/m^3	r	643056.73	4179852.92	8.03	0.00	8.03	
PERIOD		0.00006	ug/m^3	r	644709.80	4181175.99	5.24	0.00	5.24	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00014	ug/m^3	r	643845.20	4181463.75	7.71	0.00	7.71	
PERIOD		0.00013	ug/m^3	r	644330.00	4180865.21	4.60	0.00	4.60	
PERIOD		0.00012	ug/m^3	r	644452.33	4180865.29	5.27	0.00	5.27	
PERIOD		0.00011	ug/m^3	r	644512.10	4180798.27	7.93	0.00	7.93	
PERIOD		0.00012	ug/m^3	r	644319.84	4180764.59	4.35	0.00	4.35	
PERIOD		0.00012	ug/m^3	r	644308.04	4180746.23	4.90	0.00	4.90	
PERIOD		0.00016	ug/m^3	r	644138.04	4180612.81	5.41	0.00	5.41	
PERIOD		0.00017	ug/m^3	r	644879.84	4180073.43	6.41	0.00	6.41	
PERIOD		0.00018	ug/m^3	r	644852.72	4180057.70	6.58	0.00	6.58	
PERIOD		0.00018	ug/m^3	r	644815.58	4180084.08	6.54	0.00	6.54	
PERIOD		0.00046	ug/m^3	r	644434.45	4179763.78	6.41	0.00	6.41	
PERIOD		0.00044	ug/m^3	r	644480.49	4179753.87	6.37	0.00	6.37	
PERIOD		0.00043	ug/m^3	r	644533.82	4179754.07	6.24	0.00	6.24	
PERIOD		0.00042	ug/m^3	r	644572.15	4179751.45	6.22	0.00	6.22	
PERIOD		0.00041	ug/m^3	r	644614.87	4179749.47	6.36	0.00	6.36	
PERIOD		0.00039	ug/m^3	r	644666.65	4179744.39	6.25	0.00	6.25	
PERIOD		0.00038	ug/m^3	r	644709.75	4179741.55	6.42	0.00	6.42	
PERIOD		0.00035	ug/m^3	r	644654.65	4179684.42	6.98	0.00	6.98	
PERIOD		0.00038	ug/m^3	r	644756.54	4179741.37	6.28	0.00	6.28	
PERIOD		0.00036	ug/m^3	r	644802.88	4179734.95	6.43	0.00	6.43	
PERIOD		0.00042	ug/m^3	r	644438.45	4179613.05	6.74	0.00	6.74	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00042	ug/m^3	r	644419.90	4179655.61	6.44	0.00	6.44	
PERIOD		0.00039	ug/m^3	r	644515.31	4179578.76	6.95	0.00	6.95	
PERIOD		0.00037	ug/m^3	r	644568.92	4179611.72	6.77	0.00	6.77	
PERIOD		0.00035	ug/m^3	r	644632.74	4179604.09	6.97	0.00	6.97	
PERIOD		0.00035	ug/m^3	r	644622.52	4179628.84	6.75	0.00	6.75	
PERIOD		0.00034	ug/m^3	r	644692.02	4179626.72	6.77	0.00	6.77	
PERIOD		0.00033	ug/m^3	r	644715.72	4179622.20	6.74	0.00	6.74	
PERIOD		0.00033	ug/m^3	r	644736.91	4179575.92	6.98	0.00	6.98	
PERIOD		0.00033	ug/m^3	r	644896.13	4179734.33	6.68	0.00	6.68	
PERIOD		0.00030	ug/m^3	r	644890.29	4179678.94	6.88	0.00	6.88	
PERIOD		0.00029	ug/m^3	r	644870.72	4179630.27	6.88	0.00	6.88	
PERIOD		0.00030	ug/m^3	r	644844.88	4179581.26	6.89	0.00	6.89	
PERIOD		0.00031	ug/m^3	r	644811.63	4179524.16	7.12	0.00	7.12	
PERIOD		0.00030	ug/m^3	r	644888.52	4179486.80	7.31	0.00	7.31	
PERIOD		0.00031	ug/m^3	r	644843.91	4179447.63	7.35	0.00	7.35	
PERIOD		0.00034	ug/m^3	r	644751.04	4179453.34	7.24	0.00	7.24	
PERIOD		0.00036	ug/m^3	r	644687.08	4179421.77	7.25	0.00	7.25	
PERIOD		0.00038	ug/m^3	r	644651.04	4179382.11	7.43	0.00	7.43	
PERIOD		0.00034	ug/m^3	r	644781.49	4179374.57	7.52	0.00	7.52	
PERIOD		0.00036	ug/m^3	r	644638.75	4179524.00	6.77	0.00	6.77	
PERIOD		0.00034	ug/m^3	r	644704.20	4179540.46	7.02	0.00	7.02	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00037	ug/m^3	r	644720.05	4179331.30	7.66	0.00	7.66	
PERIOD		0.00040	ug/m^3	r	644652.73	4179276.83	7.82	0.00	7.82	
PERIOD		0.00042	ug/m^3	r	644594.69	4179286.60	7.81	0.00	7.81	
PERIOD		0.00043	ug/m^3	r	644553.55	4179307.88	8.03	0.00	8.03	
PERIOD		0.00040	ug/m^3	r	644582.85	4179385.45	7.42	0.00	7.42	
PERIOD		0.00040	ug/m^3	r	644547.59	4179463.84	7.26	0.00	7.26	
PERIOD		0.00037	ug/m^3	r	644587.96	4179533.53	6.99	0.00	6.99	
PERIOD		0.00042	ug/m^3	r	644464.69	4179511.51	7.11	0.00	7.11	
PERIOD		0.00044	ug/m^3	r	644458.51	4179430.01	7.27	0.00	7.27	
PERIOD		0.00043	ug/m^3	r	644481.84	4179451.80	7.24	0.00	7.24	
PERIOD		0.00044	ug/m^3	r	644511.17	4179343.07	7.49	0.00	7.49	
PERIOD		0.00052	ug/m^3	r	644422.52	4179188.89	8.22	0.00	8.22	
PERIOD		0.00048	ug/m^3	r	644494.33	4179201.46	8.16	0.00	8.16	
PERIOD		0.00047	ug/m^3	r	644536.24	4179160.11	8.33	0.00	8.33	
PERIOD		0.00049	ug/m^3	r	644510.90	4179123.08	8.42	0.00	8.42	
PERIOD		0.00050	ug/m^3	r	644479.20	4179133.58	8.35	0.00	8.35	
PERIOD		0.00052	ug/m^3	r	644448.31	4179129.95	8.47	0.00	8.47	
PERIOD		0.00051	ug/m^3	r	644452.76	4179185.46	8.12	0.00	8.12	
PERIOD		0.00047	ug/m^3	r	644819.26	4178110.75	12.44	0.00	12.44	
PERIOD		0.00059	ug/m^3	r	644432.02	4178184.01	11.91	0.00	11.91	
PERIOD		0.00074	ug/m^3	r	643789.26	4178237.48	13.01	0.00	13.01	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Mitigated DPM\Tracy Alliance Phase 1 Mitigated DPM.isc

AERMOD View by Lakes Environmental Software

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Sensitive Receptor Summary

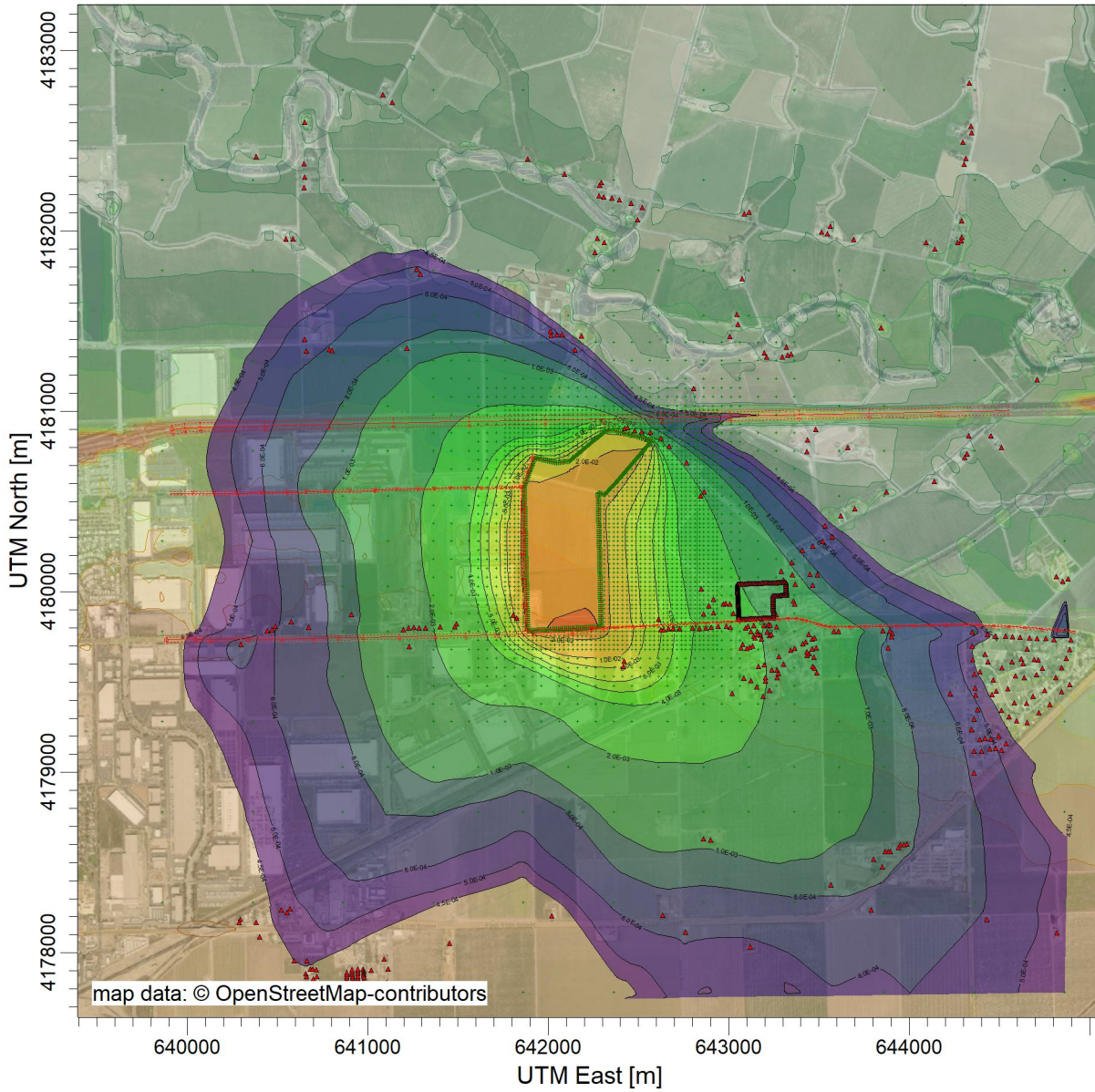
C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00057	ug/m^3	r	643119.53	4178034.41	14.98	0.00	14.98	
PERIOD		0.00042	ug/m^3	r	640400.83	4178086.93	15.28	0.00	15.28	
PERIOD		0.00024	ug/m^3	r	640651.52	4182600.78	6.74	0.00	6.74	
PERIOD		0.00025	ug/m^3	r	640381.96	4182411.74	4.34	0.00	4.34	
PERIOD		0.00027	ug/m^3	r	640647.52	4182373.39	4.00	0.00	4.00	
PERIOD		0.00028	ug/m^3	r	640650.54	4182298.58	4.20	0.00	4.20	
PERIOD		0.00018	ug/m^3	r	641085.45	4182754.82	4.65	0.00	4.65	
PERIOD		0.00018	ug/m^3	r	641137.09	4182713.73	4.54	0.00	4.54	
PERIOD		0.00006	ug/m^3	r	644304.24	4182367.65	3.81	0.00	3.81	
PERIOD		0.00006	ug/m^3	r	644313.47	4182401.60	3.57	0.00	3.57	
PERIOD		0.00005	ug/m^3	r	644346.08	4182544.35	3.82	0.00	3.82	
PERIOD		0.00004	ug/m^3	r	644342.13	4182579.51	3.77	0.00	3.77	
PERIOD		0.00005	ug/m^3	r	644298.15	4182492.21	3.32	0.00	3.32	
PERIOD		0.00003	ug/m^3		644334.86	4182819.85	3.93	0.00	3.93	

PROJECT TITLE:

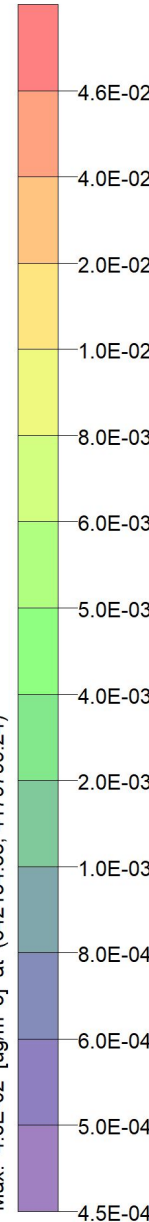
C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

COMMENTS:



ug/m³

PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL
Max: 4.6E-02 [ug/m³] at (642154.38, 4179799.24)



SOURCES:

7

RECEPTORS:

4021

OUTPUT TYPE:

Concentration

MAX:

4.6E-02 ug/m³

COMPANY NAME:

MODELER:

DATE:

2/26/2021

SCALE:

1:38,201



PROJECT NO.:

Control Pathway

AERMOD

Dispersion Options

Titles C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.	
Dispersion Options <input type="checkbox"/> Regulatory Default <input checked="" type="checkbox"/> Non-Default Options	Dispersion Coefficient Rural
<input checked="" type="checkbox"/> Elevated Terrain <input type="checkbox"/> No Stack-Tip Downwash (NOSTD) <input type="checkbox"/> Run in Screening Mode <input type="checkbox"/> Conversion of NOx to NO2 (OLM or PVMRM) <input type="checkbox"/> No Checks for Non-Sequential Met Data <input checked="" type="checkbox"/> Fast All Sources (FASTALL) <input type="checkbox"/> Fast Area Sources (FASTAREA) <input type="checkbox"/> Optimized Area Source Plume Depletion <input type="checkbox"/> Gas Deposition	Output Type <input checked="" type="checkbox"/> Concentration <input type="checkbox"/> Total Deposition (Dry & Wet) <input type="checkbox"/> Dry Deposition <input type="checkbox"/> Wet Deposition
<div style="border: 1px solid black; padding: 5px;"> BETA Options: <input type="checkbox"/> Capped and Horizontal Stack Releases <input type="checkbox"/> Adjusted Friction Velocity (u*) in AERMET (ADJ_U*) <input type="checkbox"/> Low Wind Options </div> <input type="checkbox"/> SCIM (Sampled Chronological Input Model) <input type="checkbox"/> Ignore Urban Night / Daytime Transition (NOURBTRAN)	Plume Depletion <input type="checkbox"/> Dry Removal <input type="checkbox"/> Wet Removal
	Output Warnings <input type="checkbox"/> No Output Warnings <input type="checkbox"/> Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM10	Exponential Decay <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Averaging Time Options Hours <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24 <input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual	Terrain Height Options <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated SO: Meters RE: Meters TG: Meters
Flagpole Receptors <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Default Height = 0.00 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: Tracy Alliance Phase 1 Operations Mitigated DPM.err

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: ONSITE_DPM (On-Site DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
10.30	3.33	3.15E-9		13	641885.71	4179785.96
		3.15E-9			642293.70	4179806.14
		3.15E-9			642276.60	4180549.64
		3.15E-9			642315.69	4180538.66
		3.15E-9			642576.93	4180840.53
		3.15E-9			642354.29	4180895.68
		3.15E-9			642316.64	4180890.83
		3.15E-9			642115.71	4180723.76
		3.15E-9			642046.01	4180714.39
		3.15E-9			641925.00	4180741.38
		3.15E-9			641867.15	4180579.26
		3.15E-9			641871.68	4180231.10
		3.15E-9			641883.43	4179933.33

Source Pathway - Source Inputs

AERMOD

Line Area Sources

Source Type: LINE AREA

Source: GRANT_NARROW (Grant Line - Narrow)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	1.18E-9	2.90	642240.15	4179796.64	10.66	0.00
			642370.14	4179802.71	10.56	0.00
			642468.35	4179807.41	10.65	0.00
			642522.65	4179810.81	10.42	0.00
			642601.30	4179815.09	10.26	0.00
			642753.89	4179822.72	9.65	0.00
			642870.97	4179828.53	9.00	0.00
			642997.37	4179834.93	8.56	0.00
			643058.89	4179838.14	8.24	0.00
			643276.88	4179849.70	7.72	0.00
			643328.83	4179852.61	7.77	0.00
			643373.85	4179852.10	7.93	0.00
			643406.67	4179847.70	8.14	0.00
			643430.60	4179842.01	8.40	0.00
			643493.86	4179821.89	8.50	0.00
			643512.08	4179816.54	8.42	0.00
			643534.21	4179811.19	7.81	0.00
			643559.11	4179807.66	7.64	0.00
			643584.56	4179806.59	7.35	0.00
			643837.49	4179810.10	6.87	0.00
			644304.14	4179819.98	6.91	0.00
			644381.56	4179816.77	6.84	0.00
			644639.88	4179802.61	6.89	0.00
			644920.10	4179780.34	6.69	0.00

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: GRANT_WIDE (East Grant - Wide)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
26.00	3.96E-10	2.90	639883.36	4179734.53	10.96	3.12
			640049.70	4179738.44	10.94	3.12
			640129.07	4179736.80	10.66	3.12
			640332.13	4179739.34	10.85	3.12
			640524.85	4179740.01	11.07	3.12
			640699.18	4179740.80	11.02	3.12
			640973.64	4179747.18	10.64	3.12
			641375.73	4179755.06	10.84	3.12
			641707.80	4179761.32	10.87	3.12
			642131.46	4179782.04	10.70	3.12
			642240.64	4179788.95	10.66	3.12

Source Type: LINE AREA

Source: HWY205 (Highway 205)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
48.00	2.43E-10	2.90	639915.98	4180899.34	9.30	3.12
			639987.03	4180907.58	9.10	3.12
			640073.77	4180914.25	9.05	3.12
			641143.27	4180936.85	8.98	3.12
			641981.33	4180952.99	7.71	3.12
			642628.24	4180964.34	8.15	3.12
			643389.33	4180982.37	7.56	3.12
			644550.34	4181004.59	8.48	3.12

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: PARADISE (DPM)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
16.00	7.22E-10	2.90	641915.85	4180743.61	8.10	3.12
			641856.19	4180579.29	8.26	3.12
			641859.36	4180208.62	9.60	3.12
			641875.78	4179785.62	10.30	3.12

Source Type: LINE AREA

Source: PESCADERO_NA (Pescadero - Narrow segment)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
14.00	8.23E-10	2.90	641847.47	4180579.89	8.29	3.12
			641627.29	4180574.25	7.94	3.12
			641457.58	4180572.75	8.05	3.12
			641280.37	4180568.97	8.09	3.12
			641038.41	4180563.52	8.46	3.12

Source Type: LINE AREA

Source: PESCADERO_WI (Pescadero - Wide segment)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
16.00	7.22E-10	2.90	641038.20	4180561.57	8.45	3.12
			640899.85	4180558.22	8.73	3.12
			640764.42	4180555.11	8.64	3.12
			640553.77	4180550.04	9.05	3.12
			640271.47	4180544.80	8.14	3.12
			639907.92	4180544.35	7.59	3.12

Source Pathway - Source Inputs

AERMOD

Area Sources Generated from Line Sources

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
PARADISE	A0000001	641908.34	4180746.34	3.12	87.40	109.96	7.76	2.90
	A0000002	641878.50	4180664.18	3.12	87.40	109.96	7.67	2.90
	A0000003	641848.19	4180579.23	3.12	123.56	89.51	8.31	2.90
	A0000004	641849.25	4180455.67	3.12	123.56	89.51	8.53	2.90
	A0000005	641850.30	4180332.11	3.12	123.56	89.51	9.22	2.90
	A0000006	641851.36	4180208.31	3.12	141.11	87.78	9.53	2.90
	A0000007	641856.84	4180067.31	3.12	141.11	87.78	9.99	2.90
	A0000008	641862.31	4179926.31	3.12	141.11	87.78	10.21	2.90

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
GRANT_WIDE	A0000009	639883.67	4179721.54	3.12	166.38	358.66	10.84	2.90
	A0000010	640049.43	4179725.44	3.12	79.39	1.18	10.98	2.90
	A0000011	640129.23	4179723.80	3.12	203.07	359.28	10.73	2.90
	A0000012	640332.17	4179726.34	3.12	192.72	359.80	10.71	2.90
	A0000013	640524.91	4179727.01	3.12	174.34	359.74	10.98	2.90
	A0000014	640699.48	4179727.80	3.12	137.27	358.67	10.89	2.90
	A0000015	640836.71	4179730.99	3.12	137.27	358.67	10.89	2.90
	A0000016	640973.90	4179734.18	3.12	201.08	358.88	10.68	2.90
	A0000017	641174.94	4179738.12	3.12	201.08	358.88	10.81	2.90
	A0000018	641375.97	4179742.07	3.12	166.07	358.92	10.90	2.90
	A0000019	641542.01	4179745.19	3.12	166.07	358.92	10.74	2.90
	A0000020	641708.44	4179748.33	3.12	212.08	357.20	10.69	2.90
	A0000021	641920.26	4179758.69	3.12	212.08	357.20	10.50	2.90
	A0000022	642132.28	4179769.06	3.12	109.40	356.38	10.69	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARRO	A0000023	642240.38	4179791.65	0.00	65.07	357.33	10.66	2.90
	A0000024	642305.38	4179794.68	0.00	65.07	357.33	10.56	2.90
	A0000025	642370.38	4179797.71	0.00	98.32	357.26	10.60	2.90
	A0000026	642468.66	4179802.42	0.00	54.41	356.41	10.64	2.90
	A0000027	642522.92	4179805.82	0.00	78.77	356.89	10.54	2.90
	A0000028	642601.55	4179810.09	0.00	76.39	357.14	10.35	2.90
	A0000029	642677.85	4179813.91	0.00	76.39	357.14	9.91	2.90
	A0000030	642754.14	4179817.73	0.00	58.61	357.16	9.67	2.90
	A0000031	642812.68	4179820.63	0.00	58.61	357.16	9.22	2.90
	A0000032	642871.22	4179823.54	0.00	63.28	357.10	9.01	2.90
	A0000033	642934.42	4179826.74	0.00	63.28	357.10	8.67	2.90
	A0000034	642997.63	4179829.94	0.00	61.60	357.02	8.39	2.90
	A0000035	643059.15	4179833.15	0.00	72.77	356.96	8.14	2.90
	A0000036	643131.82	4179837.00	0.00	72.77	356.96	8.08	2.90
	A0000037	643204.48	4179840.86	0.00	72.77	356.96	7.77	2.90
	A0000038	643277.16	4179844.71	0.00	52.03	356.80	7.73	2.90
	A0000039	643328.78	4179847.61	0.00	45.02	0.64	7.75	2.90
	A0000040	643373.19	4179847.15	0.00	33.11	7.64	7.77	2.90
	A0000041	643405.51	4179842.84	0.00	24.60	13.38	8.11	2.90
	A0000042	643429.09	4179837.25	0.00	66.38	17.65	8.19	2.90
	A0000043	643492.45	4179817.09	0.00	18.99	16.38	8.49	2.90
	A0000044	643510.91	4179811.68	0.00	22.76	13.58	8.32	2.90
	A0000045	643533.51	4179806.24	0.00	25.16	8.06	7.92	2.90
	A0000046	643558.90	4179802.67	0.00	25.46	2.41	7.59	2.90
	A0000047	643584.62	4179801.59	0.00	84.32	359.21	7.31	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000048	643668.94	4179802.76	0.00	84.32	359.21	7.02	2.90
	A0000049	643753.25	4179803.93	0.00	84.32	359.21	6.74	2.90
	A0000050	643837.59	4179805.10	0.00	93.35	358.79	6.68	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
HWY205	A0000051	639918.75	4180875.50	3.12	71.52	353.38	9.02	2.90
	A0000052	639988.87	4180883.65	3.12	87.00	355.60	8.61	2.90
	A0000053	640074.28	4180890.26	3.12	356.58	358.79	8.48	2.90
	A0000054	640430.78	4180897.79	3.12	356.58	358.79	8.49	2.90
	A0000055	640787.28	4180905.32	3.12	356.58	358.79	8.59	2.90
	A0000056	641143.74	4180912.85	3.12	419.10	358.90	8.51	2.90
	A0000057	641562.76	4180920.92	3.12	419.10	358.90	7.64	2.90
	A0000058	641981.75	4180929.00	3.12	323.51	358.99	8.25	2.90
	A0000059	642305.20	4180934.67	3.12	323.51	358.99	7.12	2.90
	A0000060	642628.81	4180940.35	3.12	380.65	358.64	6.75	2.90
	A0000061	643009.35	4180949.36	3.12	380.65	358.64	7.27	2.90
	A0000062	643389.79	4180958.37	3.12	387.08	358.90	7.83	2.90
	A0000063	643776.79	4180965.78	3.12	387.08	358.90	6.85	2.90
	A0000064	644163.80	4180973.19	3.12	387.08	358.90	6.95	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
DESCADERO_N	A0000065	641847.29	4180586.89	3.12	110.13	178.53	8.24	2.90
	A0000066	641737.20	4180584.07	3.12	110.13	178.53	7.84	2.90
	A0000067	641627.23	4180581.25	3.12	84.86	179.50	7.85	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
'ESCADERO_N	A0000068	641542.37	4180580.50	3.12	84.86	179.50	7.92	2.90
	A0000069	641457.43	4180579.75	3.12	88.62	178.78	7.94	2.90
	A0000070	641368.82	4180577.86	3.12	88.62	178.78	7.95	2.90
	A0000071	641280.21	4180575.97	3.12	121.01	178.71	8.03	2.90
	A0000072	641159.23	4180573.24	3.12	121.01	178.71	8.36	2.90
'ESCADERO_W	A0000073	641038.01	4180569.57	3.12	138.39	178.61	8.65	2.90
	A0000074	640899.67	4180566.21	3.12	135.47	178.69	8.95	2.90
	A0000075	640764.23	4180563.11	3.12	105.36	178.62	8.75	2.90
	A0000076	640658.90	4180560.57	3.12	105.36	178.62	8.97	2.90
	A0000077	640553.62	4180558.04	3.12	141.17	178.94	9.02	2.90
	A0000078	640412.47	4180555.42	3.12	141.17	178.94	8.61	2.90
	A0000079	640271.46	4180552.80	3.12	121.19	179.93	8.11	2.90
	A0000080	640150.28	4180552.65	3.12	121.19	179.93	7.70	2.90
	A0000081	640029.09	4180552.50	3.12	121.19	179.93	7.77	2.90
	RANT_NARRO	A0000082	643930.92	4179807.08	0.00	93.35	358.79	6.50
A0000083		644024.26	4179809.05	0.00	93.35	358.79	6.50	2.90
A0000084		644117.59	4179811.03	0.00	93.35	358.79	6.49	2.90
A0000085		644210.92	4179813.00	0.00	93.35	358.79	6.58	2.90
A0000086		644303.93	4179814.98	0.00	77.49	2.37	6.83	2.90
A0000087		644381.29	4179811.78	0.00	86.23	3.14	6.69	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000088	644467.39	4179807.06	0.00	86.23	3.14	6.78	2.90
	A0000089	644553.50	4179802.34	0.00	86.23	3.14	6.78	2.90
	A0000090	644639.48	4179797.63	0.00	93.70	4.54	6.67	2.90
	A0000091	644732.89	4179790.20	0.00	93.70	4.54	6.64	2.90
	A0000092	644826.30	4179782.78	0.00	93.70	4.54	6.68	2.90

Receptor Pathway

AERMOD

Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Discrete Cartesian Receptors

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	642423.59	4180906.20		5.74	
2	642441.65	4180909.13		5.71	
3	642480.08	4180894.46		6.83	
4	642519.76	4180888.29		5.42	
5	642566.51	4180882.54		5.07	
6	642626.31	4180850.18		5.27	
7	642669.21	4180807.50		4.70	
8	642766.30	4180717.00		5.31	
9	642864.59	4180554.77		5.81	
10	642843.70	4180532.79		5.99	
11	642612.01	4179848.87		9.81	
12	642624.90	4179791.78		10.39	
13	642639.86	4179791.65		10.35	
14	642667.43	4179795.46		9.94	
15	642693.29	4179797.16		9.84	
16	642728.95	4179797.77		9.79	
17	642798.23	4179801.48		9.03	
18	642838.25	4179796.55		8.93	
19	642873.35	4179801.20		8.83	
20	642903.14	4179804.04		8.64	
21	642861.85	4179877.44		8.79	
22	642915.46	4179883.14		9.24	
23	642889.34	4179922.70		8.80	
24	642916.53	4179957.30		8.35	
25	642846.92	4180017.86		8.29	
26	642969.73	4179932.63		8.53	
27	642984.82	4179936.19		8.37	
28	643006.43	4179931.45		8.58	
29	643027.44	4179882.32		8.62	
30	642942.74	4179809.51		8.49	

Receptor Pathway

AERMOD

31	642986.00	4179809.05	8.33
32	643009.48	4179802.10	8.33
33	643092.88	4179800.30	7.67
34	643107.73	4179811.01	7.72
35	643138.65	4179813.25	8.23
36	643123.91	4179779.64	8.25
37	643160.42	4179780.20	8.27
38	643175.36	4179761.55	8.29
39	643163.42	4179763.67	8.32
40	643139.64	4179753.74	8.35
41	643144.44	4179746.59	8.39
42	643213.32	4179778.97	8.13
43	643220.99	4179818.86	7.81
44	643231.24	4179817.25	7.83
45	643195.08	4179812.50	7.85
46	643266.55	4179806.39	7.79
47	643225.65	4179758.26	8.28
48	643235.56	4179763.82	8.27
49	643180.87	4179738.16	8.54
50	643132.53	4179699.67	8.87
51	643117.14	4179693.48	8.81
52	643101.08	4179686.86	8.98
53	643069.34	4179691.13	9.02
54	643077.53	4179710.91	8.88
55	643018.96	4179438.01	10.05
56	643084.59	4179523.29	9.74
57	643123.69	4179508.56	9.65
58	643205.32	4179504.68	9.73
59	643205.63	4179524.47	9.49
60	643228.04	4179453.82	9.60
61	643191.32	4179422.31	9.37
62	643156.40	4179471.78	9.88
63	643267.56	4179525.34	9.42
64	643239.54	4179565.68	9.28
65	643269.96	4179568.47	9.13
66	643276.56	4179548.69	9.25
67	643304.54	4179598.63	8.34
68	643198.44	4179596.54	9.10

Receptor Pathway

AERMOD

69	643165.27	4179587.66	9.05
70	643279.62	4179642.39	8.41
71	643342.12	4179677.63	8.40
72	643365.52	4179686.82	8.14
73	643412.02	4179712.59	8.03
74	643426.83	4179720.88	8.06
75	643443.06	4179763.53	7.71
76	643462.19	4179738.10	7.72
77	643477.05	4179744.65	7.75
78	643609.19	4179779.40	6.99
79	643581.34	4179779.40	7.10
80	643486.28	4179690.48	7.69
81	643461.70	4179683.07	7.85
82	643435.58	4179649.08	7.89
83	643445.96	4179656.83	7.86
84	643433.08	4179668.66	7.88
85	643472.43	4179636.73	7.74
86	643467.63	4179586.55	7.66
87	643474.60	4179575.24	7.82
88	643488.40	4179549.74	7.60
89	644226.05	4179433.08	7.30
90	643856.00	4179782.95	6.39
91	643894.54	4179783.96	6.19
92	643904.86	4179771.37	6.11
93	643902.09	4179750.97	6.08
94	643884.46	4179690.78	6.26
95	643988.56	4178601.40	11.42
96	643970.67	4178600.51	11.44
97	643953.35	4178599.84	11.46
98	643940.61	4178583.63	11.57
99	643898.25	4178561.06	11.56
100	643882.49	4178560.50	11.54
101	643868.08	4178560.61	11.50
102	643850.61	4178477.15	12.36
103	643802.93	4178519.25	11.99
104	643566.21	4178374.81	12.85
105	642899.11	4178625.63	13.25
106	642861.77	4178630.37	13.35

Receptor Pathway

AERMOD

107	642634.32	4178208.71	14.34
108	642761.13	4178115.10	14.42
109	642021.23	4178205.01	14.76
110	641455.17	4178051.75	15.53
111	640663.35	4177956.52	16.03
112	640591.80	4177954.95	16.27
113	640596.52	4177721.41	16.97
114	640657.83	4177883.48	16.30
115	640682.46	4177911.49	16.15
116	640695.49	4177909.55	16.19
117	640717.22	4177907.62	16.19
118	640718.67	4177867.06	16.41
119	640699.36	4177856.92	16.47
120	640661.69	4177868.02	16.36
121	640679.07	4177800.90	16.71
122	640699.84	4177807.66	16.56
123	640721.09	4177809.59	16.64
124	640660.72	4177772.41	16.71
125	640702.74	4177753.09	16.93
126	640669.42	4177758.89	16.73
127	640743.35	4177756.71	16.91
128	640801.27	4177764.04	16.95
129	640850.11	4177764.04	16.95
130	640883.26	4177755.67	16.90
131	640884.30	4177764.39	16.93
132	640885.00	4177773.81	16.93
133	640885.00	4177782.53	16.93
134	640883.26	4177791.95	16.90
135	640916.40	4177756.36	16.97
136	640946.76	4177754.97	16.87
137	640947.11	4177767.88	16.73
138	640916.75	4177765.78	16.94
139	640946.06	4177777.65	16.71
140	640917.80	4177775.20	16.88
141	640945.36	4177787.42	16.70
142	640917.80	4177784.97	16.88
143	640914.31	4177804.16	16.85
144	640916.40	4177794.39	16.87

Receptor Pathway

AERMOD

145	640943.62	4177804.86	16.66
146	640945.71	4177795.79	16.69
147	640979.90	4177758.81	16.68
148	640978.16	4177769.27	16.64
149	640976.41	4177776.95	16.63
150	640978.16	4177792.30	16.53
151	640978.85	4177801.02	16.50
152	640977.81	4177809.40	16.48
153	640978.51	4177820.56	16.46
154	640977.81	4177828.59	16.44
155	640879.77	4177800.67	16.84
156	640883.61	4177813.23	16.81
157	640885.35	4177824.75	16.84
158	640915.24	4177814.31	16.81
159	640945.30	4177816.13	16.60
160	640947.12	4177825.60	16.60
161	640915.97	4177824.87	16.78
162	640916.34	4177835.07	16.75
163	640946.57	4177835.98	16.57
164	640946.75	4177845.63	16.52
165	640915.61	4177844.18	16.73
166	640879.91	4177832.52	16.80
167	640885.19	4177842.36	16.74
168	640884.46	4177851.64	16.68
169	640916.34	4177852.74	16.71
170	640945.30	4177854.74	16.47
171	640945.48	4177863.12	16.45
172	640915.06	4177861.30	16.67
173	640883.19	4177861.12	16.61
174	640883.92	4177871.31	16.54
175	640885.38	4177879.87	16.49
176	640883.19	4177890.80	16.49
177	640915.97	4177871.68	16.61
178	640914.88	4177881.70	16.58
179	640944.20	4177871.86	16.44
180	640945.30	4177883.15	16.39
181	640944.57	4177893.17	16.37
182	640913.61	4177888.98	16.55

Receptor Pathway

AERMOD

183	640913.61	4177898.82	16.54
184	640944.20	4177902.46	16.38
185	640911.97	4177907.92	16.48
186	640944.75	4177911.02	16.35
187	640975.17	4177909.38	16.22
188	640976.99	4177900.64	16.25
189	640976.62	4177891.35	16.28
190	640978.44	4177881.51	16.26
191	640978.26	4177870.77	16.30
192	640980.08	4177860.39	16.31
193	640979.17	4177841.08	16.36
194	641027.15	4177771.72	16.80
195	641097.01	4177769.15	16.46
196	641050.94	4177776.86	16.58
197	641106.22	4177834.93	16.34
198	641112.42	4177909.52	15.89
199	641020.43	4177904.78	16.35
200	641092.38	4177966.96	15.79
201	640555.64	4178224.82	14.68
202	640382.10	4178168.75	15.06
203	640295.47	4178186.85	14.80
204	640289.24	4178169.94	14.93
205	640520.34	4178237.28	14.56
206	640568.99	4178242.62	14.68
207	642421.71	4179614.03	11.33
208	642419.19	4179586.04	11.55
209	641230.76	4179694.87	11.83
210	641806.79	4179870.63	10.26
211	641825.54	4179856.53	10.36
212	641492.88	4179824.18	10.67
213	641482.98	4179806.49	10.62
214	641401.40	4179805.19	10.73
215	641322.12	4179800.31	10.62
216	641199.49	4179789.22	10.67
217	641226.51	4179799.31	10.67
218	641254.87	4179804.73	10.50
219	641284.46	4179798.64	10.58
220	640672.91	4179804.60	10.57

Receptor Pathway

AERMOD

221	640909.50	4179873.06	10.45
222	640576.50	4179834.99	10.64
223	640471.40	4179791.88	10.57
224	640443.73	4179783.09	10.83
225	640490.06	4179808.83	10.59
226	640298.17	4179708.55	10.87
227	642150.64	4181339.61	4.85
228	642186.00	4181418.01	7.29
229	642076.74	4181423.01	4.93
230	642050.52	4181423.14	4.58
231	642015.47	4181420.37	4.60
232	642015.07	4181445.02	4.71
233	642806.07	4181128.16	4.97
234	643211.49	4181300.90	4.80
235	643199.12	4181323.37	4.79
236	643298.61	4181300.90	4.44
237	643326.13	4181311.50	4.53
238	643346.84	4181318.07	4.50
239	643321.08	4181355.19	5.00
240	643007.36	4181415.17	5.45
241	643051.46	4181483.78	5.49
242	643044.62	4181536.90	5.24
243	643074.82	4181735.00	4.31
244	643086.22	4182094.01	4.58
245	643112.32	4182105.50	4.56
246	643546.53	4181985.18	4.06
247	643513.62	4181994.64	3.90
248	643562.16	4182026.32	4.07
249	643691.88	4181951.64	4.69
250	644094.39	4181935.13	4.86
251	644141.12	4181899.90	4.90
252	644267.45	4181934.22	4.95
253	644287.49	4181943.88	4.85
254	644292.76	4181965.65	4.78
255	644292.05	4182056.81	6.89
256	642259.02	4181880.67	7.16
257	642310.80	4181936.64	7.27
258	642273.02	4181956.93	7.39

Receptor Pathway

AERMOD

259	642495.22	4182060.53	5.17
260	642520.63	4182128.95	4.82
261	642460.07	4182152.93	4.89
262	642395.94	4182171.85	4.89
263	642354.64	4182180.55	4.85
264	642309.47	4182187.07	4.89
265	642280.75	4182195.60	5.04
266	642284.96	4182251.52	5.06
267	642294.26	4182270.05	5.02
268	642091.45	4182315.72	5.07
269	641887.74	4182399.30	5.07
270	641273.71	4181787.58	6.87
271	641291.66	4181761.78	6.62
272	641217.11	4181351.16	5.94
273	640660.60	4181335.03	6.14
274	640788.06	4181343.64	5.94
275	640803.39	4181338.45	5.94
276	640649.98	4181397.27	5.41
277	640648.73	4182240.43	4.11
278	640586.47	4181956.43	4.05
279	640547.21	4181955.64	4.18
280	643437.92	4180843.06	2.54
281	643481.97	4180898.97	2.54
282	643433.96	4180777.27	2.63
283	643661.26	4180799.81	3.40
284	643358.63	4179948.56	7.24
285	643364.90	4179934.14	7.30
286	643369.06	4180042.08	8.11
287	643467.43	4180035.35	8.23
288	643303.09	4180066.52	6.80
289	643292.53	4180113.09	6.82
290	643351.83	4180094.85	6.59
291	643450.64	4180097.01	6.22
292	643491.34	4180094.80	7.11
293	643349.76	4180163.14	6.28
294	643408.25	4180231.85	5.77
295	643467.32	4180253.70	5.80
296	643521.65	4180278.59	5.50

Receptor Pathway

AERMOD

297	643572.31	4180303.75		5.37
298	643533.46	4180366.45		5.09
299	643621.79	4180419.99		8.03
300	643700.62	4180460.54		7.92
301	643875.45	4180553.54		7.92
302	643262.17	4179872.86		7.65
303	644358.55	4178997.60		8.74
304	644360.03	4179117.34		8.37
305	644400.66	4179118.33		8.38
306	644391.43	4179183.34		8.30
307	644346.19	4179235.67		8.00
308	644358.03	4179295.58		7.62
309	644377.37	4179348.51		7.39
310	644370.04	4179426.85		7.14
311	644366.28	4179467.77		6.98
312	644392.01	4179558.11		6.89
313	644363.59	4179543.35		6.81
314	644353.27	4179624.50		6.82
315	644348.20	4179699.91		6.66
316	644350.67	4179777.56		6.55
317	643056.95	4179847.93	FENCEPRI	8.07
318	643249.62	4179856.27	FENCEPRI	7.72
319	643244.70	4179977.45	FENCEPRI	7.48
320	643320.11	4179981.67	FENCEPRI	7.10
321	643317.62	4180052.81	FENCEPRI	6.83
322	643048.31	4180042.53	FENCEPRI	7.22
323	643061.89	4179848.14	FENCEINT	7.88
324	643066.83	4179848.36	FENCEINT	7.82
325	643071.77	4179848.57	FENCEINT	7.83
326	643076.71	4179848.79	FENCEINT	7.80
327	643081.65	4179849.00	FENCEINT	7.76
328	643086.59	4179849.21	FENCEINT	7.74
329	643091.53	4179849.43	FENCEINT	7.72
330	643096.47	4179849.64	FENCEINT	7.71
331	643101.41	4179849.85	FENCEINT	7.70
332	643106.35	4179850.07	FENCEINT	7.70
333	643111.29	4179850.28	FENCEINT	7.73
334	643116.23	4179850.50	FENCEINT	7.74

Receptor Pathway

AERMOD

335	643121.17	4179850.71	FENCEINT	7.75
336	643126.11	4179850.92	FENCEINT	7.75
337	643131.05	4179851.14	FENCEINT	7.75
338	643135.99	4179851.35	FENCEINT	7.76
339	643140.93	4179851.57	FENCEINT	7.75
340	643145.87	4179851.78	FENCEINT	7.74
341	643150.81	4179851.99	FENCEINT	7.77
342	643155.76	4179852.21	FENCEINT	7.81
343	643160.70	4179852.42	FENCEINT	7.85
344	643165.64	4179852.63	FENCEINT	7.87
345	643170.58	4179852.85	FENCEINT	7.88
346	643175.52	4179853.06	FENCEINT	7.87
347	643180.46	4179853.28	FENCEINT	7.87
348	643185.40	4179853.49	FENCEINT	7.88
349	643190.34	4179853.70	FENCEINT	7.87
350	643195.28	4179853.92	FENCEINT	7.87
351	643200.22	4179854.13	FENCEINT	7.86
352	643205.16	4179854.35	FENCEINT	7.86
353	643210.10	4179854.56	FENCEINT	7.86
354	643215.04	4179854.77	FENCEINT	7.85
355	643219.98	4179854.99	FENCEINT	7.83
356	643224.92	4179855.20	FENCEINT	7.82
357	643229.86	4179855.41	FENCEINT	7.80
358	643234.80	4179855.63	FENCEINT	7.79
359	643239.74	4179855.84	FENCEINT	7.77
360	643244.68	4179856.06	FENCEINT	7.74
361	643249.42	4179861.12	FENCEINT	7.68
362	643249.23	4179865.96	FENCEINT	7.67
363	643249.03	4179870.81	FENCEINT	7.66
364	643248.83	4179875.66	FENCEINT	7.65
365	643248.64	4179880.51	FENCEINT	7.64
366	643248.44	4179885.35	FENCEINT	7.63
367	643248.24	4179890.20	FENCEINT	7.63
368	643248.05	4179895.05	FENCEINT	7.63
369	643247.85	4179899.89	FENCEINT	7.63
370	643247.65	4179904.74	FENCEINT	7.64
371	643247.46	4179909.59	FENCEINT	7.64
372	643247.26	4179914.44	FENCEINT	7.66

Receptor Pathway

AERMOD

373	643247.06	4179919.28	FENCEINT	7.69
374	643246.86	4179924.13	FENCEINT	7.71
375	643246.67	4179928.98	FENCEINT	7.67
376	643246.47	4179933.83	FENCEINT	7.64
377	643246.27	4179938.67	FENCEINT	7.62
378	643246.08	4179943.52	FENCEINT	7.59
379	643245.88	4179948.37	FENCEINT	7.56
380	643245.68	4179953.21	FENCEINT	7.53
381	643245.49	4179958.06	FENCEINT	7.50
382	643245.29	4179962.91	FENCEINT	7.48
383	643245.09	4179967.76	FENCEINT	7.48
384	643244.90	4179972.60	FENCEINT	7.48
385	643249.41	4179977.71	FENCEINT	7.48
386	643254.13	4179977.98	FENCEINT	7.45
387	643258.84	4179978.24	FENCEINT	7.42
388	643263.55	4179978.51	FENCEINT	7.37
389	643268.27	4179978.77	FENCEINT	7.32
390	643272.98	4179979.03	FENCEINT	7.28
391	643277.69	4179979.30	FENCEINT	7.23
392	643282.41	4179979.56	FENCEINT	7.19
393	643287.12	4179979.82	FENCEINT	7.15
394	643291.83	4179980.09	FENCEINT	7.11
395	643296.54	4179980.35	FENCEINT	7.08
396	643301.26	4179980.62	FENCEINT	7.07
397	643305.97	4179980.88	FENCEINT	7.07
398	643310.68	4179981.14	FENCEINT	7.07
399	643315.40	4179981.41	FENCEINT	7.08
400	643319.94	4179986.41	FENCEINT	7.15
401	643319.78	4179991.16	FENCEINT	7.11
402	643319.61	4179995.90	FENCEINT	7.07
403	643319.45	4180000.64	FENCEINT	7.04
404	643319.28	4180005.38	FENCEINT	7.01
405	643319.11	4180010.13	FENCEINT	6.98
406	643318.95	4180014.87	FENCEINT	6.96
407	643318.78	4180019.61	FENCEINT	6.94
408	643318.62	4180024.35	FENCEINT	6.93
409	643318.45	4180029.10	FENCEINT	6.92
410	643318.28	4180033.84	FENCEINT	6.92

Receptor Pathway

AERMOD

411	643318.12	4180038.58	FENCEINT	6.91
412	643317.95	4180043.32	FENCEINT	6.88
413	643317.79	4180048.07	FENCEINT	6.84
414	643312.63	4180052.62	FENCEINT	6.84
415	643307.65	4180052.43	FENCEINT	6.88
416	643302.66	4180052.24	FENCEINT	6.93
417	643297.67	4180052.05	FENCEINT	6.97
418	643292.68	4180051.86	FENCEINT	7.02
419	643287.70	4180051.67	FENCEINT	7.07
420	643282.71	4180051.48	FENCEINT	7.13
421	643277.72	4180051.29	FENCEINT	7.17
422	643272.74	4180051.10	FENCEINT	7.21
423	643267.75	4180050.91	FENCEINT	7.19
424	643262.76	4180050.72	FENCEINT	7.16
425	643257.77	4180050.53	FENCEINT	7.07
426	643252.79	4180050.34	FENCEINT	7.04
427	643247.80	4180050.14	FENCEINT	7.02
428	643242.81	4180049.95	FENCEINT	7.02
429	643237.82	4180049.76	FENCEINT	7.04
430	643232.84	4180049.57	FENCEINT	7.10
431	643227.85	4180049.38	FENCEINT	7.16
432	643222.86	4180049.19	FENCEINT	7.23
433	643217.88	4180049.00	FENCEINT	7.25
434	643212.89	4180048.81	FENCEINT	7.27
435	643207.90	4180048.62	FENCEINT	7.28
436	643202.91	4180048.43	FENCEINT	7.29
437	643197.93	4180048.24	FENCEINT	7.30
438	643192.94	4180048.05	FENCEINT	7.29
439	643187.95	4180047.86	FENCEINT	7.29
440	643182.97	4180047.67	FENCEINT	7.28
441	643177.98	4180047.48	FENCEINT	7.28
442	643172.99	4180047.29	FENCEINT	7.28
443	643168.00	4180047.10	FENCEINT	7.27
444	643163.02	4180046.91	FENCEINT	7.26
445	643158.03	4180046.72	FENCEINT	7.24
446	643153.04	4180046.53	FENCEINT	7.22
447	643148.05	4180046.34	FENCEINT	7.19
448	643143.07	4180046.15	FENCEINT	7.17

Receptor Pathway

AERMOD

449	643138.08	4180045.96	FENCEINT	7.14
450	643133.09	4180045.77	FENCEINT	7.11
451	643128.11	4180045.58	FENCEINT	7.10
452	643123.12	4180045.39	FENCEINT	7.09
453	643118.13	4180045.20	FENCEINT	7.10
454	643113.14	4180045.00	FENCEINT	7.11
455	643108.16	4180044.81	FENCEINT	7.11
456	643103.17	4180044.62	FENCEINT	7.13
457	643098.18	4180044.43	FENCEINT	7.14
458	643093.20	4180044.24	FENCEINT	7.15
459	643088.21	4180044.05	FENCEINT	7.15
460	643083.22	4180043.86	FENCEINT	7.15
461	643078.23	4180043.67	FENCEINT	7.16
462	643073.25	4180043.48	FENCEINT	7.16
463	643068.26	4180043.29	FENCEINT	7.16
464	643063.27	4180043.10	FENCEINT	7.16
465	643058.28	4180042.91	FENCEINT	7.17
466	643053.30	4180042.72	FENCEINT	7.19
467	643048.53	4180037.54	FENCEINT	7.23
468	643048.75	4180032.55	FENCEINT	7.23
469	643048.97	4180027.56	FENCEINT	7.20
470	643049.20	4180022.57	FENCEINT	7.17
471	643049.42	4180017.58	FENCEINT	7.17
472	643049.64	4180012.59	FENCEINT	7.16
473	643049.86	4180007.60	FENCEINT	7.17
474	643050.08	4180002.61	FENCEINT	7.17
475	643050.30	4179997.62	FENCEINT	7.19
476	643050.53	4179992.63	FENCEINT	7.21
477	643050.75	4179987.64	FENCEINT	7.21
478	643050.97	4179982.65	FENCEINT	7.21
479	643051.19	4179977.66	FENCEINT	7.23
480	643051.41	4179972.67	FENCEINT	7.26
481	643051.63	4179967.68	FENCEINT	7.31
482	643051.85	4179962.69	FENCEINT	7.37
483	643052.08	4179957.70	FENCEINT	7.48
484	643052.30	4179952.71	FENCEINT	7.61
485	643052.52	4179947.72	FENCEINT	7.67
486	643052.74	4179942.74	FENCEINT	7.70

Receptor Pathway

AERMOD

487	643052.96	4179937.75	FENCEINT	7.73
488	643053.18	4179932.76	FENCEINT	7.75
489	643053.41	4179927.77	FENCEINT	7.77
490	643053.63	4179922.78	FENCEINT	7.80
491	643053.85	4179917.79	FENCEINT	7.83
492	643054.07	4179912.80	FENCEINT	7.87
493	643054.29	4179907.81	FENCEINT	7.90
494	643054.51	4179902.82	FENCEINT	7.92
495	643054.73	4179897.83	FENCEINT	7.94
496	643054.96	4179892.84	FENCEINT	7.96
497	643055.18	4179887.85	FENCEINT	7.97
498	643055.40	4179882.86	FENCEINT	7.96
499	643055.62	4179877.87	FENCEINT	7.95
500	643055.84	4179872.88	FENCEINT	7.94
501	643056.06	4179867.89	FENCEINT	7.95
502	643056.29	4179862.90	FENCEINT	7.98
503	643056.51	4179857.91	FENCEINT	8.01
504	643056.73	4179852.92	FENCEINT	8.03
505	644709.80	4181175.99		5.24
506	643845.20	4181463.75		7.71
507	644330.00	4180865.21		4.60
508	644452.33	4180865.29		5.27
509	644512.10	4180798.27		7.93
510	644319.84	4180764.59		4.35
511	644308.04	4180746.23		4.90
512	644138.04	4180612.81		5.41
513	644879.84	4180073.43		6.41
514	644852.72	4180057.70		6.58
515	644815.58	4180084.08		6.54
516	644434.45	4179763.78		6.41
517	644480.49	4179753.87		6.37
518	644533.82	4179754.07		6.24
519	644572.15	4179751.45		6.22
520	644614.87	4179749.47		6.36
521	644666.65	4179744.39		6.25
522	644709.75	4179741.55		6.42
523	644654.65	4179684.42		6.98
524	644756.54	4179741.37		6.28

Receptor Pathway

AERMOD

525	644802.88	4179734.95	6.43
526	644438.45	4179613.05	6.74
527	644419.90	4179655.61	6.44
528	644515.31	4179578.76	6.95
529	644568.92	4179611.72	6.77
530	644632.74	4179604.09	6.97
531	644622.52	4179628.84	6.75
532	644692.02	4179626.72	6.77
533	644715.72	4179622.20	6.74
534	644736.91	4179575.92	6.98
535	644896.13	4179734.33	6.68
536	644890.29	4179678.94	6.88
537	644870.72	4179630.27	6.88
538	644844.88	4179581.26	6.89
539	644811.63	4179524.16	7.12
540	644888.52	4179486.80	7.31
541	644843.91	4179447.63	7.35
542	644751.04	4179453.34	7.24
543	644687.08	4179421.77	7.25
544	644651.04	4179382.11	7.43
545	644781.49	4179374.57	7.52
546	644638.75	4179524.00	6.77
547	644704.20	4179540.46	7.02
548	644720.05	4179331.30	7.66
549	644652.73	4179276.83	7.82
550	644594.69	4179286.60	7.81
551	644553.55	4179307.88	8.03
552	644582.85	4179385.45	7.42
553	644547.59	4179463.84	7.26
554	644587.96	4179533.53	6.99
555	644464.69	4179511.51	7.11
556	644458.51	4179430.01	7.27
557	644481.84	4179451.80	7.24
558	644511.17	4179343.07	7.49
559	644422.52	4179188.89	8.22
560	644494.33	4179201.46	8.16
561	644536.24	4179160.11	8.33
562	644510.90	4179123.08	8.42

Receptor Pathway

AERMOD

563	644479.20	4179133.58		8.35
564	644448.31	4179129.95		8.47
565	644452.76	4179185.46		8.12
566	644819.26	4178110.75		12.44
567	644432.02	4178184.01		11.91
568	643789.26	4178237.48		13.01
569	643119.53	4178034.41		14.98
570	640400.83	4178086.93		15.28
571	640651.52	4182600.78		6.74
572	640381.96	4182411.74		4.34
573	640647.52	4182373.39		4.00
574	640650.54	4182298.58		4.20
575	641085.45	4182754.82		4.65
576	641137.09	4182713.73		4.54
577	644304.24	4182367.65		3.81
578	644313.47	4182401.60		3.57
579	644346.08	4182544.35		3.82
580	644342.13	4182579.51		3.77
581	644298.15	4182492.21		3.32
582	641852.53	4179800.57	UCART1	10.29
583	641877.53	4179800.57	UCART1	10.40
584	641902.53	4179800.57	UCART1	10.20
585	641927.53	4179800.57	UCART1	10.36
586	641952.53	4179800.57	UCART1	10.15
587	641977.53	4179800.57	UCART1	10.28
588	642002.53	4179800.57	UCART1	10.23
589	642027.53	4179800.57	UCART1	10.23
590	642052.53	4179800.57	UCART1	10.18
591	642077.53	4179800.57	UCART1	10.28
592	642102.53	4179800.57	UCART1	10.26
593	642127.53	4179800.57	UCART1	10.25
594	642152.53	4179800.57	UCART1	10.25
595	642177.53	4179800.57	UCART1	10.38
596	642202.53	4179800.57	UCART1	10.45
597	642227.53	4179800.57	UCART1	10.47
598	642252.53	4179800.57	UCART1	10.47
599	642277.53	4179800.57	UCART1	10.49
600	642302.53	4179800.57	UCART1	10.50

Receptor Pathway

AERMOD

601	642327.53	4179800.57	UCART1	10.51
602	642352.53	4179800.57	UCART1	10.51
603	642377.53	4179800.57	UCART1	10.59
604	642402.53	4179800.57	UCART1	10.61
605	642427.53	4179800.57	UCART1	10.61
606	642452.53	4179800.57	UCART1	10.60
607	642477.53	4179800.57	UCART1	10.63
608	642502.53	4179800.57	UCART1	10.56
609	642527.53	4179800.57	UCART1	10.44
610	642552.53	4179800.57	UCART1	10.36
611	642577.53	4179800.57	UCART1	10.23
612	641852.53	4179825.57	UCART1	10.43
613	641877.53	4179825.57	UCART1	10.49
614	641902.53	4179825.57	UCART1	10.30
615	641927.53	4179825.57	UCART1	10.49
616	641952.53	4179825.57	UCART1	10.16
617	641977.53	4179825.57	UCART1	10.17
618	642002.53	4179825.57	UCART1	10.15
619	642027.53	4179825.57	UCART1	10.09
620	642052.53	4179825.57	UCART1	10.06
621	642077.53	4179825.57	UCART1	10.02
622	642102.53	4179825.57	UCART1	9.99
623	642127.53	4179825.57	UCART1	9.95
624	642152.53	4179825.57	UCART1	9.91
625	642177.53	4179825.57	UCART1	9.87
626	642202.53	4179825.57	UCART1	9.83
627	642227.53	4179825.57	UCART1	9.80
628	642252.53	4179825.57	UCART1	9.81
629	642277.53	4179825.57	UCART1	9.83
630	642302.53	4179825.57	UCART1	9.82
631	642327.53	4179825.57	UCART1	9.73
632	642352.53	4179825.57	UCART1	9.73
633	642377.53	4179825.57	UCART1	9.72
634	642402.53	4179825.57	UCART1	9.72
635	642427.53	4179825.57	UCART1	9.74
636	642452.53	4179825.57	UCART1	9.77
637	642477.53	4179825.57	UCART1	9.79
638	642502.53	4179825.57	UCART1	9.78

Receptor Pathway

AERMOD

639	642527.53	4179825.57	UCART1	9.79
640	642552.53	4179825.57	UCART1	9.81
641	642577.53	4179825.57	UCART1	9.81
642	641852.53	4179850.57	UCART1	10.44
643	641877.53	4179850.57	UCART1	10.52
644	641902.53	4179850.57	UCART1	10.38
645	641927.53	4179850.57	UCART1	10.16
646	641952.53	4179850.57	UCART1	10.13
647	641977.53	4179850.57	UCART1	10.07
648	642002.53	4179850.57	UCART1	10.05
649	642027.53	4179850.57	UCART1	10.04
650	642052.53	4179850.57	UCART1	10.03
651	642077.53	4179850.57	UCART1	10.03
652	642102.53	4179850.57	UCART1	10.01
653	642127.53	4179850.57	UCART1	9.97
654	642152.53	4179850.57	UCART1	9.92
655	642177.53	4179850.57	UCART1	9.88
656	642202.53	4179850.57	UCART1	9.83
657	642227.53	4179850.57	UCART1	9.80
658	642252.53	4179850.57	UCART1	9.79
659	642277.53	4179850.57	UCART1	9.72
660	642302.53	4179850.57	UCART1	9.73
661	642327.53	4179850.57	UCART1	9.67
662	642352.53	4179850.57	UCART1	9.65
663	642377.53	4179850.57	UCART1	9.65
664	642402.53	4179850.57	UCART1	9.63
665	642427.53	4179850.57	UCART1	9.63
666	642452.53	4179850.57	UCART1	9.63
667	642477.53	4179850.57	UCART1	9.61
668	642502.53	4179850.57	UCART1	9.58
669	642527.53	4179850.57	UCART1	9.54
670	642552.53	4179850.57	UCART1	9.51
671	642577.53	4179850.57	UCART1	9.43
672	641852.53	4179875.57	UCART1	10.09
673	641877.53	4179875.57	UCART1	10.38
674	641902.53	4179875.57	UCART1	10.16
675	641927.53	4179875.57	UCART1	9.71
676	641952.53	4179875.57	UCART1	9.68

Receptor Pathway

AERMOD

677	641977.53	4179875.57	UCART1	9.84
678	642002.53	4179875.57	UCART1	9.81
679	642027.53	4179875.57	UCART1	9.76
680	642052.53	4179875.57	UCART1	9.81
681	642077.53	4179875.57	UCART1	9.86
682	642102.53	4179875.57	UCART1	9.95
683	642127.53	4179875.57	UCART1	9.97
684	642152.53	4179875.57	UCART1	9.98
685	642177.53	4179875.57	UCART1	9.89
686	642202.53	4179875.57	UCART1	9.85
687	642227.53	4179875.57	UCART1	9.89
688	642252.53	4179875.57	UCART1	9.97
689	642277.53	4179875.57	UCART1	9.98
690	642302.53	4179875.57	UCART1	9.67
691	642327.53	4179875.57	UCART1	9.60
692	642352.53	4179875.57	UCART1	9.60
693	642377.53	4179875.57	UCART1	9.59
694	642402.53	4179875.57	UCART1	9.56
695	642427.53	4179875.57	UCART1	9.57
696	642452.53	4179875.57	UCART1	9.56
697	642477.53	4179875.57	UCART1	9.53
698	642502.53	4179875.57	UCART1	9.51
699	642527.53	4179875.57	UCART1	9.46
700	642552.53	4179875.57	UCART1	9.43
701	642577.53	4179875.57	UCART1	9.37
702	641852.53	4179900.57	UCART1	10.15
703	641877.53	4179900.57	UCART1	10.23
704	641902.53	4179900.57	UCART1	9.88
705	641927.53	4179900.57	UCART1	9.64
706	641952.53	4179900.57	UCART1	9.48
707	641977.53	4179900.57	UCART1	9.74
708	642002.53	4179900.57	UCART1	9.73
709	642027.53	4179900.57	UCART1	9.69
710	642052.53	4179900.57	UCART1	9.71
711	642077.53	4179900.57	UCART1	9.77
712	642102.53	4179900.57	UCART1	9.84
713	642127.53	4179900.57	UCART1	9.86
714	642152.53	4179900.57	UCART1	9.87

Receptor Pathway

AERMOD

715	642177.53	4179900.57	UCART1	9.79
716	642202.53	4179900.57	UCART1	9.72
717	642227.53	4179900.57	UCART1	9.79
718	642252.53	4179900.57	UCART1	9.87
719	642277.53	4179900.57	UCART1	9.86
720	642302.53	4179900.57	UCART1	9.56
721	642327.53	4179900.57	UCART1	9.53
722	642352.53	4179900.57	UCART1	9.53
723	642377.53	4179900.57	UCART1	9.52
724	642402.53	4179900.57	UCART1	9.50
725	642427.53	4179900.57	UCART1	9.49
726	642452.53	4179900.57	UCART1	9.49
727	642477.53	4179900.57	UCART1	9.47
728	642502.53	4179900.57	UCART1	9.42
729	642527.53	4179900.57	UCART1	9.39
730	642552.53	4179900.57	UCART1	9.37
731	642577.53	4179900.57	UCART1	9.29
732	641852.53	4179925.57	UCART1	10.06
733	641877.53	4179925.57	UCART1	10.12
734	641902.53	4179925.57	UCART1	9.78
735	641927.53	4179925.57	UCART1	9.43
736	641952.53	4179925.57	UCART1	9.59
737	641977.53	4179925.57	UCART1	9.66
738	642002.53	4179925.57	UCART1	9.67
739	642027.53	4179925.57	UCART1	9.63
740	642052.53	4179925.57	UCART1	9.65
741	642077.53	4179925.57	UCART1	9.72
742	642102.53	4179925.57	UCART1	9.77
743	642127.53	4179925.57	UCART1	9.79
744	642152.53	4179925.57	UCART1	9.79
745	642177.53	4179925.57	UCART1	9.72
746	642202.53	4179925.57	UCART1	9.63
747	642227.53	4179925.57	UCART1	9.69
748	642252.53	4179925.57	UCART1	9.78
749	642277.53	4179925.57	UCART1	9.77
750	642302.53	4179925.57	UCART1	9.50
751	642327.53	4179925.57	UCART1	9.46
752	642352.53	4179925.57	UCART1	9.45

Receptor Pathway

AERMOD

753	642377.53	4179925.57	UCART1	9.44
754	642402.53	4179925.57	UCART1	9.42
755	642427.53	4179925.57	UCART1	9.41
756	642452.53	4179925.57	UCART1	9.40
757	642477.53	4179925.57	UCART1	9.39
758	642502.53	4179925.57	UCART1	9.34
759	642527.53	4179925.57	UCART1	9.31
760	642552.53	4179925.57	UCART1	9.29
761	642577.53	4179925.57	UCART1	9.23
762	641852.53	4179950.57	UCART1	10.19
763	641877.53	4179950.57	UCART1	10.04
764	641902.53	4179950.57	UCART1	9.79
765	641927.53	4179950.57	UCART1	9.42
766	641952.53	4179950.57	UCART1	9.60
767	641977.53	4179950.57	UCART1	9.61
768	642002.53	4179950.57	UCART1	9.61
769	642027.53	4179950.57	UCART1	9.58
770	642052.53	4179950.57	UCART1	9.58
771	642077.53	4179950.57	UCART1	9.65
772	642102.53	4179950.57	UCART1	9.71
773	642127.53	4179950.57	UCART1	9.71
774	642152.53	4179950.57	UCART1	9.71
775	642177.53	4179950.57	UCART1	9.66
776	642202.53	4179950.57	UCART1	9.57
777	642227.53	4179950.57	UCART1	9.59
778	642252.53	4179950.57	UCART1	9.66
779	642277.53	4179950.57	UCART1	9.67
780	642302.53	4179950.57	UCART1	9.42
781	642327.53	4179950.57	UCART1	9.39
782	642352.53	4179950.57	UCART1	9.37
783	642377.53	4179950.57	UCART1	9.35
784	642402.53	4179950.57	UCART1	9.34
785	642427.53	4179950.57	UCART1	9.33
786	642452.53	4179950.57	UCART1	9.32
787	642477.53	4179950.57	UCART1	9.30
788	642502.53	4179950.57	UCART1	9.26
789	642527.53	4179950.57	UCART1	9.23
790	642552.53	4179950.57	UCART1	9.20

Receptor Pathway

AERMOD

791	642577.53	4179950.57	UCART1	9.14
792	641852.53	4179975.57	UCART1	9.94
793	641877.53	4179975.57	UCART1	9.95
794	641902.53	4179975.57	UCART1	9.61
795	641927.53	4179975.57	UCART1	9.51
796	641952.53	4179975.57	UCART1	9.57
797	641977.53	4179975.57	UCART1	9.58
798	642002.53	4179975.57	UCART1	9.57
799	642027.53	4179975.57	UCART1	9.53
800	642052.53	4179975.57	UCART1	9.51
801	642077.53	4179975.57	UCART1	9.58
802	642102.53	4179975.57	UCART1	9.64
803	642127.53	4179975.57	UCART1	9.65
804	642152.53	4179975.57	UCART1	9.62
805	642177.53	4179975.57	UCART1	9.58
806	642202.53	4179975.57	UCART1	9.49
807	642227.53	4179975.57	UCART1	9.49
808	642252.53	4179975.57	UCART1	9.54
809	642277.53	4179975.57	UCART1	9.57
810	642302.53	4179975.57	UCART1	9.34
811	642327.53	4179975.57	UCART1	9.30
812	642352.53	4179975.57	UCART1	9.29
813	642377.53	4179975.57	UCART1	9.27
814	642402.53	4179975.57	UCART1	9.25
815	642427.53	4179975.57	UCART1	9.24
816	642452.53	4179975.57	UCART1	9.24
817	642477.53	4179975.57	UCART1	9.20
818	642502.53	4179975.57	UCART1	9.16
819	642527.53	4179975.57	UCART1	9.13
820	642552.53	4179975.57	UCART1	9.11
821	642577.53	4179975.57	UCART1	9.07
822	641852.53	4180000.57	UCART1	10.10
823	641877.53	4180000.57	UCART1	9.90
824	641902.53	4180000.57	UCART1	9.64
825	641927.53	4180000.57	UCART1	9.64
826	641952.53	4180000.57	UCART1	9.54
827	641977.53	4180000.57	UCART1	9.57
828	642002.53	4180000.57	UCART1	9.54

Receptor Pathway

AERMOD

829	642027.53	4180000.57	UCART1	9.50
830	642052.53	4180000.57	UCART1	9.46
831	642077.53	4180000.57	UCART1	9.51
832	642102.53	4180000.57	UCART1	9.57
833	642127.53	4180000.57	UCART1	9.56
834	642152.53	4180000.57	UCART1	9.55
835	642177.53	4180000.57	UCART1	9.52
836	642202.53	4180000.57	UCART1	9.42
837	642227.53	4180000.57	UCART1	9.41
838	642252.53	4180000.57	UCART1	9.43
839	642277.53	4180000.57	UCART1	9.46
840	642302.53	4180000.57	UCART1	9.25
841	642327.53	4180000.57	UCART1	9.21
842	642352.53	4180000.57	UCART1	9.19
843	642377.53	4180000.57	UCART1	9.19
844	642402.53	4180000.57	UCART1	9.17
845	642427.53	4180000.57	UCART1	9.15
846	642452.53	4180000.57	UCART1	9.14
847	642477.53	4180000.57	UCART1	9.11
848	642502.53	4180000.57	UCART1	9.07
849	642527.53	4180000.57	UCART1	9.05
850	642552.53	4180000.57	UCART1	9.04
851	642577.53	4180000.57	UCART1	9.00
852	641852.53	4180025.57	UCART1	10.28
853	641877.53	4180025.57	UCART1	9.91
854	641902.53	4180025.57	UCART1	9.60
855	641927.53	4180025.57	UCART1	9.62
856	641952.53	4180025.57	UCART1	9.58
857	641977.53	4180025.57	UCART1	9.55
858	642002.53	4180025.57	UCART1	9.53
859	642027.53	4180025.57	UCART1	9.49
860	642052.53	4180025.57	UCART1	9.43
861	642077.53	4180025.57	UCART1	9.45
862	642102.53	4180025.57	UCART1	9.48
863	642127.53	4180025.57	UCART1	9.48
864	642152.53	4180025.57	UCART1	9.49
865	642177.53	4180025.57	UCART1	9.46
866	642202.53	4180025.57	UCART1	9.37

Receptor Pathway

AERMOD

867	642227.53	4180025.57	UCART1	9.35
868	642252.53	4180025.57	UCART1	9.34
869	642277.53	4180025.57	UCART1	9.36
870	642302.53	4180025.57	UCART1	9.15
871	642327.53	4180025.57	UCART1	9.12
872	642352.53	4180025.57	UCART1	9.11
873	642377.53	4180025.57	UCART1	9.08
874	642402.53	4180025.57	UCART1	9.07
875	642427.53	4180025.57	UCART1	9.05
876	642452.53	4180025.57	UCART1	9.04
877	642477.53	4180025.57	UCART1	9.02
878	642502.53	4180025.57	UCART1	8.99
879	642527.53	4180025.57	UCART1	8.98
880	642552.53	4180025.57	UCART1	8.97
881	642577.53	4180025.57	UCART1	8.92
882	641852.53	4180050.57	UCART1	10.33
883	641877.53	4180050.57	UCART1	9.84
884	641902.53	4180050.57	UCART1	9.59
885	641927.53	4180050.57	UCART1	9.57
886	641952.53	4180050.57	UCART1	9.54
887	641977.53	4180050.57	UCART1	9.50
888	642002.53	4180050.57	UCART1	9.50
889	642027.53	4180050.57	UCART1	9.47
890	642052.53	4180050.57	UCART1	9.41
891	642077.53	4180050.57	UCART1	9.39
892	642102.53	4180050.57	UCART1	9.38
893	642127.53	4180050.57	UCART1	9.40
894	642152.53	4180050.57	UCART1	9.43
895	642177.53	4180050.57	UCART1	9.40
896	642202.53	4180050.57	UCART1	9.31
897	642227.53	4180050.57	UCART1	9.29
898	642252.53	4180050.57	UCART1	9.27
899	642277.53	4180050.57	UCART1	9.27
900	642302.53	4180050.57	UCART1	9.06
901	642327.53	4180050.57	UCART1	9.02
902	642352.53	4180050.57	UCART1	8.99
903	642377.53	4180050.57	UCART1	8.99
904	642402.53	4180050.57	UCART1	8.96

Receptor Pathway

AERMOD

905	642427.53	4180050.57	UCART1	8.94
906	642452.53	4180050.57	UCART1	8.95
907	642477.53	4180050.57	UCART1	8.95
908	642502.53	4180050.57	UCART1	8.92
909	642527.53	4180050.57	UCART1	8.90
910	642552.53	4180050.57	UCART1	8.90
911	642577.53	4180050.57	UCART1	8.83
912	641852.53	4180075.57	UCART1	10.04
913	641877.53	4180075.57	UCART1	9.73
914	641902.53	4180075.57	UCART1	9.54
915	641927.53	4180075.57	UCART1	9.50
916	641952.53	4180075.57	UCART1	9.46
917	641977.53	4180075.57	UCART1	9.45
918	642002.53	4180075.57	UCART1	9.45
919	642027.53	4180075.57	UCART1	9.41
920	642052.53	4180075.57	UCART1	9.36
921	642077.53	4180075.57	UCART1	9.31
922	642102.53	4180075.57	UCART1	9.30
923	642127.53	4180075.57	UCART1	9.33
924	642152.53	4180075.57	UCART1	9.37
925	642177.53	4180075.57	UCART1	9.33
926	642202.53	4180075.57	UCART1	9.25
927	642227.53	4180075.57	UCART1	9.21
928	642252.53	4180075.57	UCART1	9.18
929	642277.53	4180075.57	UCART1	9.16
930	642302.53	4180075.57	UCART1	8.95
931	642327.53	4180075.57	UCART1	8.91
932	642352.53	4180075.57	UCART1	8.90
933	642377.53	4180075.57	UCART1	8.88
934	642402.53	4180075.57	UCART1	8.86
935	642427.53	4180075.57	UCART1	8.86
936	642452.53	4180075.57	UCART1	8.87
937	642477.53	4180075.57	UCART1	8.86
938	642502.53	4180075.57	UCART1	8.83
939	642527.53	4180075.57	UCART1	8.82
940	642552.53	4180075.57	UCART1	8.81
941	642577.53	4180075.57	UCART1	8.76
942	641852.53	4180100.57	UCART1	10.03

Receptor Pathway

AERMOD

943	641877.53	4180100.57	UCART1	9.71
944	641902.53	4180100.57	UCART1	9.52
945	641927.53	4180100.57	UCART1	9.46
946	641952.53	4180100.57	UCART1	9.38
947	641977.53	4180100.57	UCART1	9.38
948	642002.53	4180100.57	UCART1	9.38
949	642027.53	4180100.57	UCART1	9.34
950	642052.53	4180100.57	UCART1	9.29
951	642077.53	4180100.57	UCART1	9.25
952	642102.53	4180100.57	UCART1	9.21
953	642127.53	4180100.57	UCART1	9.23
954	642152.53	4180100.57	UCART1	9.25
955	642177.53	4180100.57	UCART1	9.22
956	642202.53	4180100.57	UCART1	9.16
957	642227.53	4180100.57	UCART1	9.12
958	642252.53	4180100.57	UCART1	9.09
959	642277.53	4180100.57	UCART1	9.04
960	642302.53	4180100.57	UCART1	8.84
961	642327.53	4180100.57	UCART1	8.81
962	642352.53	4180100.57	UCART1	8.80
963	642377.53	4180100.57	UCART1	8.79
964	642402.53	4180100.57	UCART1	8.79
965	642427.53	4180100.57	UCART1	8.78
966	642452.53	4180100.57	UCART1	8.79
967	642477.53	4180100.57	UCART1	8.78
968	642502.53	4180100.57	UCART1	8.75
969	642527.53	4180100.57	UCART1	8.74
970	642552.53	4180100.57	UCART1	8.72
971	642577.53	4180100.57	UCART1	8.67
972	641852.53	4180125.57	UCART1	10.06
973	641877.53	4180125.57	UCART1	9.65
974	641902.53	4180125.57	UCART1	9.42
975	641927.53	4180125.57	UCART1	9.45
976	641952.53	4180125.57	UCART1	9.41
977	641977.53	4180125.57	UCART1	9.38
978	642002.53	4180125.57	UCART1	9.36
979	642027.53	4180125.57	UCART1	9.32
980	642052.53	4180125.57	UCART1	9.27

Receptor Pathway

AERMOD

981	642077.53	4180125.57	UCART1	9.22
982	642102.53	4180125.57	UCART1	9.18
983	642127.53	4180125.57	UCART1	9.14
984	642152.53	4180125.57	UCART1	9.09
985	642177.53	4180125.57	UCART1	9.04
986	642202.53	4180125.57	UCART1	8.97
987	642227.53	4180125.57	UCART1	8.91
988	642252.53	4180125.57	UCART1	8.84
989	642277.53	4180125.57	UCART1	8.79
990	642302.53	4180125.57	UCART1	8.72
991	642327.53	4180125.57	UCART1	8.72
992	642352.53	4180125.57	UCART1	8.74
993	642377.53	4180125.57	UCART1	8.72
994	642402.53	4180125.57	UCART1	8.71
995	642427.53	4180125.57	UCART1	8.69
996	642452.53	4180125.57	UCART1	8.71
997	642477.53	4180125.57	UCART1	8.69
998	642502.53	4180125.57	UCART1	8.66
999	642527.53	4180125.57	UCART1	8.66
1,000	642552.53	4180125.57	UCART1	8.64
1,001	642577.53	4180125.57	UCART1	8.59
1,002	641852.53	4180150.57	UCART1	10.02
1,003	641877.53	4180150.57	UCART1	9.54
1,004	641902.53	4180150.57	UCART1	9.35
1,005	641927.53	4180150.57	UCART1	9.32
1,006	641952.53	4180150.57	UCART1	9.27
1,007	641977.53	4180150.57	UCART1	9.25
1,008	642002.53	4180150.57	UCART1	9.23
1,009	642027.53	4180150.57	UCART1	9.20
1,010	642052.53	4180150.57	UCART1	9.16
1,011	642077.53	4180150.57	UCART1	9.11
1,012	642102.53	4180150.57	UCART1	9.10
1,013	642127.53	4180150.57	UCART1	9.05
1,014	642152.53	4180150.57	UCART1	9.02
1,015	642177.53	4180150.57	UCART1	9.03
1,016	642202.53	4180150.57	UCART1	8.99
1,017	642227.53	4180150.57	UCART1	8.97
1,018	642252.53	4180150.57	UCART1	8.90

Receptor Pathway

AERMOD

1,019	642277.53	4180150.57	UCART1	8.78
1,020	642302.53	4180150.57	UCART1	8.65
1,021	642327.53	4180150.57	UCART1	8.65
1,022	642352.53	4180150.57	UCART1	8.66
1,023	642377.53	4180150.57	UCART1	8.64
1,024	642402.53	4180150.57	UCART1	8.61
1,025	642427.53	4180150.57	UCART1	8.61
1,026	642452.53	4180150.57	UCART1	8.61
1,027	642477.53	4180150.57	UCART1	8.59
1,028	642502.53	4180150.57	UCART1	8.57
1,029	642527.53	4180150.57	UCART1	8.57
1,030	642552.53	4180150.57	UCART1	8.55
1,031	642577.53	4180150.57	UCART1	8.51
1,032	641852.53	4180175.57	UCART1	9.94
1,033	641877.53	4180175.57	UCART1	9.46
1,034	641902.53	4180175.57	UCART1	9.27
1,035	641927.53	4180175.57	UCART1	9.23
1,036	641952.53	4180175.57	UCART1	9.20
1,037	641977.53	4180175.57	UCART1	9.16
1,038	642002.53	4180175.57	UCART1	9.16
1,039	642027.53	4180175.57	UCART1	9.12
1,040	642052.53	4180175.57	UCART1	9.08
1,041	642077.53	4180175.57	UCART1	9.02
1,042	642102.53	4180175.57	UCART1	8.99
1,043	642127.53	4180175.57	UCART1	8.93
1,044	642152.53	4180175.57	UCART1	8.90
1,045	642177.53	4180175.57	UCART1	8.92
1,046	642202.53	4180175.57	UCART1	8.91
1,047	642227.53	4180175.57	UCART1	8.89
1,048	642252.53	4180175.57	UCART1	8.82
1,049	642277.53	4180175.57	UCART1	8.64
1,050	642302.53	4180175.57	UCART1	8.57
1,051	642327.53	4180175.57	UCART1	8.58
1,052	642352.53	4180175.57	UCART1	8.59
1,053	642377.53	4180175.57	UCART1	8.55
1,054	642402.53	4180175.57	UCART1	8.54
1,055	642427.53	4180175.57	UCART1	8.52
1,056	642452.53	4180175.57	UCART1	8.52

Receptor Pathway

AERMOD

1,057	642477.53	4180175.57	UCART1	8.50
1,058	642502.53	4180175.57	UCART1	8.47
1,059	642527.53	4180175.57	UCART1	8.48
1,060	642552.53	4180175.57	UCART1	8.46
1,061	642577.53	4180175.57	UCART1	8.42
1,062	641852.53	4180200.57	UCART1	9.61
1,063	641877.53	4180200.57	UCART1	9.36
1,064	641902.53	4180200.57	UCART1	9.21
1,065	641927.53	4180200.57	UCART1	9.17
1,066	641952.53	4180200.57	UCART1	9.13
1,067	641977.53	4180200.57	UCART1	9.08
1,068	642002.53	4180200.57	UCART1	9.08
1,069	642027.53	4180200.57	UCART1	9.04
1,070	642052.53	4180200.57	UCART1	8.99
1,071	642077.53	4180200.57	UCART1	8.92
1,072	642102.53	4180200.57	UCART1	8.90
1,073	642127.53	4180200.57	UCART1	8.82
1,074	642152.53	4180200.57	UCART1	8.80
1,075	642177.53	4180200.57	UCART1	8.84
1,076	642202.53	4180200.57	UCART1	8.84
1,077	642227.53	4180200.57	UCART1	8.84
1,078	642252.53	4180200.57	UCART1	8.76
1,079	642277.53	4180200.57	UCART1	8.59
1,080	642302.53	4180200.57	UCART1	8.49
1,081	642327.53	4180200.57	UCART1	8.50
1,082	642352.53	4180200.57	UCART1	8.50
1,083	642377.53	4180200.57	UCART1	8.47
1,084	642402.53	4180200.57	UCART1	8.45
1,085	642427.53	4180200.57	UCART1	8.43
1,086	642452.53	4180200.57	UCART1	8.43
1,087	642477.53	4180200.57	UCART1	8.41
1,088	642502.53	4180200.57	UCART1	8.38
1,089	642527.53	4180200.57	UCART1	8.38
1,090	642552.53	4180200.57	UCART1	8.37
1,091	642577.53	4180200.57	UCART1	8.31
1,092	641852.53	4180225.57	UCART1	9.53
1,093	641877.53	4180225.57	UCART1	9.28
1,094	641902.53	4180225.57	UCART1	9.14

Receptor Pathway

AERMOD

1,095	641927.53	4180225.57	UCART1	9.11
1,096	641952.53	4180225.57	UCART1	9.08
1,097	641977.53	4180225.57	UCART1	9.01
1,098	642002.53	4180225.57	UCART1	9.00
1,099	642027.53	4180225.57	UCART1	8.96
1,100	642052.53	4180225.57	UCART1	8.90
1,101	642077.53	4180225.57	UCART1	8.83
1,102	642102.53	4180225.57	UCART1	8.81
1,103	642127.53	4180225.57	UCART1	8.72
1,104	642152.53	4180225.57	UCART1	8.71
1,105	642177.53	4180225.57	UCART1	8.75
1,106	642202.53	4180225.57	UCART1	8.77
1,107	642227.53	4180225.57	UCART1	8.77
1,108	642252.53	4180225.57	UCART1	8.70
1,109	642277.53	4180225.57	UCART1	8.50
1,110	642302.53	4180225.57	UCART1	8.41
1,111	642327.53	4180225.57	UCART1	8.42
1,112	642352.53	4180225.57	UCART1	8.41
1,113	642377.53	4180225.57	UCART1	8.38
1,114	642402.53	4180225.57	UCART1	8.37
1,115	642427.53	4180225.57	UCART1	8.35
1,116	642452.53	4180225.57	UCART1	8.34
1,117	642477.53	4180225.57	UCART1	8.34
1,118	642502.53	4180225.57	UCART1	8.30
1,119	642527.53	4180225.57	UCART1	8.30
1,120	642552.53	4180225.57	UCART1	8.27
1,121	642577.53	4180225.57	UCART1	8.22
1,122	641852.53	4180250.57	UCART1	9.53
1,123	641877.53	4180250.57	UCART1	9.19
1,124	641902.53	4180250.57	UCART1	9.07
1,125	641927.53	4180250.57	UCART1	9.03
1,126	641952.53	4180250.57	UCART1	9.00
1,127	641977.53	4180250.57	UCART1	8.94
1,128	642002.53	4180250.57	UCART1	8.93
1,129	642027.53	4180250.57	UCART1	8.88
1,130	642052.53	4180250.57	UCART1	8.83
1,131	642077.53	4180250.57	UCART1	8.73
1,132	642102.53	4180250.57	UCART1	8.71

Receptor Pathway

AERMOD

1,133	642127.53	4180250.57	UCART1	8.63
1,134	642152.53	4180250.57	UCART1	8.63
1,135	642177.53	4180250.57	UCART1	8.67
1,136	642202.53	4180250.57	UCART1	8.70
1,137	642227.53	4180250.57	UCART1	8.69
1,138	642252.53	4180250.57	UCART1	8.62
1,139	642277.53	4180250.57	UCART1	8.44
1,140	642302.53	4180250.57	UCART1	8.34
1,141	642327.53	4180250.57	UCART1	8.34
1,142	642352.53	4180250.57	UCART1	8.34
1,143	642377.53	4180250.57	UCART1	8.30
1,144	642402.53	4180250.57	UCART1	8.28
1,145	642427.53	4180250.57	UCART1	8.26
1,146	642452.53	4180250.57	UCART1	8.25
1,147	642477.53	4180250.57	UCART1	8.25
1,148	642502.53	4180250.57	UCART1	8.22
1,149	642527.53	4180250.57	UCART1	8.21
1,150	642552.53	4180250.57	UCART1	8.18
1,151	642577.53	4180250.57	UCART1	8.15
1,152	641852.53	4180275.57	UCART1	9.44
1,153	641877.53	4180275.57	UCART1	9.09
1,154	641902.53	4180275.57	UCART1	8.98
1,155	641927.53	4180275.57	UCART1	8.95
1,156	641952.53	4180275.57	UCART1	8.93
1,157	641977.53	4180275.57	UCART1	8.86
1,158	642002.53	4180275.57	UCART1	8.85
1,159	642027.53	4180275.57	UCART1	8.79
1,160	642052.53	4180275.57	UCART1	8.75
1,161	642077.53	4180275.57	UCART1	8.63
1,162	642102.53	4180275.57	UCART1	8.61
1,163	642127.53	4180275.57	UCART1	8.55
1,164	642152.53	4180275.57	UCART1	8.56
1,165	642177.53	4180275.57	UCART1	8.59
1,166	642202.53	4180275.57	UCART1	8.62
1,167	642227.53	4180275.57	UCART1	8.61
1,168	642252.53	4180275.57	UCART1	8.55
1,169	642277.53	4180275.57	UCART1	8.34
1,170	642302.53	4180275.57	UCART1	8.27

Receptor Pathway

AERMOD

1,171	642327.53	4180275.57	UCART1	8.27
1,172	642352.53	4180275.57	UCART1	8.26
1,173	642377.53	4180275.57	UCART1	8.23
1,174	642402.53	4180275.57	UCART1	8.20
1,175	642427.53	4180275.57	UCART1	8.17
1,176	642452.53	4180275.57	UCART1	8.18
1,177	642477.53	4180275.57	UCART1	8.16
1,178	642502.53	4180275.57	UCART1	8.14
1,179	642527.53	4180275.57	UCART1	8.11
1,180	642552.53	4180275.57	UCART1	8.08
1,181	642577.53	4180275.57	UCART1	8.03
1,182	641852.53	4180300.57	UCART1	9.29
1,183	641877.53	4180300.57	UCART1	8.97
1,184	641902.53	4180300.57	UCART1	8.90
1,185	641927.53	4180300.57	UCART1	8.87
1,186	641952.53	4180300.57	UCART1	8.84
1,187	641977.53	4180300.57	UCART1	8.78
1,188	642002.53	4180300.57	UCART1	8.77
1,189	642027.53	4180300.57	UCART1	8.70
1,190	642052.53	4180300.57	UCART1	8.65
1,191	642077.53	4180300.57	UCART1	8.54
1,192	642102.53	4180300.57	UCART1	8.52
1,193	642127.53	4180300.57	UCART1	8.47
1,194	642152.53	4180300.57	UCART1	8.49
1,195	642177.53	4180300.57	UCART1	8.52
1,196	642202.53	4180300.57	UCART1	8.54
1,197	642227.53	4180300.57	UCART1	8.52
1,198	642252.53	4180300.57	UCART1	8.48
1,199	642277.53	4180300.57	UCART1	8.28
1,200	642302.53	4180300.57	UCART1	8.21
1,201	642327.53	4180300.57	UCART1	8.19
1,202	642352.53	4180300.57	UCART1	8.18
1,203	642377.53	4180300.57	UCART1	8.15
1,204	642402.53	4180300.57	UCART1	8.13
1,205	642427.53	4180300.57	UCART1	8.10
1,206	642452.53	4180300.57	UCART1	8.10
1,207	642477.53	4180300.57	UCART1	8.08
1,208	642502.53	4180300.57	UCART1	8.04

Receptor Pathway

AERMOD

1,209	642527.53	4180300.57	UCART1	8.01
1,210	642552.53	4180300.57	UCART1	7.99
1,211	642577.53	4180300.57	UCART1	7.94
1,212	641852.53	4180325.57	UCART1	9.18
1,213	641877.53	4180325.57	UCART1	8.89
1,214	641902.53	4180325.57	UCART1	8.82
1,215	641927.53	4180325.57	UCART1	8.77
1,216	641952.53	4180325.57	UCART1	8.75
1,217	641977.53	4180325.57	UCART1	8.67
1,218	642002.53	4180325.57	UCART1	8.66
1,219	642027.53	4180325.57	UCART1	8.59
1,220	642052.53	4180325.57	UCART1	8.56
1,221	642077.53	4180325.57	UCART1	8.47
1,222	642102.53	4180325.57	UCART1	8.44
1,223	642127.53	4180325.57	UCART1	8.40
1,224	642152.53	4180325.57	UCART1	8.42
1,225	642177.53	4180325.57	UCART1	8.44
1,226	642202.53	4180325.57	UCART1	8.46
1,227	642227.53	4180325.57	UCART1	8.43
1,228	642252.53	4180325.57	UCART1	8.39
1,229	642277.53	4180325.57	UCART1	8.21
1,230	642302.53	4180325.57	UCART1	8.15
1,231	642327.53	4180325.57	UCART1	8.12
1,232	642352.53	4180325.57	UCART1	8.11
1,233	642377.53	4180325.57	UCART1	8.08
1,234	642402.53	4180325.57	UCART1	8.05
1,235	642427.53	4180325.57	UCART1	8.03
1,236	642452.53	4180325.57	UCART1	8.02
1,237	642477.53	4180325.57	UCART1	8.00
1,238	642502.53	4180325.57	UCART1	7.96
1,239	642527.53	4180325.57	UCART1	7.92
1,240	642552.53	4180325.57	UCART1	7.94
1,241	642577.53	4180325.57	UCART1	7.95
1,242	641852.53	4180350.57	UCART1	9.03
1,243	641877.53	4180350.57	UCART1	8.77
1,244	641902.53	4180350.57	UCART1	8.67
1,245	641927.53	4180350.57	UCART1	8.63
1,246	641952.53	4180350.57	UCART1	8.61

Receptor Pathway

AERMOD

1,247	641977.53	4180350.57	UCART1	8.53
1,248	642002.53	4180350.57	UCART1	8.52
1,249	642027.53	4180350.57	UCART1	8.47
1,250	642052.53	4180350.57	UCART1	8.45
1,251	642077.53	4180350.57	UCART1	8.39
1,252	642102.53	4180350.57	UCART1	8.38
1,253	642127.53	4180350.57	UCART1	8.33
1,254	642152.53	4180350.57	UCART1	8.32
1,255	642177.53	4180350.57	UCART1	8.33
1,256	642202.53	4180350.57	UCART1	8.34
1,257	642227.53	4180350.57	UCART1	8.32
1,258	642252.53	4180350.57	UCART1	8.30
1,259	642277.53	4180350.57	UCART1	8.13
1,260	642302.53	4180350.57	UCART1	8.09
1,261	642327.53	4180350.57	UCART1	8.06
1,262	642352.53	4180350.57	UCART1	8.04
1,263	642377.53	4180350.57	UCART1	8.00
1,264	642402.53	4180350.57	UCART1	7.98
1,265	642427.53	4180350.57	UCART1	7.97
1,266	642452.53	4180350.57	UCART1	7.95
1,267	642477.53	4180350.57	UCART1	7.93
1,268	642502.53	4180350.57	UCART1	7.88
1,269	642527.53	4180350.57	UCART1	7.92
1,270	642552.53	4180350.57	UCART1	7.81
1,271	642577.53	4180350.57	UCART1	7.51
1,272	641852.53	4180375.57	UCART1	8.91
1,273	641877.53	4180375.57	UCART1	8.62
1,274	641902.53	4180375.57	UCART1	8.53
1,275	641927.53	4180375.57	UCART1	8.48
1,276	641952.53	4180375.57	UCART1	8.48
1,277	641977.53	4180375.57	UCART1	8.42
1,278	642002.53	4180375.57	UCART1	8.40
1,279	642027.53	4180375.57	UCART1	8.35
1,280	642052.53	4180375.57	UCART1	8.34
1,281	642077.53	4180375.57	UCART1	8.31
1,282	642102.53	4180375.57	UCART1	8.29
1,283	642127.53	4180375.57	UCART1	8.23
1,284	642152.53	4180375.57	UCART1	8.21

Receptor Pathway

AERMOD

1,285	642177.53	4180375.57	UCART1	8.20
1,286	642202.53	4180375.57	UCART1	8.20
1,287	642227.53	4180375.57	UCART1	8.17
1,288	642252.53	4180375.57	UCART1	8.16
1,289	642277.53	4180375.57	UCART1	8.01
1,290	642302.53	4180375.57	UCART1	8.03
1,291	642327.53	4180375.57	UCART1	8.00
1,292	642352.53	4180375.57	UCART1	7.98
1,293	642377.53	4180375.57	UCART1	7.94
1,294	642402.53	4180375.57	UCART1	7.92
1,295	642427.53	4180375.57	UCART1	7.90
1,296	642452.53	4180375.57	UCART1	7.87
1,297	642477.53	4180375.57	UCART1	7.83
1,298	642502.53	4180375.57	UCART1	7.91
1,299	642527.53	4180375.57	UCART1	7.70
1,300	642552.53	4180375.57	UCART1	7.46
1,301	642577.53	4180375.57	UCART1	7.41
1,302	641852.53	4180400.57	UCART1	8.74
1,303	641877.53	4180400.57	UCART1	8.51
1,304	641902.53	4180400.57	UCART1	8.42
1,305	641927.53	4180400.57	UCART1	8.36
1,306	641952.53	4180400.57	UCART1	8.37
1,307	641977.53	4180400.57	UCART1	8.30
1,308	642002.53	4180400.57	UCART1	8.29
1,309	642027.53	4180400.57	UCART1	8.25
1,310	642052.53	4180400.57	UCART1	8.23
1,311	642077.53	4180400.57	UCART1	8.21
1,312	642102.53	4180400.57	UCART1	8.19
1,313	642127.53	4180400.57	UCART1	8.14
1,314	642152.53	4180400.57	UCART1	8.11
1,315	642177.53	4180400.57	UCART1	8.09
1,316	642202.53	4180400.57	UCART1	8.06
1,317	642227.53	4180400.57	UCART1	8.03
1,318	642252.53	4180400.57	UCART1	8.02
1,319	642277.53	4180400.57	UCART1	7.89
1,320	642302.53	4180400.57	UCART1	7.97
1,321	642327.53	4180400.57	UCART1	7.95
1,322	642352.53	4180400.57	UCART1	7.92

Receptor Pathway

AERMOD

1,323	642377.53	4180400.57	UCART1	7.88
1,324	642402.53	4180400.57	UCART1	7.86
1,325	642427.53	4180400.57	UCART1	7.82
1,326	642452.53	4180400.57	UCART1	7.78
1,327	642477.53	4180400.57	UCART1	7.96
1,328	642502.53	4180400.57	UCART1	7.62
1,329	642527.53	4180400.57	UCART1	7.39
1,330	642552.53	4180400.57	UCART1	7.33
1,331	642577.53	4180400.57	UCART1	7.29
1,332	641852.53	4180425.57	UCART1	8.64
1,333	641877.53	4180425.57	UCART1	8.41
1,334	641902.53	4180425.57	UCART1	8.34
1,335	641927.53	4180425.57	UCART1	8.28
1,336	641952.53	4180425.57	UCART1	8.28
1,337	641977.53	4180425.57	UCART1	8.21
1,338	642002.53	4180425.57	UCART1	8.19
1,339	642027.53	4180425.57	UCART1	8.16
1,340	642052.53	4180425.57	UCART1	8.14
1,341	642077.53	4180425.57	UCART1	8.12
1,342	642102.53	4180425.57	UCART1	8.10
1,343	642127.53	4180425.57	UCART1	8.04
1,344	642152.53	4180425.57	UCART1	8.01
1,345	642177.53	4180425.57	UCART1	7.99
1,346	642202.53	4180425.57	UCART1	7.96
1,347	642227.53	4180425.57	UCART1	7.93
1,348	642252.53	4180425.57	UCART1	7.92
1,349	642277.53	4180425.57	UCART1	7.82
1,350	642302.53	4180425.57	UCART1	7.92
1,351	642327.53	4180425.57	UCART1	7.89
1,352	642352.53	4180425.57	UCART1	7.86
1,353	642377.53	4180425.57	UCART1	7.81
1,354	642402.53	4180425.57	UCART1	7.77
1,355	642427.53	4180425.57	UCART1	7.73
1,356	642452.53	4180425.57	UCART1	7.95
1,357	642477.53	4180425.57	UCART1	7.55
1,358	642502.53	4180425.57	UCART1	7.38
1,359	642527.53	4180425.57	UCART1	7.29
1,360	642552.53	4180425.57	UCART1	7.22

Receptor Pathway

AERMOD

1,361	642577.53	4180425.57	UCART1	7.17
1,362	641852.53	4180450.57	UCART1	8.52
1,363	641877.53	4180450.57	UCART1	8.29
1,364	641902.53	4180450.57	UCART1	8.25
1,365	641927.53	4180450.57	UCART1	8.20
1,366	641952.53	4180450.57	UCART1	8.19
1,367	641977.53	4180450.57	UCART1	8.13
1,368	642002.53	4180450.57	UCART1	8.11
1,369	642027.53	4180450.57	UCART1	8.09
1,370	642052.53	4180450.57	UCART1	8.07
1,371	642077.53	4180450.57	UCART1	8.05
1,372	642102.53	4180450.57	UCART1	8.03
1,373	642127.53	4180450.57	UCART1	7.98
1,374	642152.53	4180450.57	UCART1	7.94
1,375	642177.53	4180450.57	UCART1	7.91
1,376	642202.53	4180450.57	UCART1	7.89
1,377	642227.53	4180450.57	UCART1	7.86
1,378	642252.53	4180450.57	UCART1	7.85
1,379	642277.53	4180450.57	UCART1	7.77
1,380	642302.53	4180450.57	UCART1	7.87
1,381	642327.53	4180450.57	UCART1	7.84
1,382	642352.53	4180450.57	UCART1	7.81
1,383	642377.53	4180450.57	UCART1	7.73
1,384	642402.53	4180450.57	UCART1	7.69
1,385	642427.53	4180450.57	UCART1	7.91
1,386	642452.53	4180450.57	UCART1	7.47
1,387	642477.53	4180450.57	UCART1	7.34
1,388	642502.53	4180450.57	UCART1	7.27
1,389	642527.53	4180450.57	UCART1	7.20
1,390	642552.53	4180450.57	UCART1	7.12
1,391	642577.53	4180450.57	UCART1	7.03
1,392	641852.53	4180475.57	UCART1	8.46
1,393	641877.53	4180475.57	UCART1	8.21
1,394	641902.53	4180475.57	UCART1	8.17
1,395	641927.53	4180475.57	UCART1	8.11
1,396	641952.53	4180475.57	UCART1	8.11
1,397	641977.53	4180475.57	UCART1	8.05
1,398	642002.53	4180475.57	UCART1	8.04

Receptor Pathway

AERMOD

1,399	642027.53	4180475.57	UCART1	8.01
1,400	642052.53	4180475.57	UCART1	7.99
1,401	642077.53	4180475.57	UCART1	7.97
1,402	642102.53	4180475.57	UCART1	7.95
1,403	642127.53	4180475.57	UCART1	7.90
1,404	642152.53	4180475.57	UCART1	7.87
1,405	642177.53	4180475.57	UCART1	7.83
1,406	642202.53	4180475.57	UCART1	7.82
1,407	642227.53	4180475.57	UCART1	7.79
1,408	642252.53	4180475.57	UCART1	7.77
1,409	642277.53	4180475.57	UCART1	7.68
1,410	642302.53	4180475.57	UCART1	7.80
1,411	642327.53	4180475.57	UCART1	7.78
1,412	642352.53	4180475.57	UCART1	7.73
1,413	642377.53	4180475.57	UCART1	7.68
1,414	642402.53	4180475.57	UCART1	7.85
1,415	642427.53	4180475.57	UCART1	7.38
1,416	642452.53	4180475.57	UCART1	7.30
1,417	642477.53	4180475.57	UCART1	7.23
1,418	642502.53	4180475.57	UCART1	7.16
1,419	642527.53	4180475.57	UCART1	7.10
1,420	642552.53	4180475.57	UCART1	7.01
1,421	642577.53	4180475.57	UCART1	6.92
1,422	641852.53	4180500.57	UCART1	8.36
1,423	641877.53	4180500.57	UCART1	8.11
1,424	641902.53	4180500.57	UCART1	8.09
1,425	641927.53	4180500.57	UCART1	8.04
1,426	641952.53	4180500.57	UCART1	8.04
1,427	641977.53	4180500.57	UCART1	7.98
1,428	642002.53	4180500.57	UCART1	7.96
1,429	642027.53	4180500.57	UCART1	7.93
1,430	642052.53	4180500.57	UCART1	7.91
1,431	642077.53	4180500.57	UCART1	7.89
1,432	642102.53	4180500.57	UCART1	7.87
1,433	642127.53	4180500.57	UCART1	7.83
1,434	642152.53	4180500.57	UCART1	7.79
1,435	642177.53	4180500.57	UCART1	7.75
1,436	642202.53	4180500.57	UCART1	7.74

Receptor Pathway

AERMOD

1,437	642227.53	4180500.57	UCART1	7.71
1,438	642252.53	4180500.57	UCART1	7.69
1,439	642277.53	4180500.57	UCART1	7.61
1,440	642302.53	4180500.57	UCART1	7.70
1,441	642327.53	4180500.57	UCART1	7.67
1,442	642352.53	4180500.57	UCART1	7.74
1,443	642377.53	4180500.57	UCART1	7.76
1,444	642402.53	4180500.57	UCART1	7.34
1,445	642427.53	4180500.57	UCART1	7.27
1,446	642452.53	4180500.57	UCART1	7.20
1,447	642477.53	4180500.57	UCART1	7.12
1,448	642502.53	4180500.57	UCART1	7.06
1,449	642527.53	4180500.57	UCART1	6.99
1,450	642552.53	4180500.57	UCART1	6.92
1,451	642577.53	4180500.57	UCART1	6.83
1,452	641852.53	4180525.57	UCART1	8.23
1,453	641877.53	4180525.57	UCART1	8.01
1,454	641902.53	4180525.57	UCART1	8.00
1,455	641927.53	4180525.57	UCART1	7.96
1,456	641952.53	4180525.57	UCART1	7.94
1,457	641977.53	4180525.57	UCART1	7.90
1,458	642002.53	4180525.57	UCART1	7.88
1,459	642027.53	4180525.57	UCART1	7.85
1,460	642052.53	4180525.57	UCART1	7.83
1,461	642077.53	4180525.57	UCART1	7.81
1,462	642102.53	4180525.57	UCART1	7.79
1,463	642127.53	4180525.57	UCART1	7.74
1,464	642152.53	4180525.57	UCART1	7.70
1,465	642177.53	4180525.57	UCART1	7.66
1,466	642202.53	4180525.57	UCART1	7.65
1,467	642227.53	4180525.57	UCART1	7.61
1,468	642252.53	4180525.57	UCART1	7.59
1,469	642277.53	4180525.57	UCART1	7.55
1,470	642302.53	4180525.57	UCART1	7.57
1,471	642327.53	4180525.57	UCART1	7.73
1,472	642352.53	4180525.57	UCART1	7.62
1,473	642377.53	4180525.57	UCART1	7.28
1,474	642402.53	4180525.57	UCART1	7.22

Receptor Pathway

AERMOD

1,475	642427.53	4180525.57	UCART1	7.15
1,476	642452.53	4180525.57	UCART1	7.10
1,477	642477.53	4180525.57	UCART1	7.03
1,478	642502.53	4180525.57	UCART1	6.93
1,479	642527.53	4180525.57	UCART1	6.87
1,480	642552.53	4180525.57	UCART1	6.80
1,481	642577.53	4180525.57	UCART1	6.71
1,482	641852.53	4180550.57	UCART1	8.16
1,483	641877.53	4180550.57	UCART1	7.94
1,484	641902.53	4180550.57	UCART1	7.93
1,485	641927.53	4180550.57	UCART1	7.88
1,486	641952.53	4180550.57	UCART1	7.86
1,487	641977.53	4180550.57	UCART1	7.81
1,488	642002.53	4180550.57	UCART1	7.80
1,489	642027.53	4180550.57	UCART1	7.77
1,490	642052.53	4180550.57	UCART1	7.75
1,491	642077.53	4180550.57	UCART1	7.72
1,492	642102.53	4180550.57	UCART1	7.70
1,493	642127.53	4180550.57	UCART1	7.63
1,494	642152.53	4180550.57	UCART1	7.60
1,495	642177.53	4180550.57	UCART1	7.57
1,496	642202.53	4180550.57	UCART1	7.63
1,497	642227.53	4180550.57	UCART1	7.75
1,498	642252.53	4180550.57	UCART1	7.72
1,499	642277.53	4180550.57	UCART1	7.71
1,500	642302.53	4180550.57	UCART1	7.66
1,501	642327.53	4180550.57	UCART1	7.57
1,502	642352.53	4180550.57	UCART1	7.20
1,503	642377.53	4180550.57	UCART1	7.16
1,504	642402.53	4180550.57	UCART1	7.11
1,505	642427.53	4180550.57	UCART1	7.04
1,506	642452.53	4180550.57	UCART1	6.98
1,507	642477.53	4180550.57	UCART1	6.92
1,508	642502.53	4180550.57	UCART1	6.82
1,509	642527.53	4180550.57	UCART1	6.74
1,510	642552.53	4180550.57	UCART1	6.68
1,511	642577.53	4180550.57	UCART1	6.60
1,512	641852.53	4180575.57	UCART1	8.29

Receptor Pathway

AERMOD

1,513	641877.53	4180575.57	UCART1	7.86
1,514	641902.53	4180575.57	UCART1	7.85
1,515	641927.53	4180575.57	UCART1	7.80
1,516	641952.53	4180575.57	UCART1	7.78
1,517	641977.53	4180575.57	UCART1	7.73
1,518	642002.53	4180575.57	UCART1	7.70
1,519	642027.53	4180575.57	UCART1	7.66
1,520	642052.53	4180575.57	UCART1	7.64
1,521	642077.53	4180575.57	UCART1	7.59
1,522	642102.53	4180575.57	UCART1	7.63
1,523	642127.53	4180575.57	UCART1	7.68
1,524	642152.53	4180575.57	UCART1	7.67
1,525	642177.53	4180575.57	UCART1	7.72
1,526	642202.53	4180575.57	UCART1	7.65
1,527	642227.53	4180575.57	UCART1	7.64
1,528	642252.53	4180575.57	UCART1	7.57
1,529	642277.53	4180575.57	UCART1	7.51
1,530	642302.53	4180575.57	UCART1	7.43
1,531	642327.53	4180575.57	UCART1	7.31
1,532	642352.53	4180575.57	UCART1	7.14
1,533	642377.53	4180575.57	UCART1	7.02
1,534	642402.53	4180575.57	UCART1	6.98
1,535	642427.53	4180575.57	UCART1	6.93
1,536	642452.53	4180575.57	UCART1	6.86
1,537	642477.53	4180575.57	UCART1	6.79
1,538	642502.53	4180575.57	UCART1	6.73
1,539	642527.53	4180575.57	UCART1	6.63
1,540	642552.53	4180575.57	UCART1	6.55
1,541	642577.53	4180575.57	UCART1	6.48
1,542	641852.53	4180600.57	UCART1	8.00
1,543	641877.53	4180600.57	UCART1	7.80
1,544	641902.53	4180600.57	UCART1	7.74
1,545	641927.53	4180600.57	UCART1	7.70
1,546	641952.53	4180600.57	UCART1	7.66
1,547	641977.53	4180600.57	UCART1	7.63
1,548	642002.53	4180600.57	UCART1	7.62
1,549	642027.53	4180600.57	UCART1	7.49
1,550	642052.53	4180600.57	UCART1	7.62

Receptor Pathway

AERMOD

1,551	642077.53	4180600.57	UCART1	7.60
1,552	642102.53	4180600.57	UCART1	7.59
1,553	642127.53	4180600.57	UCART1	7.51
1,554	642152.53	4180600.57	UCART1	7.58
1,555	642177.53	4180600.57	UCART1	7.51
1,556	642202.53	4180600.57	UCART1	7.51
1,557	642227.53	4180600.57	UCART1	7.50
1,558	642252.53	4180600.57	UCART1	7.46
1,559	642277.53	4180600.57	UCART1	7.42
1,560	642302.53	4180600.57	UCART1	7.35
1,561	642327.53	4180600.57	UCART1	7.25
1,562	642352.53	4180600.57	UCART1	7.12
1,563	642377.53	4180600.57	UCART1	6.93
1,564	642402.53	4180600.57	UCART1	6.86
1,565	642427.53	4180600.57	UCART1	6.80
1,566	642452.53	4180600.57	UCART1	6.74
1,567	642477.53	4180600.57	UCART1	6.66
1,568	642502.53	4180600.57	UCART1	6.60
1,569	642527.53	4180600.57	UCART1	6.53
1,570	642552.53	4180600.57	UCART1	6.43
1,571	642577.53	4180600.57	UCART1	6.37
1,572	641852.53	4180625.57	UCART1	7.77
1,573	641877.53	4180625.57	UCART1	7.91
1,574	641902.53	4180625.57	UCART1	7.64
1,575	641927.53	4180625.57	UCART1	7.57
1,576	641952.53	4180625.57	UCART1	7.60
1,577	641977.53	4180625.57	UCART1	7.61
1,578	642002.53	4180625.57	UCART1	7.60
1,579	642027.53	4180625.57	UCART1	7.52
1,580	642052.53	4180625.57	UCART1	7.46
1,581	642077.53	4180625.57	UCART1	7.42
1,582	642102.53	4180625.57	UCART1	7.37
1,583	642127.53	4180625.57	UCART1	7.33
1,584	642152.53	4180625.57	UCART1	7.28
1,585	642177.53	4180625.57	UCART1	7.41
1,586	642202.53	4180625.57	UCART1	7.42
1,587	642227.53	4180625.57	UCART1	7.42
1,588	642252.53	4180625.57	UCART1	7.39

Receptor Pathway

AERMOD

1,589	642277.53	4180625.57	UCART1	7.32
1,590	642302.53	4180625.57	UCART1	7.26
1,591	642327.53	4180625.57	UCART1	7.16
1,592	642352.53	4180625.57	UCART1	7.04
1,593	642377.53	4180625.57	UCART1	6.92
1,594	642402.53	4180625.57	UCART1	6.72
1,595	642427.53	4180625.57	UCART1	6.66
1,596	642452.53	4180625.57	UCART1	6.61
1,597	642477.53	4180625.57	UCART1	6.55
1,598	642502.53	4180625.57	UCART1	6.47
1,599	642527.53	4180625.57	UCART1	6.39
1,600	642552.53	4180625.57	UCART1	6.31
1,601	642577.53	4180625.57	UCART1	6.25
1,602	641852.53	4180650.57	UCART1	8.10
1,603	641877.53	4180650.57	UCART1	7.96
1,604	641902.53	4180650.57	UCART1	7.67
1,605	641927.53	4180650.57	UCART1	7.50
1,606	641952.53	4180650.57	UCART1	7.46
1,607	641977.53	4180650.57	UCART1	7.42
1,608	642002.53	4180650.57	UCART1	7.38
1,609	642027.53	4180650.57	UCART1	7.35
1,610	642052.53	4180650.57	UCART1	7.31
1,611	642077.53	4180650.57	UCART1	7.30
1,612	642102.53	4180650.57	UCART1	7.26
1,613	642127.53	4180650.57	UCART1	7.21
1,614	642152.53	4180650.57	UCART1	7.24
1,615	642177.53	4180650.57	UCART1	7.32
1,616	642202.53	4180650.57	UCART1	7.33
1,617	642227.53	4180650.57	UCART1	7.35
1,618	642252.53	4180650.57	UCART1	7.30
1,619	642277.53	4180650.57	UCART1	7.23
1,620	642302.53	4180650.57	UCART1	7.16
1,621	642327.53	4180650.57	UCART1	7.06
1,622	642352.53	4180650.57	UCART1	6.95
1,623	642377.53	4180650.57	UCART1	6.84
1,624	642402.53	4180650.57	UCART1	6.71
1,625	642427.53	4180650.57	UCART1	6.52
1,626	642452.53	4180650.57	UCART1	6.47

Receptor Pathway

AERMOD

1,627	642477.53	4180650.57	UCART1	6.41
1,628	642502.53	4180650.57	UCART1	6.33
1,629	642527.53	4180650.57	UCART1	6.25
1,630	642552.53	4180650.57	UCART1	6.16
1,631	642577.53	4180650.57	UCART1	6.11
1,632	641852.53	4180675.57	UCART1	7.27
1,633	641877.53	4180675.57	UCART1	7.32
1,634	641902.53	4180675.57	UCART1	7.08
1,635	641927.53	4180675.57	UCART1	7.35
1,636	641952.53	4180675.57	UCART1	7.32
1,637	641977.53	4180675.57	UCART1	7.30
1,638	642002.53	4180675.57	UCART1	7.28
1,639	642027.53	4180675.57	UCART1	7.27
1,640	642052.53	4180675.57	UCART1	7.23
1,641	642077.53	4180675.57	UCART1	7.20
1,642	642102.53	4180675.57	UCART1	7.17
1,643	642127.53	4180675.57	UCART1	7.14
1,644	642152.53	4180675.57	UCART1	7.13
1,645	642177.53	4180675.57	UCART1	7.04
1,646	642202.53	4180675.57	UCART1	7.24
1,647	642227.53	4180675.57	UCART1	7.26
1,648	642252.53	4180675.57	UCART1	7.21
1,649	642277.53	4180675.57	UCART1	7.12
1,650	642302.53	4180675.57	UCART1	7.04
1,651	642327.53	4180675.57	UCART1	6.95
1,652	642352.53	4180675.57	UCART1	6.85
1,653	642377.53	4180675.57	UCART1	6.74
1,654	642402.53	4180675.57	UCART1	6.63
1,655	642427.53	4180675.57	UCART1	6.48
1,656	642452.53	4180675.57	UCART1	6.33
1,657	642477.53	4180675.57	UCART1	6.27
1,658	642502.53	4180675.57	UCART1	6.21
1,659	642527.53	4180675.57	UCART1	6.13
1,660	642552.53	4180675.57	UCART1	6.06
1,661	642577.53	4180675.57	UCART1	5.98
1,662	641852.53	4180700.57	UCART1	7.16
1,663	641877.53	4180700.57	UCART1	7.13
1,664	641902.53	4180700.57	UCART1	7.38

Receptor Pathway

AERMOD

1,665	641927.53	4180700.57	UCART1	7.24
1,666	641952.53	4180700.57	UCART1	7.20
1,667	641977.53	4180700.57	UCART1	7.20
1,668	642002.53	4180700.57	UCART1	7.17
1,669	642027.53	4180700.57	UCART1	7.16
1,670	642052.53	4180700.57	UCART1	7.15
1,671	642077.53	4180700.57	UCART1	7.12
1,672	642102.53	4180700.57	UCART1	7.10
1,673	642127.53	4180700.57	UCART1	7.05
1,674	642152.53	4180700.57	UCART1	7.05
1,675	642177.53	4180700.57	UCART1	7.06
1,676	642202.53	4180700.57	UCART1	7.14
1,677	642227.53	4180700.57	UCART1	7.14
1,678	642252.53	4180700.57	UCART1	7.10
1,679	642277.53	4180700.57	UCART1	7.01
1,680	642302.53	4180700.57	UCART1	6.93
1,681	642327.53	4180700.57	UCART1	6.84
1,682	642352.53	4180700.57	UCART1	6.74
1,683	642377.53	4180700.57	UCART1	6.64
1,684	642402.53	4180700.57	UCART1	6.52
1,685	642427.53	4180700.57	UCART1	6.41
1,686	642452.53	4180700.57	UCART1	6.25
1,687	642477.53	4180700.57	UCART1	6.14
1,688	642502.53	4180700.57	UCART1	6.06
1,689	642527.53	4180700.57	UCART1	6.00
1,690	642552.53	4180700.57	UCART1	5.92
1,691	642577.53	4180700.57	UCART1	5.87
1,692	641852.53	4180725.57	UCART1	7.07
1,693	641877.53	4180725.57	UCART1	7.06
1,694	641902.53	4180725.57	UCART1	7.54
1,695	641927.53	4180725.57	UCART1	6.99
1,696	641952.53	4180725.57	UCART1	7.11
1,697	641977.53	4180725.57	UCART1	7.10
1,698	642002.53	4180725.57	UCART1	7.07
1,699	642027.53	4180725.57	UCART1	7.04
1,700	642052.53	4180725.57	UCART1	7.05
1,701	642077.53	4180725.57	UCART1	7.04
1,702	642102.53	4180725.57	UCART1	7.01

Receptor Pathway

AERMOD

1,703	642127.53	4180725.57	UCART1	6.97
1,704	642152.53	4180725.57	UCART1	6.95
1,705	642177.53	4180725.57	UCART1	6.99
1,706	642202.53	4180725.57	UCART1	6.99
1,707	642227.53	4180725.57	UCART1	7.00
1,708	642252.53	4180725.57	UCART1	6.97
1,709	642277.53	4180725.57	UCART1	6.89
1,710	642302.53	4180725.57	UCART1	6.80
1,711	642327.53	4180725.57	UCART1	6.72
1,712	642352.53	4180725.57	UCART1	6.63
1,713	642377.53	4180725.57	UCART1	6.54
1,714	642402.53	4180725.57	UCART1	6.43
1,715	642427.53	4180725.57	UCART1	6.31
1,716	642452.53	4180725.57	UCART1	6.19
1,717	642477.53	4180725.57	UCART1	6.07
1,718	642502.53	4180725.57	UCART1	5.93
1,719	642527.53	4180725.57	UCART1	5.85
1,720	642552.53	4180725.57	UCART1	5.80
1,721	642577.53	4180725.57	UCART1	5.74
1,722	641852.53	4180750.57	UCART1	6.97
1,723	641877.53	4180750.57	UCART1	7.00
1,724	641902.53	4180750.57	UCART1	7.28
1,725	641927.53	4180750.57	UCART1	7.37
1,726	641952.53	4180750.57	UCART1	7.03
1,727	641977.53	4180750.57	UCART1	7.00
1,728	642002.53	4180750.57	UCART1	6.97
1,729	642027.53	4180750.57	UCART1	6.94
1,730	642052.53	4180750.57	UCART1	6.94
1,731	642077.53	4180750.57	UCART1	6.93
1,732	642102.53	4180750.57	UCART1	6.93
1,733	642127.53	4180750.57	UCART1	6.90
1,734	642152.53	4180750.57	UCART1	6.88
1,735	642177.53	4180750.57	UCART1	6.86
1,736	642202.53	4180750.57	UCART1	6.82
1,737	642227.53	4180750.57	UCART1	6.84
1,738	642252.53	4180750.57	UCART1	6.82
1,739	642277.53	4180750.57	UCART1	6.75
1,740	642302.53	4180750.57	UCART1	6.69

Receptor Pathway

AERMOD

1,741	642327.53	4180750.57	UCART1	6.60
1,742	642352.53	4180750.57	UCART1	6.53
1,743	642377.53	4180750.57	UCART1	6.43
1,744	642402.53	4180750.57	UCART1	6.33
1,745	642427.53	4180750.57	UCART1	6.22
1,746	642452.53	4180750.57	UCART1	6.08
1,747	642477.53	4180750.57	UCART1	5.97
1,748	642502.53	4180750.57	UCART1	5.85
1,749	642527.53	4180750.57	UCART1	5.75
1,750	642552.53	4180750.57	UCART1	5.67
1,751	642577.53	4180750.57	UCART1	5.62
1,752	641852.53	4180775.57	UCART1	6.84
1,753	641877.53	4180775.57	UCART1	6.87
1,754	641902.53	4180775.57	UCART1	6.86
1,755	641927.53	4180775.57	UCART1	8.91
1,756	641952.53	4180775.57	UCART1	6.89
1,757	641977.53	4180775.57	UCART1	6.89
1,758	642002.53	4180775.57	UCART1	6.87
1,759	642027.53	4180775.57	UCART1	6.87
1,760	642052.53	4180775.57	UCART1	6.83
1,761	642077.53	4180775.57	UCART1	6.83
1,762	642102.53	4180775.57	UCART1	6.82
1,763	642127.53	4180775.57	UCART1	6.83
1,764	642152.53	4180775.57	UCART1	6.79
1,765	642177.53	4180775.57	UCART1	6.74
1,766	642202.53	4180775.57	UCART1	6.73
1,767	642227.53	4180775.57	UCART1	6.70
1,768	642252.53	4180775.57	UCART1	6.67
1,769	642277.53	4180775.57	UCART1	6.61
1,770	642302.53	4180775.57	UCART1	6.57
1,771	642327.53	4180775.57	UCART1	6.48
1,772	642352.53	4180775.57	UCART1	6.41
1,773	642377.53	4180775.57	UCART1	6.34
1,774	642402.53	4180775.57	UCART1	6.24
1,775	642427.53	4180775.57	UCART1	6.13
1,776	642452.53	4180775.57	UCART1	6.00
1,777	642477.53	4180775.57	UCART1	5.87
1,778	642502.53	4180775.57	UCART1	5.75

Receptor Pathway

AERMOD

1,779	642527.53	4180775.57	UCART1	5.68
1,780	642552.53	4180775.57	UCART1	5.57
1,781	642577.53	4180775.57	UCART1	5.51
1,782	641852.53	4180800.57	UCART1	6.71
1,783	641877.53	4180800.57	UCART1	6.74
1,784	641902.53	4180800.57	UCART1	6.73
1,785	641927.53	4180800.57	UCART1	9.57
1,786	641952.53	4180800.57	UCART1	6.60
1,787	641977.53	4180800.57	UCART1	6.79
1,788	642002.53	4180800.57	UCART1	6.77
1,789	642027.53	4180800.57	UCART1	6.76
1,790	642052.53	4180800.57	UCART1	6.75
1,791	642077.53	4180800.57	UCART1	6.74
1,792	642102.53	4180800.57	UCART1	6.72
1,793	642127.53	4180800.57	UCART1	6.72
1,794	642152.53	4180800.57	UCART1	6.70
1,795	642177.53	4180800.57	UCART1	6.64
1,796	642202.53	4180800.57	UCART1	6.62
1,797	642227.53	4180800.57	UCART1	6.57
1,798	642252.53	4180800.57	UCART1	6.52
1,799	642277.53	4180800.57	UCART1	6.47
1,800	642302.53	4180800.57	UCART1	6.43
1,801	642327.53	4180800.57	UCART1	6.37
1,802	642352.53	4180800.57	UCART1	6.29
1,803	642377.53	4180800.57	UCART1	6.23
1,804	642402.53	4180800.57	UCART1	6.13
1,805	642427.53	4180800.57	UCART1	6.04
1,806	642452.53	4180800.57	UCART1	5.91
1,807	642477.53	4180800.57	UCART1	5.78
1,808	642502.53	4180800.57	UCART1	5.64
1,809	642527.53	4180800.57	UCART1	5.55
1,810	642552.53	4180800.57	UCART1	5.51
1,811	642577.53	4180800.57	UCART1	5.42
1,812	641852.53	4180825.57	UCART1	6.58
1,813	641877.53	4180825.57	UCART1	6.61
1,814	641902.53	4180825.57	UCART1	6.62
1,815	641927.53	4180825.57	UCART1	8.35
1,816	641952.53	4180825.57	UCART1	8.78

Receptor Pathway

AERMOD

1,817	641977.53	4180825.57	UCART1	6.73
1,818	642002.53	4180825.57	UCART1	6.65
1,819	642027.53	4180825.57	UCART1	6.66
1,820	642052.53	4180825.57	UCART1	6.66
1,821	642077.53	4180825.57	UCART1	6.65
1,822	642102.53	4180825.57	UCART1	6.61
1,823	642127.53	4180825.57	UCART1	6.60
1,824	642152.53	4180825.57	UCART1	6.58
1,825	642177.53	4180825.57	UCART1	6.54
1,826	642202.53	4180825.57	UCART1	6.51
1,827	642227.53	4180825.57	UCART1	6.49
1,828	642252.53	4180825.57	UCART1	6.37
1,829	642277.53	4180825.57	UCART1	6.33
1,830	642302.53	4180825.57	UCART1	6.27
1,831	642327.53	4180825.57	UCART1	6.23
1,832	642352.53	4180825.57	UCART1	6.16
1,833	642377.53	4180825.57	UCART1	6.09
1,834	642402.53	4180825.57	UCART1	6.01
1,835	642427.53	4180825.57	UCART1	5.93
1,836	642452.53	4180825.57	UCART1	5.82
1,837	642477.53	4180825.57	UCART1	5.68
1,838	642502.53	4180825.57	UCART1	5.55
1,839	642527.53	4180825.57	UCART1	5.39
1,840	642552.53	4180825.57	UCART1	5.29
1,841	642577.53	4180825.57	UCART1	5.39
1,842	641852.53	4180850.57	UCART1	6.46
1,843	641877.53	4180850.57	UCART1	6.48
1,844	641902.53	4180850.57	UCART1	6.49
1,845	641927.53	4180850.57	UCART1	6.85
1,846	641952.53	4180850.57	UCART1	12.30
1,847	641977.53	4180850.57	UCART1	6.24
1,848	642002.53	4180850.57	UCART1	6.57
1,849	642027.53	4180850.57	UCART1	6.56
1,850	642052.53	4180850.57	UCART1	6.57
1,851	642077.53	4180850.57	UCART1	6.55
1,852	642102.53	4180850.57	UCART1	6.52
1,853	642127.53	4180850.57	UCART1	6.46
1,854	642152.53	4180850.57	UCART1	6.45

Receptor Pathway

AERMOD

1,855	642177.53	4180850.57	UCART1	6.44
1,856	642202.53	4180850.57	UCART1	6.42
1,857	642227.53	4180850.57	UCART1	6.43
1,858	642252.53	4180850.57	UCART1	6.27
1,859	642277.53	4180850.57	UCART1	6.19
1,860	642302.53	4180850.57	UCART1	6.13
1,861	642327.53	4180850.57	UCART1	6.07
1,862	642352.53	4180850.57	UCART1	6.02
1,863	642377.53	4180850.57	UCART1	5.95
1,864	642402.53	4180850.57	UCART1	5.85
1,865	642427.53	4180850.57	UCART1	5.77
1,866	642452.53	4180850.57	UCART1	5.66
1,867	642477.53	4180850.57	UCART1	5.51
1,868	642502.53	4180850.57	UCART1	5.43
1,869	642527.53	4180850.57	UCART1	5.43
1,870	642552.53	4180850.57	UCART1	5.43
1,871	642577.53	4180850.57	UCART1	5.37
1,872	641852.53	4180875.57	UCART1	6.34
1,873	641877.53	4180875.57	UCART1	6.35
1,874	641902.53	4180875.57	UCART1	6.38
1,875	641927.53	4180875.57	UCART1	6.40
1,876	641952.53	4180875.57	UCART1	13.02
1,877	641977.53	4180875.57	UCART1	7.24
1,878	642002.53	4180875.57	UCART1	6.47
1,879	642027.53	4180875.57	UCART1	6.47
1,880	642052.53	4180875.57	UCART1	6.47
1,881	642077.53	4180875.57	UCART1	6.46
1,882	642102.53	4180875.57	UCART1	6.44
1,883	642127.53	4180875.57	UCART1	6.37
1,884	642152.53	4180875.57	UCART1	6.33
1,885	642177.53	4180875.57	UCART1	6.32
1,886	642202.53	4180875.57	UCART1	6.31
1,887	642227.53	4180875.57	UCART1	6.34
1,888	642252.53	4180875.57	UCART1	6.22
1,889	642277.53	4180875.57	UCART1	6.10
1,890	642302.53	4180875.57	UCART1	6.02
1,891	642327.53	4180875.57	UCART1	5.94
1,892	642352.53	4180875.57	UCART1	5.87

Receptor Pathway

AERMOD

1,893	642377.53	4180875.57	UCART1	5.79
1,894	642402.53	4180875.57	UCART1	5.69
1,895	642427.53	4180875.57	UCART1	5.72
1,896	642452.53	4180875.57	UCART1	5.92
1,897	642477.53	4180875.57	UCART1	6.09
1,898	642502.53	4180875.57	UCART1	5.67
1,899	642527.53	4180875.57	UCART1	5.49
1,900	642552.53	4180875.57	UCART1	5.25
1,901	642577.53	4180875.57	UCART1	4.90
1,902	641852.53	4180900.57	UCART1	6.20
1,903	641877.53	4180900.57	UCART1	6.21
1,904	641902.53	4180900.57	UCART1	6.23
1,905	641927.53	4180900.57	UCART1	6.33
1,906	641952.53	4180900.57	UCART1	10.12
1,907	641977.53	4180900.57	UCART1	10.81
1,908	642002.53	4180900.57	UCART1	6.16
1,909	642027.53	4180900.57	UCART1	6.25
1,910	642052.53	4180900.57	UCART1	6.30
1,911	642077.53	4180900.57	UCART1	6.31
1,912	642102.53	4180900.57	UCART1	6.30
1,913	642127.53	4180900.57	UCART1	6.26
1,914	642152.53	4180900.57	UCART1	6.22
1,915	642177.53	4180900.57	UCART1	6.19
1,916	642202.53	4180900.57	UCART1	6.19
1,917	642227.53	4180900.57	UCART1	6.21
1,918	642252.53	4180900.57	UCART1	6.24
1,919	642277.53	4180900.57	UCART1	6.04
1,920	642302.53	4180900.57	UCART1	5.98
1,921	642327.53	4180900.57	UCART1	6.25
1,922	642352.53	4180900.57	UCART1	6.04
1,923	642377.53	4180900.57	UCART1	5.94
1,924	642402.53	4180900.57	UCART1	6.02
1,925	642427.53	4180900.57	UCART1	5.75
1,926	642452.53	4180900.57	UCART1	5.73
1,927	642477.53	4180900.57	UCART1	6.49
1,928	642502.53	4180900.57	UCART1	5.44
1,929	642527.53	4180900.57	UCART1	5.17
1,930	642552.53	4180900.57	UCART1	5.15

Receptor Pathway

AERMOD

1,931

642577.53

4180900.57

UCART1

4.84

Plant Boundary Receptors

Cartesian Plant Boundary

Primary

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643056.95	4179847.93	FENCEPRI	8.07	
2	643249.62	4179856.27	FENCEPRI	7.72	
3	643244.70	4179977.45	FENCEPRI	7.48	
4	643320.11	4179981.67	FENCEPRI	7.10	
5	643317.62	4180052.81	FENCEPRI	6.83	
6	643048.31	4180042.53	FENCEPRI	7.22	
7	641885.60	4179786.01	FENCEPRI	10.30	
8	642293.74	4179806.10	FENCEPRI	10.41	
9	642276.59	4180549.65	FENCEPRI	7.71	
10	642315.67	4180538.68	FENCEPRI	7.78	
11	642576.93	4180840.52	FENCEPRI	5.31	
12	642354.28	4180895.71	FENCEPRI	5.94	
13	642316.66	4180890.84	FENCEPRI	6.07	
14	642115.77	4180723.80	FENCEPRI	7.00	
15	642045.99	4180714.36	FENCEPRI	7.10	
16	641925.03	4180741.35	FENCEPRI	7.28	
17	641868.47	4180574.39	FENCEPRI	8.00	

Intermediate

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643061.89	4179848.14	FENCEINT	7.88	
2	643066.83	4179848.36	FENCEINT	7.82	
3	643071.77	4179848.57	FENCEINT	7.83	
4	643076.71	4179848.79	FENCEINT	7.80	
5	643081.65	4179849.00	FENCEINT	7.76	
6	643086.59	4179849.21	FENCEINT	7.74	
7	643091.53	4179849.43	FENCEINT	7.72	
8	643096.47	4179849.64	FENCEINT	7.71	
9	643101.41	4179849.85	FENCEINT	7.70	
10	643106.35	4179850.07	FENCEINT	7.70	
11	643111.29	4179850.28	FENCEINT	7.73	
12	643116.23	4179850.50	FENCEINT	7.74	
13	643121.17	4179850.71	FENCEINT	7.75	
14	643126.11	4179850.92	FENCEINT	7.75	

Receptor Pathway

AERMOD

15	643131.05	4179851.14	FENCEINT	7.75	
16	643135.99	4179851.35	FENCEINT	7.76	
17	643140.93	4179851.57	FENCEINT	7.75	
18	643145.87	4179851.78	FENCEINT	7.74	
19	643150.81	4179851.99	FENCEINT	7.77	
20	643155.76	4179852.21	FENCEINT	7.81	
21	643160.70	4179852.42	FENCEINT	7.85	
22	643165.64	4179852.63	FENCEINT	7.87	
23	643170.58	4179852.85	FENCEINT	7.88	
24	643175.52	4179853.06	FENCEINT	7.87	
25	643180.46	4179853.28	FENCEINT	7.87	
26	643185.40	4179853.49	FENCEINT	7.88	
27	643190.34	4179853.70	FENCEINT	7.87	
28	643195.28	4179853.92	FENCEINT	7.87	
29	643200.22	4179854.13	FENCEINT	7.86	
30	643205.16	4179854.35	FENCEINT	7.86	
31	643210.10	4179854.56	FENCEINT	7.86	
32	643215.04	4179854.77	FENCEINT	7.85	
33	643219.98	4179854.99	FENCEINT	7.83	
34	643224.92	4179855.20	FENCEINT	7.82	
35	643229.86	4179855.41	FENCEINT	7.80	
36	643234.80	4179855.63	FENCEINT	7.79	
37	643239.74	4179855.84	FENCEINT	7.77	
38	643244.68	4179856.06	FENCEINT	7.74	
39	643249.42	4179861.12	FENCEINT	7.68	
40	643249.23	4179865.96	FENCEINT	7.67	
41	643249.03	4179870.81	FENCEINT	7.66	
42	643248.83	4179875.66	FENCEINT	7.65	
43	643248.64	4179880.51	FENCEINT	7.64	
44	643248.44	4179885.35	FENCEINT	7.63	
45	643248.24	4179890.20	FENCEINT	7.63	
46	643248.05	4179895.05	FENCEINT	7.63	
47	643247.85	4179899.89	FENCEINT	7.63	
48	643247.65	4179904.74	FENCEINT	7.64	
49	643247.46	4179909.59	FENCEINT	7.64	
50	643247.26	4179914.44	FENCEINT	7.66	
51	643247.06	4179919.28	FENCEINT	7.69	
52	643246.86	4179924.13	FENCEINT	7.71	
53	643246.67	4179928.98	FENCEINT	7.67	
54	643246.47	4179933.83	FENCEINT	7.64	
55	643246.27	4179938.67	FENCEINT	7.62	

Receptor Pathway

AERMOD

56	643246.08	4179943.52	FENCEINT	7.59	
57	643245.88	4179948.37	FENCEINT	7.56	
58	643245.68	4179953.21	FENCEINT	7.53	
59	643245.49	4179958.06	FENCEINT	7.50	
60	643245.29	4179962.91	FENCEINT	7.48	
61	643245.09	4179967.76	FENCEINT	7.48	
62	643244.90	4179972.60	FENCEINT	7.48	
63	643249.41	4179977.71	FENCEINT	7.48	
64	643254.13	4179977.98	FENCEINT	7.45	
65	643258.84	4179978.24	FENCEINT	7.42	
66	643263.55	4179978.51	FENCEINT	7.37	
67	643268.27	4179978.77	FENCEINT	7.32	
68	643272.98	4179979.03	FENCEINT	7.28	
69	643277.69	4179979.30	FENCEINT	7.23	
70	643282.41	4179979.56	FENCEINT	7.19	
71	643287.12	4179979.82	FENCEINT	7.15	
72	643291.83	4179980.09	FENCEINT	7.11	
73	643296.54	4179980.35	FENCEINT	7.08	
74	643301.26	4179980.62	FENCEINT	7.07	
75	643305.97	4179980.88	FENCEINT	7.07	
76	643310.68	4179981.14	FENCEINT	7.07	
77	643315.40	4179981.41	FENCEINT	7.08	
78	643319.94	4179986.41	FENCEINT	7.15	
79	643319.78	4179991.16	FENCEINT	7.11	
80	643319.61	4179995.90	FENCEINT	7.07	
81	643319.45	4180000.64	FENCEINT	7.04	
82	643319.28	4180005.38	FENCEINT	7.01	
83	643319.11	4180010.13	FENCEINT	6.98	
84	643318.95	4180014.87	FENCEINT	6.96	
85	643318.78	4180019.61	FENCEINT	6.94	
86	643318.62	4180024.35	FENCEINT	6.93	
87	643318.45	4180029.10	FENCEINT	6.92	
88	643318.28	4180033.84	FENCEINT	6.92	
89	643318.12	4180038.58	FENCEINT	6.91	
90	643317.95	4180043.32	FENCEINT	6.88	
91	643317.79	4180048.07	FENCEINT	6.84	
92	643312.63	4180052.62	FENCEINT	6.84	
93	643307.65	4180052.43	FENCEINT	6.88	
94	643302.66	4180052.24	FENCEINT	6.93	
95	643297.67	4180052.05	FENCEINT	6.97	
96	643292.68	4180051.86	FENCEINT	7.02	

Receptor Pathway

AERMOD

97	643287.70	4180051.67	FENCEINT	7.07	
98	643282.71	4180051.48	FENCEINT	7.13	
99	643277.72	4180051.29	FENCEINT	7.17	
100	643272.74	4180051.10	FENCEINT	7.21	
101	643267.75	4180050.91	FENCEINT	7.19	
102	643262.76	4180050.72	FENCEINT	7.16	
103	643257.77	4180050.53	FENCEINT	7.07	
104	643252.79	4180050.34	FENCEINT	7.04	
105	643247.80	4180050.14	FENCEINT	7.02	
106	643242.81	4180049.95	FENCEINT	7.02	
107	643237.82	4180049.76	FENCEINT	7.04	
108	643232.84	4180049.57	FENCEINT	7.10	
109	643227.85	4180049.38	FENCEINT	7.16	
110	643222.86	4180049.19	FENCEINT	7.23	
111	643217.88	4180049.00	FENCEINT	7.25	
112	643212.89	4180048.81	FENCEINT	7.27	
113	643207.90	4180048.62	FENCEINT	7.28	
114	643202.91	4180048.43	FENCEINT	7.29	
115	643197.93	4180048.24	FENCEINT	7.30	
116	643192.94	4180048.05	FENCEINT	7.29	
117	643187.95	4180047.86	FENCEINT	7.29	
118	643182.97	4180047.67	FENCEINT	7.28	
119	643177.98	4180047.48	FENCEINT	7.28	
120	643172.99	4180047.29	FENCEINT	7.28	
121	643168.00	4180047.10	FENCEINT	7.27	
122	643163.02	4180046.91	FENCEINT	7.26	
123	643158.03	4180046.72	FENCEINT	7.24	
124	643153.04	4180046.53	FENCEINT	7.22	
125	643148.05	4180046.34	FENCEINT	7.19	
126	643143.07	4180046.15	FENCEINT	7.17	
127	643138.08	4180045.96	FENCEINT	7.14	
128	643133.09	4180045.77	FENCEINT	7.11	
129	643128.11	4180045.58	FENCEINT	7.10	
130	643123.12	4180045.39	FENCEINT	7.09	
131	643118.13	4180045.20	FENCEINT	7.10	
132	643113.14	4180045.00	FENCEINT	7.11	
133	643108.16	4180044.81	FENCEINT	7.11	
134	643103.17	4180044.62	FENCEINT	7.13	
135	643098.18	4180044.43	FENCEINT	7.14	
136	643093.20	4180044.24	FENCEINT	7.15	
137	643088.21	4180044.05	FENCEINT	7.15	

Receptor Pathway

AERMOD

138	643083.22	4180043.86	FENCEINT	7.15	
139	643078.23	4180043.67	FENCEINT	7.16	
140	643073.25	4180043.48	FENCEINT	7.16	
141	643068.26	4180043.29	FENCEINT	7.16	
142	643063.27	4180043.10	FENCEINT	7.16	
143	643058.28	4180042.91	FENCEINT	7.17	
144	643053.30	4180042.72	FENCEINT	7.19	
145	643048.53	4180037.54	FENCEINT	7.23	
146	643048.75	4180032.55	FENCEINT	7.23	
147	643048.97	4180027.56	FENCEINT	7.20	
148	643049.20	4180022.57	FENCEINT	7.17	
149	643049.42	4180017.58	FENCEINT	7.17	
150	643049.64	4180012.59	FENCEINT	7.16	
151	643049.86	4180007.60	FENCEINT	7.17	
152	643050.08	4180002.61	FENCEINT	7.17	
153	643050.30	4179997.62	FENCEINT	7.19	
154	643050.53	4179992.63	FENCEINT	7.21	
155	643050.75	4179987.64	FENCEINT	7.21	
156	643050.97	4179982.65	FENCEINT	7.21	
157	643051.19	4179977.66	FENCEINT	7.23	
158	643051.41	4179972.67	FENCEINT	7.26	
159	643051.63	4179967.68	FENCEINT	7.31	
160	643051.85	4179962.69	FENCEINT	7.37	
161	643052.08	4179957.70	FENCEINT	7.48	
162	643052.30	4179952.71	FENCEINT	7.61	
163	643052.52	4179947.72	FENCEINT	7.67	
164	643052.74	4179942.74	FENCEINT	7.70	
165	643052.96	4179937.75	FENCEINT	7.73	
166	643053.18	4179932.76	FENCEINT	7.75	
167	643053.41	4179927.77	FENCEINT	7.77	
168	643053.63	4179922.78	FENCEINT	7.80	
169	643053.85	4179917.79	FENCEINT	7.83	
170	643054.07	4179912.80	FENCEINT	7.87	
171	643054.29	4179907.81	FENCEINT	7.90	
172	643054.51	4179902.82	FENCEINT	7.92	
173	643054.73	4179897.83	FENCEINT	7.94	
174	643054.96	4179892.84	FENCEINT	7.96	
175	643055.18	4179887.85	FENCEINT	7.97	
176	643055.40	4179882.86	FENCEINT	7.96	
177	643055.62	4179877.87	FENCEINT	7.95	
178	643055.84	4179872.88	FENCEINT	7.94	

Receptor Pathway

AERMOD

179	643056.06	4179867.89	FENCEINT	7.95	
180	643056.29	4179862.90	FENCEINT	7.98	
181	643056.51	4179857.91	FENCEINT	8.01	
182	643056.73	4179852.92	FENCEINT	8.03	
183	641890.58	4179786.26	FENCEINT	10.31	
184	641895.55	4179786.50	FENCEINT	10.32	
185	641900.53	4179786.75	FENCEINT	10.34	
186	641905.51	4179786.99	FENCEINT	10.37	
187	641910.49	4179787.24	FENCEINT	10.38	
188	641915.46	4179787.48	FENCEINT	10.39	
189	641920.44	4179787.73	FENCEINT	10.41	
190	641925.42	4179787.97	FENCEINT	10.42	
191	641930.40	4179788.22	FENCEINT	10.44	
192	641935.37	4179788.46	FENCEINT	10.44	
193	641940.35	4179788.71	FENCEINT	10.44	
194	641945.33	4179788.95	FENCEINT	10.43	
195	641950.31	4179789.20	FENCEINT	10.44	
196	641955.28	4179789.44	FENCEINT	10.45	
197	641960.26	4179789.69	FENCEINT	10.48	
198	641965.24	4179789.93	FENCEINT	10.51	
199	641970.21	4179790.18	FENCEINT	10.53	
200	641975.19	4179790.42	FENCEINT	10.55	
201	641980.17	4179790.67	FENCEINT	10.56	
202	641985.15	4179790.91	FENCEINT	10.56	
203	641990.12	4179791.16	FENCEINT	10.56	
204	641995.10	4179791.40	FENCEINT	10.56	
205	642000.08	4179791.65	FENCEINT	10.57	
206	642005.06	4179791.89	FENCEINT	10.58	
207	642010.03	4179792.14	FENCEINT	10.59	
208	642015.01	4179792.38	FENCEINT	10.61	
209	642019.99	4179792.63	FENCEINT	10.63	
210	642024.96	4179792.87	FENCEINT	10.61	
211	642029.94	4179793.12	FENCEINT	10.59	
212	642034.92	4179793.36	FENCEINT	10.57	
213	642039.90	4179793.61	FENCEINT	10.56	
214	642044.87	4179793.85	FENCEINT	10.56	
215	642049.85	4179794.10	FENCEINT	10.56	
216	642054.83	4179794.34	FENCEINT	10.56	
217	642059.81	4179794.59	FENCEINT	10.56	
218	642064.78	4179794.83	FENCEINT	10.56	
219	642069.76	4179795.08	FENCEINT	10.56	

Receptor Pathway

AERMOD

220	642074.74	4179795.32	FENCEINT	10.55	
221	642079.72	4179795.57	FENCEINT	10.55	
222	642084.69	4179795.81	FENCEINT	10.53	
223	642089.67	4179796.06	FENCEINT	10.51	
224	642094.65	4179796.30	FENCEINT	10.49	
225	642099.62	4179796.55	FENCEINT	10.47	
226	642104.60	4179796.79	FENCEINT	10.45	
227	642109.58	4179797.04	FENCEINT	10.43	
228	642114.56	4179797.28	FENCEINT	10.41	
229	642119.53	4179797.53	FENCEINT	10.40	
230	642124.51	4179797.77	FENCEINT	10.37	
231	642129.49	4179798.02	FENCEINT	10.34	
232	642134.47	4179798.26	FENCEINT	10.32	
233	642139.44	4179798.51	FENCEINT	10.30	
234	642144.42	4179798.75	FENCEINT	10.29	
235	642149.40	4179799.00	FENCEINT	10.29	
236	642154.38	4179799.24	FENCEINT	10.30	
237	642159.35	4179799.49	FENCEINT	10.32	
238	642164.33	4179799.73	FENCEINT	10.34	
239	642169.31	4179799.98	FENCEINT	10.36	
240	642174.28	4179800.22	FENCEINT	10.38	
241	642179.26	4179800.47	FENCEINT	10.39	
242	642184.24	4179800.71	FENCEINT	10.40	
243	642189.22	4179800.96	FENCEINT	10.41	
244	642194.19	4179801.20	FENCEINT	10.41	
245	642199.17	4179801.45	FENCEINT	10.41	
246	642204.15	4179801.69	FENCEINT	10.41	
247	642209.13	4179801.94	FENCEINT	10.41	
248	642214.10	4179802.18	FENCEINT	10.41	
249	642219.08	4179802.43	FENCEINT	10.41	
250	642224.06	4179802.67	FENCEINT	10.41	
251	642229.03	4179802.92	FENCEINT	10.40	
252	642234.01	4179803.16	FENCEINT	10.39	
253	642238.99	4179803.41	FENCEINT	10.38	
254	642243.97	4179803.65	FENCEINT	10.38	
255	642248.94	4179803.90	FENCEINT	10.38	
256	642253.92	4179804.14	FENCEINT	10.38	
257	642258.90	4179804.39	FENCEINT	10.37	
258	642263.88	4179804.63	FENCEINT	10.36	
259	642268.85	4179804.88	FENCEINT	10.37	
260	642273.83	4179805.12	FENCEINT	10.37	

Receptor Pathway

AERMOD

261	642278.81	4179805.37	FENCEINT	10.39	
262	642283.79	4179805.61	FENCEINT	10.41	
263	642288.76	4179805.86	FENCEINT	10.43	
264	642293.62	4179811.09	FENCEINT	10.26	
265	642293.51	4179816.08	FENCEINT	10.13	
266	642293.39	4179821.07	FENCEINT	10.03	
267	642293.28	4179826.06	FENCEINT	9.95	
268	642293.16	4179831.05	FENCEINT	9.88	
269	642293.05	4179836.04	FENCEINT	9.82	
270	642292.93	4179841.03	FENCEINT	9.80	
271	642292.82	4179846.02	FENCEINT	9.77	
272	642292.70	4179851.01	FENCEINT	9.76	
273	642292.59	4179856.00	FENCEINT	9.76	
274	642292.47	4179860.99	FENCEINT	9.79	
275	642292.36	4179865.98	FENCEINT	9.82	
276	642292.24	4179870.97	FENCEINT	9.84	
277	642292.13	4179875.96	FENCEINT	9.85	
278	642292.01	4179880.95	FENCEINT	9.81	
279	642291.90	4179885.94	FENCEINT	9.77	
280	642291.78	4179890.93	FENCEINT	9.75	
281	642291.67	4179895.92	FENCEINT	9.73	
282	642291.55	4179900.92	FENCEINT	9.71	
283	642291.44	4179905.91	FENCEINT	9.68	
284	642291.32	4179910.90	FENCEINT	9.67	
285	642291.21	4179915.89	FENCEINT	9.65	
286	642291.09	4179920.88	FENCEINT	9.63	
287	642290.98	4179925.87	FENCEINT	9.61	
288	642290.86	4179930.86	FENCEINT	9.59	
289	642290.75	4179935.85	FENCEINT	9.57	
290	642290.63	4179940.84	FENCEINT	9.55	
291	642290.52	4179945.83	FENCEINT	9.52	
292	642290.40	4179950.82	FENCEINT	9.51	
293	642290.29	4179955.81	FENCEINT	9.49	
294	642290.17	4179960.80	FENCEINT	9.47	
295	642290.06	4179965.79	FENCEINT	9.46	
296	642289.94	4179970.78	FENCEINT	9.44	
297	642289.83	4179975.77	FENCEINT	9.41	
298	642289.71	4179980.76	FENCEINT	9.39	
299	642289.60	4179985.75	FENCEINT	9.38	
300	642289.48	4179990.74	FENCEINT	9.36	
301	642289.37	4179995.73	FENCEINT	9.34	

Receptor Pathway

AERMOD

302	642289.25	418000.72	FENCEINT	9.32	
303	642289.14	4180005.71	FENCEINT	9.30	
304	642289.02	4180010.70	FENCEINT	9.28	
305	642288.91	4180015.69	FENCEINT	9.26	
306	642288.79	4180020.68	FENCEINT	9.23	
307	642288.68	4180025.67	FENCEINT	9.22	
308	642288.56	4180030.66	FENCEINT	9.21	
309	642288.45	4180035.65	FENCEINT	9.19	
310	642288.33	4180040.64	FENCEINT	9.17	
311	642288.22	4180045.63	FENCEINT	9.14	
312	642288.10	4180050.62	FENCEINT	9.12	
313	642287.98	4180055.61	FENCEINT	9.10	
314	642287.87	4180060.60	FENCEINT	9.08	
315	642287.75	4180065.59	FENCEINT	9.06	
316	642287.64	4180070.58	FENCEINT	9.05	
317	642287.52	4180075.57	FENCEINT	9.03	
318	642287.41	4180080.56	FENCEINT	9.01	
319	642287.29	4180085.56	FENCEINT	8.99	
320	642287.18	4180090.55	FENCEINT	8.97	
321	642287.06	4180095.54	FENCEINT	8.94	
322	642286.95	4180100.53	FENCEINT	8.92	
323	642286.83	4180105.52	FENCEINT	8.90	
324	642286.72	4180110.51	FENCEINT	8.87	
325	642286.60	4180115.50	FENCEINT	8.85	
326	642286.49	4180120.49	FENCEINT	8.81	
327	642286.37	4180125.48	FENCEINT	8.76	
328	642286.26	4180130.47	FENCEINT	8.70	
329	642286.14	4180135.46	FENCEINT	8.67	
330	642286.03	4180140.45	FENCEINT	8.66	
331	642285.91	4180145.44	FENCEINT	8.64	
332	642285.80	4180150.43	FENCEINT	8.63	
333	642285.68	4180155.42	FENCEINT	8.61	
334	642285.57	4180160.41	FENCEINT	8.59	
335	642285.45	4180165.40	FENCEINT	8.56	
336	642285.34	4180170.39	FENCEINT	8.54	
337	642285.22	4180175.38	FENCEINT	8.51	
338	642285.11	4180180.37	FENCEINT	8.50	
339	642284.99	4180185.36	FENCEINT	8.48	
340	642284.88	4180190.35	FENCEINT	8.48	
341	642284.76	4180195.34	FENCEINT	8.47	
342	642284.65	4180200.33	FENCEINT	8.45	

Receptor Pathway

AERMOD

343	642284.53	4180205.32	FENCEINT	8.43	
344	642284.42	4180210.31	FENCEINT	8.41	
345	642284.30	4180215.30	FENCEINT	8.39	
346	642284.19	4180220.29	FENCEINT	8.38	
347	642284.07	4180225.28	FENCEINT	8.36	
348	642283.96	4180230.27	FENCEINT	8.35	
349	642283.84	4180235.26	FENCEINT	8.35	
350	642283.73	4180240.25	FENCEINT	8.34	
351	642283.61	4180245.24	FENCEINT	8.34	
352	642283.50	4180250.23	FENCEINT	8.33	
353	642283.38	4180255.22	FENCEINT	8.32	
354	642283.27	4180260.21	FENCEINT	8.29	
355	642283.15	4180265.20	FENCEINT	8.26	
356	642283.04	4180270.19	FENCEINT	8.24	
357	642282.92	4180275.19	FENCEINT	8.22	
358	642282.81	4180280.18	FENCEINT	8.21	
359	642282.69	4180285.17	FENCEINT	8.21	
360	642282.58	4180290.16	FENCEINT	8.20	
361	642282.46	4180295.15	FENCEINT	8.19	
362	642282.35	4180300.14	FENCEINT	8.19	
363	642282.23	4180305.13	FENCEINT	8.18	
364	642282.11	4180310.12	FENCEINT	8.16	
365	642282.00	4180315.11	FENCEINT	8.15	
366	642281.88	4180320.10	FENCEINT	8.14	
367	642281.77	4180325.09	FENCEINT	8.13	
368	642281.65	4180330.08	FENCEINT	8.12	
369	642281.54	4180335.07	FENCEINT	8.11	
370	642281.42	4180340.06	FENCEINT	8.10	
371	642281.31	4180345.05	FENCEINT	8.09	
372	642281.19	4180350.04	FENCEINT	8.08	
373	642281.08	4180355.03	FENCEINT	8.06	
374	642280.96	4180360.02	FENCEINT	8.04	
375	642280.85	4180365.01	FENCEINT	8.02	
376	642280.73	4180370.00	FENCEINT	8.00	
377	642280.62	4180374.99	FENCEINT	7.98	
378	642280.50	4180379.98	FENCEINT	7.96	
379	642280.39	4180384.97	FENCEINT	7.94	
380	642280.27	4180389.96	FENCEINT	7.92	
381	642280.16	4180394.95	FENCEINT	7.90	
382	642280.04	4180399.94	FENCEINT	7.88	
383	642279.93	4180404.93	FENCEINT	7.87	

Receptor Pathway

AERMOD

384	642279.81	4180409.92	FENCEINT	7.86	
385	642279.70	4180414.91	FENCEINT	7.85	
386	642279.58	4180419.90	FENCEINT	7.83	
387	642279.47	4180424.89	FENCEINT	7.82	
388	642279.35	4180429.88	FENCEINT	7.81	
389	642279.24	4180434.87	FENCEINT	7.80	
390	642279.12	4180439.86	FENCEINT	7.80	
391	642279.01	4180444.85	FENCEINT	7.79	
392	642278.89	4180449.84	FENCEINT	7.77	
393	642278.78	4180454.83	FENCEINT	7.75	
394	642278.66	4180459.83	FENCEINT	7.73	
395	642278.55	4180464.82	FENCEINT	7.71	
396	642278.43	4180469.81	FENCEINT	7.70	
397	642278.32	4180474.80	FENCEINT	7.69	
398	642278.20	4180479.79	FENCEINT	7.66	
399	642278.09	4180484.78	FENCEINT	7.65	
400	642277.97	4180489.77	FENCEINT	7.63	
401	642277.86	4180494.76	FENCEINT	7.62	
402	642277.74	4180499.75	FENCEINT	7.61	
403	642277.63	4180504.74	FENCEINT	7.60	
404	642277.51	4180509.73	FENCEINT	7.59	
405	642277.40	4180514.72	FENCEINT	7.57	
406	642277.28	4180519.71	FENCEINT	7.55	
407	642277.17	4180524.70	FENCEINT	7.55	
408	642277.05	4180529.69	FENCEINT	7.56	
409	642276.94	4180534.68	FENCEINT	7.58	
410	642276.82	4180539.67	FENCEINT	7.67	
411	642276.71	4180544.66	FENCEINT	7.73	
412	642280.93	4180548.43	FENCEINT	7.73	
413	642285.27	4180547.21	FENCEINT	7.75	
414	642289.62	4180545.99	FENCEINT	7.75	
415	642293.96	4180544.77	FENCEINT	7.76	
416	642298.30	4180543.56	FENCEINT	7.76	
417	642302.64	4180542.34	FENCEINT	7.74	
418	642306.99	4180541.12	FENCEINT	7.72	
419	642311.33	4180539.90	FENCEINT	7.73	
420	642318.94	4180542.45	FENCEINT	7.82	
421	642322.20	4180546.23	FENCEINT	7.74	
422	642325.47	4180550.00	FENCEINT	7.61	
423	642328.73	4180553.77	FENCEINT	7.48	
424	642332.00	4180557.55	FENCEINT	7.42	

Receptor Pathway

AERMOD

425	642335.26	4180561.32	FENCEINT	7.36	
426	642338.53	4180565.09	FENCEINT	7.31	
427	642341.80	4180568.86	FENCEINT	7.27	
428	642345.06	4180572.64	FENCEINT	7.22	
429	642348.33	4180576.41	FENCEINT	7.19	
430	642351.59	4180580.18	FENCEINT	7.15	
431	642354.86	4180583.96	FENCEINT	7.12	
432	642358.12	4180587.73	FENCEINT	7.10	
433	642361.39	4180591.50	FENCEINT	7.08	
434	642364.66	4180595.28	FENCEINT	7.06	
435	642367.92	4180599.05	FENCEINT	7.03	
436	642371.19	4180602.82	FENCEINT	6.99	
437	642374.45	4180606.59	FENCEINT	6.96	
438	642377.72	4180610.37	FENCEINT	6.92	
439	642380.99	4180614.14	FENCEINT	6.89	
440	642384.25	4180617.91	FENCEINT	6.86	
441	642387.52	4180621.69	FENCEINT	6.85	
442	642390.78	4180625.46	FENCEINT	6.83	
443	642394.05	4180629.23	FENCEINT	6.81	
444	642397.31	4180633.01	FENCEINT	6.77	
445	642400.58	4180636.78	FENCEINT	6.74	
446	642403.85	4180640.55	FENCEINT	6.72	
447	642407.11	4180644.32	FENCEINT	6.69	
448	642410.38	4180648.10	FENCEINT	6.65	
449	642413.64	4180651.87	FENCEINT	6.62	
450	642416.91	4180655.64	FENCEINT	6.60	
451	642420.17	4180659.42	FENCEINT	6.58	
452	642423.44	4180663.19	FENCEINT	6.54	
453	642426.71	4180666.96	FENCEINT	6.50	
454	642429.97	4180670.74	FENCEINT	6.46	
455	642433.24	4180674.51	FENCEINT	6.43	
456	642436.50	4180678.28	FENCEINT	6.41	
457	642439.77	4180682.05	FENCEINT	6.38	
458	642443.03	4180685.83	FENCEINT	6.35	
459	642446.30	4180689.60	FENCEINT	6.32	
460	642449.57	4180693.37	FENCEINT	6.28	
461	642452.83	4180697.15	FENCEINT	6.24	
462	642456.10	4180700.92	FENCEINT	6.23	
463	642459.36	4180704.69	FENCEINT	6.22	
464	642462.63	4180708.47	FENCEINT	6.21	
465	642465.89	4180712.24	FENCEINT	6.20	

Receptor Pathway

AERMOD

466	642469.16	4180716.01	FENCEINT	6.18	
467	642472.43	4180719.78	FENCEINT	6.14	
468	642475.69	4180723.56	FENCEINT	6.09	
469	642478.96	4180727.33	FENCEINT	6.06	
470	642482.22	4180731.10	FENCEINT	6.04	
471	642485.49	4180734.88	FENCEINT	6.01	
472	642488.75	4180738.65	FENCEINT	5.97	
473	642492.02	4180742.42	FENCEINT	5.95	
474	642495.29	4180746.20	FENCEINT	5.91	
475	642498.55	4180749.97	FENCEINT	5.88	
476	642501.82	4180753.74	FENCEINT	5.85	
477	642505.08	4180757.51	FENCEINT	5.83	
478	642508.35	4180761.29	FENCEINT	5.81	
479	642511.62	4180765.06	FENCEINT	5.79	
480	642514.88	4180768.83	FENCEINT	5.76	
481	642518.15	4180772.61	FENCEINT	5.74	
482	642521.41	4180776.38	FENCEINT	5.70	
483	642524.68	4180780.15	FENCEINT	5.69	
484	642527.94	4180783.93	FENCEINT	5.67	
485	642531.21	4180787.70	FENCEINT	5.63	
486	642534.48	4180791.47	FENCEINT	5.60	
487	642537.74	4180795.24	FENCEINT	5.58	
488	642541.01	4180799.02	FENCEINT	5.56	
489	642544.27	4180802.79	FENCEINT	5.53	
490	642547.54	4180806.56	FENCEINT	5.51	
491	642550.80	4180810.34	FENCEINT	5.46	
492	642554.07	4180814.11	FENCEINT	5.43	
493	642557.34	4180817.88	FENCEINT	5.39	
494	642560.60	4180821.66	FENCEINT	5.36	
495	642563.87	4180825.43	FENCEINT	5.39	
496	642567.13	4180829.20	FENCEINT	5.37	
497	642570.40	4180832.97	FENCEINT	5.32	
498	642573.66	4180836.75	FENCEINT	5.26	
499	642572.09	4180841.72	FENCEINT	5.40	
500	642567.25	4180842.92	FENCEINT	5.41	
501	642562.41	4180844.12	FENCEINT	5.40	
502	642557.57	4180845.32	FENCEINT	5.37	
503	642552.73	4180846.52	FENCEINT	5.36	
504	642547.89	4180847.72	FENCEINT	5.35	
505	642543.05	4180848.92	FENCEINT	5.38	
506	642538.21	4180850.12	FENCEINT	5.42	

Receptor Pathway

AERMOD

507	642533.37	4180851.32	FENCEINT	5.46	
508	642528.53	4180852.52	FENCEINT	5.50	
509	642523.69	4180853.72	FENCEINT	5.52	
510	642518.85	4180854.92	FENCEINT	5.53	
511	642514.01	4180856.12	FENCEINT	5.52	
512	642509.17	4180857.32	FENCEINT	5.53	
513	642504.33	4180858.52	FENCEINT	5.55	
514	642499.49	4180859.72	FENCEINT	5.59	
515	642494.65	4180860.92	FENCEINT	5.62	
516	642489.81	4180862.12	FENCEINT	5.65	
517	642484.97	4180863.32	FENCEINT	5.67	
518	642480.13	4180864.52	FENCEINT	5.67	
519	642475.29	4180865.72	FENCEINT	5.65	
520	642470.45	4180866.92	FENCEINT	5.68	
521	642465.61	4180868.12	FENCEINT	5.70	
522	642460.76	4180869.31	FENCEINT	5.73	
523	642455.92	4180870.51	FENCEINT	5.76	
524	642451.08	4180871.71	FENCEINT	5.78	
525	642446.24	4180872.91	FENCEINT	5.79	
526	642441.40	4180874.11	FENCEINT	5.79	
527	642436.56	4180875.31	FENCEINT	5.78	
528	642431.72	4180876.51	FENCEINT	5.77	
529	642426.88	4180877.71	FENCEINT	5.78	
530	642422.04	4180878.91	FENCEINT	5.80	
531	642417.20	4180880.11	FENCEINT	5.82	
532	642412.36	4180881.31	FENCEINT	5.84	
533	642407.52	4180882.51	FENCEINT	5.86	
534	642402.68	4180883.71	FENCEINT	5.85	
535	642397.84	4180884.91	FENCEINT	5.84	
536	642393.00	4180886.11	FENCEINT	5.83	
537	642388.16	4180887.31	FENCEINT	5.84	
538	642383.32	4180888.51	FENCEINT	5.85	
539	642378.48	4180889.71	FENCEINT	5.86	
540	642373.64	4180890.91	FENCEINT	5.87	
541	642368.80	4180892.11	FENCEINT	5.89	
542	642363.96	4180893.31	FENCEINT	5.90	
543	642359.12	4180894.51	FENCEINT	5.91	
544	642349.58	4180895.10	FENCEINT	5.95	
545	642344.88	4180894.49	FENCEINT	5.99	
546	642340.17	4180893.88	FENCEINT	6.05	
547	642335.47	4180893.28	FENCEINT	6.11	

Receptor Pathway

AERMOD

548	642330.77	4180892.67	FENCEINT	6.14	
549	642326.07	4180892.06	FENCEINT	6.15	
550	642321.36	4180891.45	FENCEINT	6.13	
551	642312.87	4180887.69	FENCEINT	5.99	
552	642309.08	4180884.54	FENCEINT	5.97	
553	642305.29	4180881.38	FENCEINT	5.99	
554	642301.50	4180878.23	FENCEINT	6.01	
555	642297.71	4180875.08	FENCEINT	6.03	
556	642293.92	4180871.93	FENCEINT	6.05	
557	642290.13	4180868.78	FENCEINT	6.07	
558	642286.34	4180865.63	FENCEINT	6.09	
559	642282.55	4180862.47	FENCEINT	6.12	
560	642278.76	4180859.32	FENCEINT	6.15	
561	642274.97	4180856.17	FENCEINT	6.18	
562	642271.18	4180853.02	FENCEINT	6.21	
563	642267.39	4180849.87	FENCEINT	6.23	
564	642263.59	4180846.72	FENCEINT	6.25	
565	642259.80	4180843.56	FENCEINT	6.27	
566	642256.01	4180840.41	FENCEINT	6.30	
567	642252.22	4180837.26	FENCEINT	6.32	
568	642248.43	4180834.11	FENCEINT	6.34	
569	642244.64	4180830.96	FENCEINT	6.38	
570	642240.85	4180827.81	FENCEINT	6.41	
571	642237.06	4180824.65	FENCEINT	6.44	
572	642233.27	4180821.50	FENCEINT	6.48	
573	642229.48	4180818.35	FENCEINT	6.51	
574	642225.69	4180815.20	FENCEINT	6.53	
575	642221.90	4180812.05	FENCEINT	6.54	
576	642218.11	4180808.90	FENCEINT	6.57	
577	642214.32	4180805.74	FENCEINT	6.59	
578	642210.53	4180802.59	FENCEINT	6.60	
579	642206.74	4180799.44	FENCEINT	6.62	
580	642202.95	4180796.29	FENCEINT	6.64	
581	642199.16	4180793.14	FENCEINT	6.66	
582	642195.37	4180789.99	FENCEINT	6.67	
583	642191.58	4180786.83	FENCEINT	6.68	
584	642187.79	4180783.68	FENCEINT	6.70	
585	642184.00	4180780.53	FENCEINT	6.71	
586	642180.21	4180777.38	FENCEINT	6.73	
587	642176.42	4180774.23	FENCEINT	6.75	
588	642172.63	4180771.08	FENCEINT	6.77	

Receptor Pathway

AERMOD

589	642168.84	4180767.92	FENCEINT	6.78	
590	642165.04	4180764.77	FENCEINT	6.80	
591	642161.25	4180761.62	FENCEINT	6.83	
592	642157.46	4180758.47	FENCEINT	6.84	
593	642153.67	4180755.32	FENCEINT	6.86	
594	642149.88	4180752.17	FENCEINT	6.88	
595	642146.09	4180749.01	FENCEINT	6.88	
596	642142.30	4180745.86	FENCEINT	6.89	
597	642138.51	4180742.71	FENCEINT	6.91	
598	642134.72	4180739.56	FENCEINT	6.92	
599	642130.93	4180736.41	FENCEINT	6.93	
600	642127.14	4180733.26	FENCEINT	6.95	
601	642123.35	4180730.10	FENCEINT	6.96	
602	642119.56	4180726.95	FENCEINT	6.98	
603	642111.12	4180723.17	FENCEINT	7.01	
604	642106.47	4180722.54	FENCEINT	7.02	
605	642101.81	4180721.91	FENCEINT	7.02	
606	642097.16	4180721.28	FENCEINT	7.03	
607	642092.51	4180720.65	FENCEINT	7.03	
608	642087.86	4180720.02	FENCEINT	7.04	
609	642083.21	4180719.39	FENCEINT	7.04	
610	642078.55	4180718.77	FENCEINT	7.05	
611	642073.90	4180718.14	FENCEINT	7.06	
612	642069.25	4180717.51	FENCEINT	7.08	
613	642064.60	4180716.88	FENCEINT	7.08	
614	642059.95	4180716.25	FENCEINT	7.09	
615	642055.29	4180715.62	FENCEINT	7.10	
616	642050.64	4180714.99	FENCEINT	7.10	
617	642041.15	4180715.44	FENCEINT	7.09	
618	642036.31	4180716.52	FENCEINT	7.09	
619	642031.47	4180717.60	FENCEINT	7.08	
620	642026.64	4180718.68	FENCEINT	7.07	
621	642021.80	4180719.76	FENCEINT	7.07	
622	642016.96	4180720.84	FENCEINT	7.07	
623	642012.12	4180721.92	FENCEINT	7.07	
624	642007.28	4180723.00	FENCEINT	7.08	
625	642002.44	4180724.08	FENCEINT	7.08	
626	641997.61	4180725.16	FENCEINT	7.08	
627	641992.77	4180726.24	FENCEINT	7.08	
628	641987.93	4180727.32	FENCEINT	7.08	
629	641983.09	4180728.39	FENCEINT	7.08	

Receptor Pathway

AERMOD

630	641978.25	4180729.47	FENCEINT	7.08	
631	641973.41	4180730.55	FENCEINT	7.08	
632	641968.58	4180731.63	FENCEINT	7.07	
633	641963.74	4180732.71	FENCEINT	7.08	
634	641958.90	4180733.79	FENCEINT	7.08	
635	641954.06	4180734.87	FENCEINT	7.08	
636	641949.22	4180735.95	FENCEINT	7.08	
637	641944.38	4180737.03	FENCEINT	7.11	
638	641939.55	4180738.11	FENCEINT	7.15	
639	641934.71	4180739.19	FENCEINT	6.95	
640	641929.87	4180740.27	FENCEINT	6.75	
641	641923.46	4180736.71	FENCEINT	7.23	
642	641921.89	4180732.07	FENCEINT	7.08	
643	641920.32	4180727.44	FENCEINT	7.07	
644	641918.75	4180722.80	FENCEINT	7.06	
645	641917.17	4180718.16	FENCEINT	7.08	
646	641915.60	4180713.52	FENCEINT	6.96	
647	641914.03	4180708.89	FENCEINT	6.86	
648	641912.46	4180704.25	FENCEINT	6.87	
649	641910.89	4180699.61	FENCEINT	6.93	
650	641909.32	4180694.97	FENCEINT	6.91	
651	641907.75	4180690.33	FENCEINT	6.76	
652	641906.18	4180685.70	FENCEINT	6.79	
653	641904.61	4180681.06	FENCEINT	6.89	
654	641903.03	4180676.42	FENCEINT	7.06	
655	641901.46	4180671.78	FENCEINT	7.13	
656	641899.89	4180667.15	FENCEINT	7.29	
657	641898.32	4180662.51	FENCEINT	7.54	
658	641896.75	4180657.87	FENCEINT	7.68	
659	641895.18	4180653.23	FENCEINT	7.74	
660	641893.61	4180648.59	FENCEINT	7.74	
661	641892.04	4180643.96	FENCEINT	7.63	
662	641890.47	4180639.32	FENCEINT	7.56	
663	641888.89	4180634.68	FENCEINT	7.65	
664	641887.32	4180630.04	FENCEINT	7.70	
665	641885.75	4180625.41	FENCEINT	7.69	
666	641884.18	4180620.77	FENCEINT	7.67	
667	641882.61	4180616.13	FENCEINT	7.69	
668	641881.04	4180611.49	FENCEINT	7.73	
669	641879.47	4180606.85	FENCEINT	7.77	
670	641877.90	4180602.22	FENCEINT	7.80	

Receptor Pathway

AERMOD

671	641876.33	4180597.58	FENCEINT	7.82	
672	641874.75	4180592.94	FENCEINT	7.86	
673	641873.18	4180588.30	FENCEINT	7.91	
674	641871.61	4180583.67	FENCEINT	7.95	
675	641870.04	4180579.03	FENCEINT	7.97	
676	641868.58	4180569.40	FENCEINT	7.98	
677	641868.69	4180564.41	FENCEINT	7.99	
678	641868.80	4180559.42	FENCEINT	8.00	
679	641868.90	4180554.43	FENCEINT	8.02	
680	641869.01	4180549.44	FENCEINT	8.04	
681	641869.12	4180544.45	FENCEINT	8.06	
682	641869.23	4180539.46	FENCEINT	8.08	
683	641869.34	4180534.47	FENCEINT	8.10	
684	641869.45	4180529.48	FENCEINT	8.13	
685	641869.55	4180524.49	FENCEINT	8.15	
686	641869.66	4180519.50	FENCEINT	8.18	
687	641869.77	4180514.51	FENCEINT	8.21	
688	641869.88	4180509.52	FENCEINT	8.24	
689	641869.99	4180504.53	FENCEINT	8.27	
690	641870.10	4180499.54	FENCEINT	8.30	
691	641870.20	4180494.55	FENCEINT	8.32	
692	641870.31	4180489.56	FENCEINT	8.35	
693	641870.42	4180484.57	FENCEINT	8.38	
694	641870.53	4180479.58	FENCEINT	8.40	
695	641870.64	4180474.60	FENCEINT	8.41	
696	641870.75	4180469.61	FENCEINT	8.41	
697	641870.86	4180464.62	FENCEINT	8.42	
698	641870.96	4180459.63	FENCEINT	8.42	
699	641871.07	4180454.64	FENCEINT	8.43	
700	641871.18	4180449.65	FENCEINT	8.45	
701	641871.29	4180444.66	FENCEINT	8.47	
702	641871.40	4180439.67	FENCEINT	8.50	
703	641871.51	4180434.68	FENCEINT	8.53	
704	641871.61	4180429.69	FENCEINT	8.56	
705	641871.72	4180424.70	FENCEINT	8.59	
706	641871.83	4180419.71	FENCEINT	8.60	
707	641871.94	4180414.72	FENCEINT	8.62	
708	641872.05	4180409.73	FENCEINT	8.63	
709	641872.16	4180404.74	FENCEINT	8.65	
710	641872.26	4180399.75	FENCEINT	8.67	
711	641872.37	4180394.76	FENCEINT	8.69	

Receptor Pathway

AERMOD

712	641872.48	4180389.77	FENCEINT	8.70	
713	641872.59	4180384.78	FENCEINT	8.72	
714	641872.70	4180379.79	FENCEINT	8.74	
715	641872.81	4180374.80	FENCEINT	8.76	
716	641872.92	4180369.81	FENCEINT	8.79	
717	641873.02	4180364.82	FENCEINT	8.82	
718	641873.13	4180359.83	FENCEINT	8.85	
719	641873.24	4180354.84	FENCEINT	8.86	
720	641873.35	4180349.85	FENCEINT	8.88	
721	641873.46	4180344.86	FENCEINT	8.90	
722	641873.57	4180339.87	FENCEINT	8.93	
723	641873.67	4180334.88	FENCEINT	8.95	
724	641873.78	4180329.89	FENCEINT	8.97	
725	641873.89	4180324.90	FENCEINT	8.98	
726	641874.00	4180319.91	FENCEINT	8.99	
727	641874.11	4180314.92	FENCEINT	9.01	
728	641874.22	4180309.93	FENCEINT	9.02	
729	641874.32	4180304.94	FENCEINT	9.04	
730	641874.43	4180299.95	FENCEINT	9.05	
731	641874.54	4180294.96	FENCEINT	9.08	
732	641874.65	4180289.97	FENCEINT	9.10	
733	641874.76	4180284.98	FENCEINT	9.13	
734	641874.87	4180279.99	FENCEINT	9.16	
735	641874.98	4180275.01	FENCEINT	9.17	
736	641875.08	4180270.02	FENCEINT	9.19	
737	641875.19	4180265.03	FENCEINT	9.21	
738	641875.30	4180260.04	FENCEINT	9.23	
739	641875.41	4180255.05	FENCEINT	9.24	
740	641875.52	4180250.06	FENCEINT	9.26	
741	641875.63	4180245.07	FENCEINT	9.27	
742	641875.73	4180240.08	FENCEINT	9.28	
743	641875.84	4180235.09	FENCEINT	9.30	
744	641875.95	4180230.10	FENCEINT	9.31	
745	641876.06	4180225.11	FENCEINT	9.33	
746	641876.17	4180220.12	FENCEINT	9.35	
747	641876.28	4180215.13	FENCEINT	9.37	
748	641876.38	4180210.14	FENCEINT	9.38	
749	641876.49	4180205.15	FENCEINT	9.38	
750	641876.60	4180200.16	FENCEINT	9.39	
751	641876.71	4180195.17	FENCEINT	9.40	
752	641876.82	4180190.18	FENCEINT	9.41	

Receptor Pathway

AERMOD

753	641876.93	4180185.19	FENCEINT	9.43	
754	641877.04	4180180.20	FENCEINT	9.45	
755	641877.14	4180175.21	FENCEINT	9.47	
756	641877.25	4180170.22	FENCEINT	9.49	
757	641877.36	4180165.23	FENCEINT	9.50	
758	641877.47	4180160.24	FENCEINT	9.51	
759	641877.58	4180155.25	FENCEINT	9.52	
760	641877.69	4180150.26	FENCEINT	9.54	
761	641877.79	4180145.27	FENCEINT	9.55	
762	641877.90	4180140.28	FENCEINT	9.58	
763	641878.01	4180135.29	FENCEINT	9.60	
764	641878.12	4180130.30	FENCEINT	9.61	
765	641878.23	4180125.31	FENCEINT	9.63	
766	641878.34	4180120.32	FENCEINT	9.67	
767	641878.44	4180115.33	FENCEINT	9.70	
768	641878.55	4180110.34	FENCEINT	9.70	
769	641878.66	4180105.35	FENCEINT	9.69	
770	641878.77	4180100.36	FENCEINT	9.68	
771	641878.88	4180095.37	FENCEINT	9.67	
772	641878.99	4180090.38	FENCEINT	9.68	
773	641879.09	4180085.39	FENCEINT	9.69	
774	641879.20	4180080.41	FENCEINT	9.69	
775	641879.31	4180075.42	FENCEINT	9.70	
776	641879.42	4180070.43	FENCEINT	9.71	
777	641879.53	4180065.44	FENCEINT	9.73	
778	641879.64	4180060.45	FENCEINT	9.74	
779	641879.75	4180055.46	FENCEINT	9.76	
780	641879.85	4180050.47	FENCEINT	9.78	
781	641879.96	4180045.48	FENCEINT	9.79	
782	641880.07	4180040.49	FENCEINT	9.81	
783	641880.18	4180035.50	FENCEINT	9.82	
784	641880.29	4180030.51	FENCEINT	9.82	
785	641880.40	4180025.52	FENCEINT	9.82	
786	641880.50	4180020.53	FENCEINT	9.82	
787	641880.61	4180015.54	FENCEINT	9.82	
788	641880.72	4180010.55	FENCEINT	9.83	
789	641880.83	4180005.56	FENCEINT	9.84	
790	641880.94	4180000.57	FENCEINT	9.85	
791	641881.05	4179995.58	FENCEINT	9.86	
792	641881.15	4179990.59	FENCEINT	9.87	
793	641881.26	4179985.60	FENCEINT	9.87	

Receptor Pathway

AERMOD

794	641881.37	4179980.61	FENCEINT	9.88	
795	641881.48	4179975.62	FENCEINT	9.89	
796	641881.59	4179970.63	FENCEINT	9.91	
797	641881.70	4179965.64	FENCEINT	9.93	
798	641881.81	4179960.65	FENCEINT	9.95	
799	641881.91	4179955.66	FENCEINT	9.97	
800	641882.02	4179950.67	FENCEINT	9.99	
801	641882.13	4179945.68	FENCEINT	9.97	
802	641882.24	4179940.69	FENCEINT	9.94	
803	641882.35	4179935.70	FENCEINT	9.94	
804	641882.46	4179930.71	FENCEINT	9.94	
805	641882.56	4179925.72	FENCEINT	9.96	
806	641882.67	4179920.73	FENCEINT	9.97	
807	641882.78	4179915.74	FENCEINT	9.99	
808	641882.89	4179910.75	FENCEINT	10.00	
809	641883.00	4179905.76	FENCEINT	10.01	
810	641883.11	4179900.77	FENCEINT	10.02	
811	641883.21	4179895.78	FENCEINT	10.04	
812	641883.32	4179890.79	FENCEINT	10.06	
813	641883.43	4179885.80	FENCEINT	10.08	
814	641883.54	4179880.82	FENCEINT	10.10	
815	641883.65	4179875.83	FENCEINT	10.15	
816	641883.76	4179870.84	FENCEINT	10.20	
817	641883.87	4179865.85	FENCEINT	10.29	
818	641883.97	4179860.86	FENCEINT	10.40	
819	641884.08	4179855.87	FENCEINT	10.43	
820	641884.19	4179850.88	FENCEINT	10.40	
821	641884.30	4179845.89	FENCEINT	10.38	
822	641884.41	4179840.90	FENCEINT	10.36	
823	641884.52	4179835.91	FENCEINT	10.37	
824	641884.62	4179830.92	FENCEINT	10.39	
825	641884.73	4179825.93	FENCEINT	10.38	
826	641884.84	4179820.94	FENCEINT	10.32	
827	641884.95	4179815.95	FENCEINT	10.29	
828	641885.06	4179810.96	FENCEINT	10.31	
829	641885.17	4179805.97	FENCEINT	10.31	
830	641885.27	4179800.98	FENCEINT	10.30	
831	641885.38	4179795.99	FENCEINT	10.29	
832	641885.49	4179791.00	FENCEINT	10.29	

Receptor Pathway

AERMOD

Receptor Groups

Record Number	Group ID	Group Description
1	FENCEPRI	Cartesian plant boundary Primary Receptors
2	FENCEINT	Cartesian plant boundary Intermediate Receptors
3	UCART1	Receptors generated from Uniform Cartesian Grid

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.SFC
 Format Type: Default AERMET format

Profile Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.PFL
 Format Type: Default AERMET format

Wind Speed



Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 14.00 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2004			Station ID 66666
Upper Air		2004			

Data Period

Data Period to Process

Start Date: 1/1/2004 Start Hour: 1 End Date: 12/31/2008 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01180	ug/m^3	r	642423.59	4180906.20	5.74	0.00	5.74	
PERIOD		0.01146	ug/m^3	r	642441.65	4180909.13	5.71	0.00	5.71	
PERIOD		0.01251	ug/m^3	r	642480.08	4180894.46	6.83	0.00	6.83	
PERIOD		0.01179	ug/m^3	r	642519.76	4180888.29	5.42	0.00	5.42	
PERIOD		0.01077	ug/m^3	r	642566.51	4180882.54	5.07	0.00	5.07	
PERIOD		0.01099	ug/m^3	r	642626.31	4180850.18	5.27	0.00	5.27	
PERIOD		0.01003	ug/m^3	r	642669.21	4180807.50	4.70	0.00	4.70	
PERIOD		0.00777	ug/m^3	r	642766.30	4180717.00	5.31	0.00	5.31	
PERIOD		0.00636	ug/m^3	r	642864.59	4180554.77	5.81	0.00	5.81	
PERIOD		0.00655	ug/m^3	r	642843.70	4180532.79	5.99	0.00	5.99	
PERIOD		0.00634	ug/m^3	r	642612.01	4179848.87	9.81	0.00	9.81	
PERIOD		0.00562	ug/m^3	r	642624.90	4179791.78	10.39	0.00	10.39	
PERIOD		0.00547	ug/m^3	r	642639.86	4179791.65	10.35	0.00	10.35	
PERIOD		0.00537	ug/m^3	r	642667.43	4179795.46	9.94	0.00	9.94	
PERIOD		0.00524	ug/m^3	r	642693.29	4179797.16	9.84	0.00	9.84	
PERIOD		0.00496	ug/m^3	r	642728.95	4179797.77	9.79	0.00	9.79	
PERIOD		0.00461	ug/m^3	r	642798.23	4179801.48	9.03	0.00	9.03	
PERIOD		0.00425	ug/m^3	r	642838.25	4179796.55	8.93	0.00	8.93	
PERIOD		0.00419	ug/m^3	r	642873.35	4179801.20	8.83	0.00	8.83	
PERIOD		0.00412	ug/m^3	r	642903.14	4179804.04	8.64	0.00	8.64	

Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00453	ug/m^3	r	642861.85	4179877.44	8.79	0.00	8.79	
PERIOD		0.00431	ug/m^3	r	642915.46	4179883.14	9.24	0.00	9.24	
PERIOD		0.00451	ug/m^3	r	642889.34	4179922.70	8.80	0.00	8.80	
PERIOD		0.00448	ug/m^3	r	642916.53	4179957.30	8.35	0.00	8.35	
PERIOD		0.00522	ug/m^3	r	642846.92	4180017.86	8.29	0.00	8.29	
PERIOD		0.00413	ug/m^3	r	642969.73	4179932.63	8.53	0.00	8.53	
PERIOD		0.00406	ug/m^3	r	642984.82	4179936.19	8.37	0.00	8.37	
PERIOD		0.00397	ug/m^3	r	643006.43	4179931.45	8.58	0.00	8.58	
PERIOD		0.00386	ug/m^3	r	643027.44	4179882.32	8.62	0.00	8.62	
PERIOD		0.00411	ug/m^3	r	642942.74	4179809.51	8.49	0.00	8.49	
PERIOD		0.00387	ug/m^3	r	642986.00	4179809.05	8.33	0.00	8.33	
PERIOD		0.00361	ug/m^3	r	643009.48	4179802.10	8.33	0.00	8.33	
PERIOD		0.00327	ug/m^3	r	643092.88	4179800.30	7.67	0.00	7.67	
PERIOD		0.00342	ug/m^3	r	643107.73	4179811.01	7.72	0.00	7.72	
PERIOD		0.00339	ug/m^3	r	643138.65	4179813.25	8.23	0.00	8.23	
PERIOD		0.00294	ug/m^3	r	643123.91	4179779.64	8.25	0.00	8.25	
PERIOD		0.00286	ug/m^3	r	643160.42	4179780.20	8.27	0.00	8.27	
PERIOD		0.00268	ug/m^3	r	643175.36	4179761.55	8.29	0.00	8.29	
PERIOD		0.00272	ug/m^3	r	643163.42	4179763.67	8.32	0.00	8.32	
PERIOD		0.00270	ug/m^3	r	643139.64	4179753.74	8.35	0.00	8.35	
PERIOD		0.00264	ug/m^3	r	643144.44	4179746.59	8.39	0.00	8.39	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00272	ug/m^3	r	643213.32	4179778.97	8.13	0.00	8.13	
PERIOD		0.00324	ug/m^3	r	643220.99	4179818.86	7.81	0.00	7.81	
PERIOD		0.00317	ug/m^3	r	643231.24	4179817.25	7.83	0.00	7.83	
PERIOD		0.00317	ug/m^3	r	643195.08	4179812.50	7.85	0.00	7.85	
PERIOD		0.00287	ug/m^3	r	643266.55	4179806.39	7.79	0.00	7.79	
PERIOD		0.00255	ug/m^3	r	643225.65	4179758.26	8.28	0.00	8.28	
PERIOD		0.00257	ug/m^3	r	643235.56	4179763.82	8.27	0.00	8.27	
PERIOD		0.00252	ug/m^3	r	643180.87	4179738.16	8.54	0.00	8.54	
PERIOD		0.00241	ug/m^3	r	643132.53	4179699.67	8.87	0.00	8.87	
PERIOD		0.00240	ug/m^3	r	643117.14	4179693.48	8.81	0.00	8.81	
PERIOD		0.00240	ug/m^3	r	643101.08	4179686.86	8.98	0.00	8.98	
PERIOD		0.00248	ug/m^3	r	643069.34	4179691.13	9.02	0.00	9.02	
PERIOD		0.00257	ug/m^3	r	643077.53	4179710.91	8.88	0.00	8.88	
PERIOD		0.00153	ug/m^3	r	643018.96	4179438.01	10.05	0.00	10.05	
PERIOD		0.00175	ug/m^3	r	643084.59	4179523.29	9.74	0.00	9.74	
PERIOD		0.00167	ug/m^3	r	643123.69	4179508.56	9.65	0.00	9.65	
PERIOD		0.00160	ug/m^3	r	643205.32	4179504.68	9.73	0.00	9.73	
PERIOD		0.00166	ug/m^3	r	643205.63	4179524.47	9.49	0.00	9.49	
PERIOD		0.00145	ug/m^3	r	643228.04	4179453.82	9.60	0.00	9.60	
PERIOD		0.00139	ug/m^3	r	643191.32	4179422.31	9.37	0.00	9.37	
PERIOD		0.00155	ug/m^3	r	643156.40	4179471.78	9.88	0.00	9.88	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00161	ug/m^3	r	643267.56	4179525.34	9.42	0.00	9.42	
PERIOD		0.00175	ug/m^3	r	643239.54	4179565.68	9.28	0.00	9.28	
PERIOD		0.00172	ug/m^3	r	643269.96	4179568.47	9.13	0.00	9.13	
PERIOD		0.00166	ug/m^3	r	643276.56	4179548.69	9.25	0.00	9.25	
PERIOD		0.00177	ug/m^3	r	643304.54	4179598.63	8.34	0.00	8.34	
PERIOD		0.00189	ug/m^3	r	643198.44	4179596.54	9.10	0.00	9.10	
PERIOD		0.00189	ug/m^3	r	643165.27	4179587.66	9.05	0.00	9.05	
PERIOD		0.00194	ug/m^3	r	643279.62	4179642.39	8.41	0.00	8.41	
PERIOD		0.00199	ug/m^3	r	643342.12	4179677.63	8.40	0.00	8.40	
PERIOD		0.00199	ug/m^3	r	643365.52	4179686.82	8.14	0.00	8.14	
PERIOD		0.00203	ug/m^3	r	643412.02	4179712.59	8.03	0.00	8.03	
PERIOD		0.00204	ug/m^3	r	643426.83	4179720.88	8.06	0.00	8.06	
PERIOD		0.00222	ug/m^3	r	643443.06	4179763.53	7.71	0.00	7.71	
PERIOD		0.00207	ug/m^3	r	643462.19	4179738.10	7.72	0.00	7.72	
PERIOD		0.00209	ug/m^3	r	643477.05	4179744.65	7.75	0.00	7.75	
PERIOD		0.00240	ug/m^3	r	643609.19	4179779.40	6.99	0.00	6.99	
PERIOD		0.00240	ug/m^3	r	643581.34	4179779.40	7.10	0.00	7.10	
PERIOD		0.00186	ug/m^3	r	643486.28	4179690.48	7.69	0.00	7.69	
PERIOD		0.00186	ug/m^3	r	643461.70	4179683.07	7.85	0.00	7.85	
PERIOD		0.00178	ug/m^3	r	643435.58	4179649.08	7.89	0.00	7.89	
PERIOD		0.00179	ug/m^3	r	643445.96	4179656.83	7.86	0.00	7.86	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00185	ug/m^3	r	643433.08	4179668.66	7.88	0.00	7.88	
PERIOD		0.00171	ug/m^3	r	643472.43	4179636.73	7.74	0.00	7.74	
PERIOD		0.00158	ug/m^3	r	643467.63	4179586.55	7.66	0.00	7.66	
PERIOD		0.00155	ug/m^3	r	643474.60	4179575.24	7.82	0.00	7.82	
PERIOD		0.00148	ug/m^3	r	643488.40	4179549.74	7.60	0.00	7.60	
PERIOD		0.00093	ug/m^3	r	644226.05	4179433.08	7.30	0.00	7.30	
PERIOD		0.00222	ug/m^3	r	643856.00	4179782.95	6.39	0.00	6.39	
PERIOD		0.00216	ug/m^3	r	643894.54	4179783.96	6.19	0.00	6.19	
PERIOD		0.00194	ug/m^3	r	643904.86	4179771.37	6.11	0.00	6.11	
PERIOD		0.00176	ug/m^3	r	643902.09	4179750.97	6.08	0.00	6.08	
PERIOD		0.00152	ug/m^3	r	643884.46	4179690.78	6.26	0.00	6.26	
PERIOD		0.00043	ug/m^3	r	643988.56	4178601.40	11.42	0.00	11.42	
PERIOD		0.00043	ug/m^3	r	643970.67	4178600.51	11.44	0.00	11.44	
PERIOD		0.00043	ug/m^3	r	643953.35	4178599.84	11.46	0.00	11.46	
PERIOD		0.00042	ug/m^3	r	643940.61	4178583.63	11.57	0.00	11.57	
PERIOD		0.00041	ug/m^3	r	643898.25	4178561.06	11.56	0.00	11.56	
PERIOD		0.00041	ug/m^3	r	643882.49	4178560.50	11.54	0.00	11.54	
PERIOD		0.00041	ug/m^3	r	643868.08	4178560.61	11.50	0.00	11.50	
PERIOD		0.00038	ug/m^3	r	643850.61	4178477.15	12.36	0.00	12.36	
PERIOD		0.00039	ug/m^3	r	643802.93	4178519.25	11.99	0.00	11.99	
PERIOD		0.00034	ug/m^3	r	643566.21	4178374.81	12.85	0.00	12.85	

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00038	ug/m^3	r	642899.11	4178625.63	13.25	0.00	13.25	
PERIOD		0.00038	ug/m^3	r	642861.77	4178630.37	13.35	0.00	13.35	
PERIOD		0.00022	ug/m^3	r	642634.32	4178208.71	14.34	0.00	14.34	
PERIOD		0.00021	ug/m^3	r	642761.13	4178115.10	14.42	0.00	14.42	
PERIOD		0.00015	ug/m^3	r	642021.23	4178205.01	14.76	0.00	14.76	
PERIOD		0.00014	ug/m^3	r	641455.17	4178051.75	15.53	0.00	15.53	
PERIOD		0.00011	ug/m^3	r	640663.35	4177956.52	16.03	0.00	16.03	
PERIOD		0.00011	ug/m^3	r	640591.80	4177954.95	16.27	0.00	16.27	
PERIOD		0.00010	ug/m^3	r	640596.52	4177721.41	16.97	0.00	16.97	
PERIOD		0.00011	ug/m^3	r	640657.83	4177883.48	16.30	0.00	16.30	
PERIOD		0.00011	ug/m^3	r	640682.46	4177911.49	16.15	0.00	16.15	
PERIOD		0.00012	ug/m^3	r	640695.49	4177909.55	16.19	0.00	16.19	
PERIOD		0.00012	ug/m^3	r	640717.22	4177907.62	16.19	0.00	16.19	
PERIOD		0.00012	ug/m^3	r	640718.67	4177867.06	16.41	0.00	16.41	
PERIOD		0.00011	ug/m^3	r	640699.36	4177856.92	16.47	0.00	16.47	
PERIOD		0.00011	ug/m^3	r	640661.69	4177868.02	16.36	0.00	16.36	
PERIOD		0.00011	ug/m^3	r	640679.07	4177800.90	16.71	0.00	16.71	
PERIOD		0.00011	ug/m^3	r	640699.84	4177807.66	16.56	0.00	16.56	
PERIOD		0.00011	ug/m^3	r	640721.09	4177809.59	16.64	0.00	16.64	
PERIOD		0.00011	ug/m^3	r	640660.72	4177772.41	16.71	0.00	16.71	
PERIOD		0.00011	ug/m^3	r	640702.74	4177753.09	16.93	0.00	16.93	

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00011	ug/m^3	r	640669.42	4177758.89	16.73	0.00	16.73	
PERIOD		0.00011	ug/m^3	r	640743.35	4177756.71	16.91	0.00	16.91	
PERIOD		0.00011	ug/m^3	r	640801.27	4177764.04	16.95	0.00	16.95	
PERIOD		0.00012	ug/m^3	r	640850.11	4177764.04	16.95	0.00	16.95	
PERIOD		0.00012	ug/m^3	r	640883.26	4177755.67	16.90	0.00	16.90	
PERIOD		0.00012	ug/m^3	r	640884.30	4177764.39	16.93	0.00	16.93	
PERIOD		0.00012	ug/m^3	r	640885.00	4177773.81	16.93	0.00	16.93	
PERIOD		0.00012	ug/m^3	r	640885.00	4177782.53	16.93	0.00	16.93	
PERIOD		0.00012	ug/m^3	r	640883.26	4177791.95	16.90	0.00	16.90	
PERIOD		0.00012	ug/m^3	r	640916.40	4177756.36	16.97	0.00	16.97	
PERIOD		0.00012	ug/m^3	r	640946.76	4177754.97	16.87	0.00	16.87	
PERIOD		0.00012	ug/m^3	r	640947.11	4177767.88	16.73	0.00	16.73	
PERIOD		0.00012	ug/m^3	r	640916.75	4177765.78	16.94	0.00	16.94	
PERIOD		0.00012	ug/m^3	r	640946.06	4177777.65	16.71	0.00	16.71	
PERIOD		0.00012	ug/m^3	r	640917.80	4177775.20	16.88	0.00	16.88	
PERIOD		0.00012	ug/m^3	r	640945.36	4177787.42	16.70	0.00	16.70	
PERIOD		0.00012	ug/m^3	r	640917.80	4177784.97	16.88	0.00	16.88	
PERIOD		0.00012	ug/m^3	r	640914.31	4177804.16	16.85	0.00	16.85	
PERIOD		0.00012	ug/m^3	r	640916.40	4177794.39	16.87	0.00	16.87	
PERIOD		0.00012	ug/m^3	r	640943.62	4177804.86	16.66	0.00	16.66	
PERIOD		0.00012	ug/m^3	r	640945.71	4177795.79	16.69	0.00	16.69	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00012	ug/m^3	r	640979.90	4177758.81	16.68	0.00	16.68	
PERIOD		0.00012	ug/m^3	r	640978.16	4177769.27	16.64	0.00	16.64	
PERIOD		0.00012	ug/m^3	r	640976.41	4177776.95	16.63	0.00	16.63	
PERIOD		0.00012	ug/m^3	r	640978.16	4177792.30	16.53	0.00	16.53	
PERIOD		0.00012	ug/m^3	r	640978.85	4177801.02	16.50	0.00	16.50	
PERIOD		0.00012	ug/m^3	r	640977.81	4177809.40	16.48	0.00	16.48	
PERIOD		0.00012	ug/m^3	r	640978.51	4177820.56	16.46	0.00	16.46	
PERIOD		0.00012	ug/m^3	r	640977.81	4177828.59	16.44	0.00	16.44	
PERIOD		0.00012	ug/m^3	r	640879.77	4177800.67	16.84	0.00	16.84	
PERIOD		0.00012	ug/m^3	r	640883.61	4177813.23	16.81	0.00	16.81	
PERIOD		0.00012	ug/m^3	r	640885.35	4177824.75	16.84	0.00	16.84	
PERIOD		0.00012	ug/m^3	r	640915.24	4177814.31	16.81	0.00	16.81	
PERIOD		0.00012	ug/m^3	r	640945.30	4177816.13	16.60	0.00	16.60	
PERIOD		0.00012	ug/m^3	r	640947.12	4177825.60	16.60	0.00	16.60	
PERIOD		0.00012	ug/m^3	r	640915.97	4177824.87	16.78	0.00	16.78	
PERIOD		0.00012	ug/m^3	r	640916.34	4177835.07	16.75	0.00	16.75	
PERIOD		0.00012	ug/m^3	r	640946.57	4177835.98	16.57	0.00	16.57	
PERIOD		0.00012	ug/m^3	r	640946.75	4177845.63	16.52	0.00	16.52	
PERIOD		0.00012	ug/m^3	r	640915.61	4177844.18	16.73	0.00	16.73	
PERIOD		0.00012	ug/m^3	r	640879.91	4177832.52	16.80	0.00	16.80	
PERIOD		0.00012	ug/m^3	r	640885.19	4177842.36	16.74	0.00	16.74	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00012	ug/m^3	r	640884.46	4177851.64	16.68	0.00	16.68	
PERIOD		0.00012	ug/m^3	r	640916.34	4177852.74	16.71	0.00	16.71	
PERIOD		0.00012	ug/m^3	r	640945.30	4177854.74	16.47	0.00	16.47	
PERIOD		0.00013	ug/m^3	r	640945.48	4177863.12	16.45	0.00	16.45	
PERIOD		0.00012	ug/m^3	r	640915.06	4177861.30	16.67	0.00	16.67	
PERIOD		0.00012	ug/m^3	r	640883.19	4177861.12	16.61	0.00	16.61	
PERIOD		0.00012	ug/m^3	r	640883.92	4177871.31	16.54	0.00	16.54	
PERIOD		0.00012	ug/m^3	r	640885.38	4177879.87	16.49	0.00	16.49	
PERIOD		0.00013	ug/m^3	r	640883.19	4177890.80	16.49	0.00	16.49	
PERIOD		0.00012	ug/m^3	r	640915.97	4177871.68	16.61	0.00	16.61	
PERIOD		0.00013	ug/m^3	r	640914.88	4177881.70	16.58	0.00	16.58	
PERIOD		0.00013	ug/m^3	r	640944.20	4177871.86	16.44	0.00	16.44	
PERIOD		0.00013	ug/m^3	r	640945.30	4177883.15	16.39	0.00	16.39	
PERIOD		0.00013	ug/m^3	r	640944.57	4177893.17	16.37	0.00	16.37	
PERIOD		0.00013	ug/m^3	r	640913.61	4177888.98	16.55	0.00	16.55	
PERIOD		0.00013	ug/m^3	r	640913.61	4177898.82	16.54	0.00	16.54	
PERIOD		0.00013	ug/m^3	r	640944.20	4177902.46	16.38	0.00	16.38	
PERIOD		0.00013	ug/m^3	r	640911.97	4177907.92	16.48	0.00	16.48	
PERIOD		0.00013	ug/m^3	r	640944.75	4177911.02	16.35	0.00	16.35	
PERIOD		0.00013	ug/m^3	r	640975.17	4177909.38	16.22	0.00	16.22	
PERIOD		0.00013	ug/m^3	r	640976.99	4177900.64	16.25	0.00	16.25	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00013	ug/m^3	r	640976.62	4177891.35	16.28	0.00	16.28	
PERIOD		0.00013	ug/m^3	r	640978.44	4177881.51	16.26	0.00	16.26	
PERIOD		0.00013	ug/m^3	r	640978.26	4177870.77	16.30	0.00	16.30	
PERIOD		0.00013	ug/m^3	r	640980.08	4177860.39	16.31	0.00	16.31	
PERIOD		0.00012	ug/m^3	r	640979.17	4177841.08	16.36	0.00	16.36	
PERIOD		0.00012	ug/m^3	r	641027.15	4177771.72	16.80	0.00	16.80	
PERIOD		0.00012	ug/m^3	r	641097.01	4177769.15	16.46	0.00	16.46	
PERIOD		0.00012	ug/m^3	r	641050.94	4177776.86	16.58	0.00	16.58	
PERIOD		0.00012	ug/m^3	r	641106.22	4177834.93	16.34	0.00	16.34	
PERIOD		0.00013	ug/m^3	r	641112.42	4177909.52	15.89	0.00	15.89	
PERIOD		0.00013	ug/m^3	r	641020.43	4177904.78	16.35	0.00	16.35	
PERIOD		0.00014	ug/m^3	r	641092.38	4177966.96	15.79	0.00	15.79	
PERIOD		0.00012	ug/m^3	r	640555.64	4178224.82	14.68	0.00	14.68	
PERIOD		0.00011	ug/m^3	r	640382.10	4178168.75	15.06	0.00	15.06	
PERIOD		0.00010	ug/m^3	r	640295.47	4178186.85	14.80	0.00	14.80	
PERIOD		0.00010	ug/m^3	r	640289.24	4178169.94	14.93	0.00	24.59	
PERIOD		0.00012	ug/m^3	r	640520.34	4178237.28	14.56	0.00	14.56	
PERIOD		0.00012	ug/m^3	r	640568.99	4178242.62	14.68	0.00	14.68	
PERIOD		0.00312	ug/m^3	r	642421.71	4179614.03	11.33	0.00	11.33	
PERIOD		0.00274	ug/m^3	r	642419.19	4179586.04	11.55	0.00	11.55	
PERIOD		0.00097	ug/m^3	r	641230.76	4179694.87	11.83	0.00	11.83	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00337	ug/m^3	r	641806.79	4179870.63	10.26	0.00	10.26	
PERIOD		0.00365	ug/m^3	r	641825.54	4179856.53	10.36	0.00	10.36	
PERIOD		0.00142	ug/m^3	r	641492.88	4179824.18	10.67	0.00	10.67	
PERIOD		0.00144	ug/m^3	r	641482.98	4179806.49	10.62	0.00	10.62	
PERIOD		0.00133	ug/m^3	r	641401.40	4179805.19	10.73	0.00	10.73	
PERIOD		0.00123	ug/m^3	r	641322.12	4179800.31	10.62	0.00	10.62	
PERIOD		0.00118	ug/m^3	r	641199.49	4179789.22	10.67	0.00	10.67	
PERIOD		0.00115	ug/m^3	r	641226.51	4179799.31	10.67	0.00	10.67	
PERIOD		0.00114	ug/m^3	r	641254.87	4179804.73	10.50	0.00	10.50	
PERIOD		0.00119	ug/m^3	r	641284.46	4179798.64	10.58	0.00	10.58	
PERIOD		0.00074	ug/m^3	r	640672.91	4179804.60	10.57	0.00	10.57	
PERIOD		0.00075	ug/m^3	r	640909.50	4179873.06	10.45	0.00	10.45	
PERIOD		0.00063	ug/m^3	r	640576.50	4179834.99	10.64	0.00	10.64	
PERIOD		0.00070	ug/m^3	r	640471.40	4179791.88	10.57	0.00	10.57	
PERIOD		0.00074	ug/m^3	r	640443.73	4179783.09	10.83	0.00	10.83	
PERIOD		0.00065	ug/m^3	r	640490.06	4179808.83	10.59	0.00	10.59	
PERIOD		0.00080	ug/m^3	r	640298.17	4179708.55	10.87	0.00	10.87	
PERIOD		0.00273	ug/m^3	r	642150.64	4181339.61	4.85	0.00	4.85	
PERIOD		0.00253	ug/m^3	r	642186.00	4181418.01	7.29	0.00	7.29	
PERIOD		0.00233	ug/m^3	r	642076.74	4181423.01	4.93	0.00	4.93	
PERIOD		0.00229	ug/m^3	r	642050.52	4181423.14	4.58	0.00	4.58	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00226	ug/m^3	r	642015.47	4181420.37	4.60	0.00	4.60	
PERIOD		0.00218	ug/m^3	r	642015.07	4181445.02	4.71	0.00	4.71	
PERIOD		0.00361	ug/m^3	r	642806.07	4181128.16	4.97	0.00	4.97	
PERIOD		0.00208	ug/m^3	r	643211.49	4181300.90	4.80	0.00	4.80	
PERIOD		0.00204	ug/m^3	r	643199.12	4181323.37	4.79	0.00	4.79	
PERIOD		0.00197	ug/m^3	r	643298.61	4181300.90	4.44	0.00	4.44	
PERIOD		0.00191	ug/m^3	r	643326.13	4181311.50	4.53	0.00	4.53	
PERIOD		0.00188	ug/m^3	r	643346.84	4181318.07	4.50	0.00	4.50	
PERIOD		0.00184	ug/m^3	r	643321.08	4181355.19	5.00	0.00	5.00	
PERIOD		0.00209	ug/m^3	r	643007.36	4181415.17	5.45	0.00	5.45	
PERIOD		0.00189	ug/m^3	r	643051.46	4181483.78	5.49	0.00	5.49	
PERIOD		0.00178	ug/m^3	r	643044.62	4181536.90	5.24	0.00	5.24	
PERIOD		0.00143	ug/m^3	r	643074.82	4181735.00	4.31	0.00	4.31	
PERIOD		0.00102	ug/m^3	r	643086.22	4182094.01	4.58	0.00	4.58	
PERIOD		0.00101	ug/m^3	r	643112.32	4182105.50	4.56	0.00	4.56	
PERIOD		0.00097	ug/m^3	r	643546.53	4181985.18	4.06	0.00	4.06	
PERIOD		0.00097	ug/m^3	r	643513.62	4181994.64	3.90	0.00	3.90	
PERIOD		0.00094	ug/m^3	r	643562.16	4182026.32	4.07	0.00	4.07	
PERIOD		0.00095	ug/m^3	r	643691.88	4181951.64	4.69	0.00	4.69	
PERIOD		0.00082	ug/m^3	r	644094.39	4181935.13	4.86	0.00	4.86	
PERIOD		0.00082	ug/m^3	r	644141.12	4181899.90	4.90	0.00	4.90	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00077	ug/m^3	r	644267.45	4181934.22	4.95	0.00	4.95	
PERIOD		0.00076	ug/m^3	r	644287.49	4181943.88	4.85	0.00	4.85	
PERIOD		0.00075	ug/m^3	r	644292.76	4181965.65	4.78	0.00	4.78	
PERIOD		0.00073	ug/m^3	r	644292.05	4182056.81	6.89	0.00	6.89	
PERIOD		0.00138	ug/m^3	r	642259.02	4181880.67	7.16	0.00	7.16	
PERIOD		0.00131	ug/m^3	r	642310.80	4181936.64	7.27	0.00	7.27	
PERIOD		0.00128	ug/m^3	r	642273.02	4181956.93	7.39	0.00	7.39	
PERIOD		0.00112	ug/m^3	r	642495.22	4182060.53	5.17	0.00	5.17	
PERIOD		0.00105	ug/m^3	r	642520.63	4182128.95	4.82	0.00	4.82	
PERIOD		0.00103	ug/m^3	r	642460.07	4182152.93	4.89	0.00	4.89	
PERIOD		0.00101	ug/m^3	r	642395.94	4182171.85	4.89	0.00	4.89	
PERIOD		0.00100	ug/m^3	r	642354.64	4182180.55	4.85	0.00	4.85	
PERIOD		0.00099	ug/m^3	r	642309.47	4182187.07	4.89	0.00	4.89	
PERIOD		0.00098	ug/m^3	r	642280.75	4182195.60	5.04	0.00	5.04	
PERIOD		0.00093	ug/m^3	r	642284.96	4182251.52	5.06	0.00	5.06	
PERIOD		0.00092	ug/m^3	r	642294.26	4182270.05	5.02	0.00	5.02	
PERIOD		0.00086	ug/m^3	r	642091.45	4182315.72	5.07	0.00	5.07	
PERIOD		0.00081	ug/m^3	r	641887.74	4182399.30	5.07	0.00	5.07	
PERIOD		0.00089	ug/m^3	r	641273.71	4181787.58	6.87	0.00	6.87	
PERIOD		0.00092	ug/m^3	r	641291.66	4181761.78	6.62	0.00	6.62	
PERIOD		0.00118	ug/m^3	r	641217.11	4181351.16	5.94	0.00	5.94	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Operations Mitigated DPM\Tracy Alliance Phase 1 Operations Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00070	ug/m^3	r	640660.60	4181335.03	6.14	0.00	6.14	
PERIOD		0.00078	ug/m^3	r	640788.06	4181343.64	5.94	0.00	5.94	
PERIOD		0.00079	ug/m^3	r	640803.39	4181338.45	5.94	0.00	5.94	
PERIOD		0.00067	ug/m^3	r	640649.98	4181397.27	5.41	0.00	5.41	
PERIOD		0.00048	ug/m^3	r	640648.73	4182240.43	4.11	0.00	4.11	
PERIOD		0.00051	ug/m^3	r	640586.47	4181956.43	4.05	0.00	4.05	
PERIOD		0.00050	ug/m^3	r	640547.21	4181955.64	4.18	0.00	4.18	
PERIOD		0.00280	ug/m^3	r	643437.92	4180843.06	2.54	0.00	2.54	
PERIOD		0.00268	ug/m^3	r	643481.97	4180898.97	2.54	0.00	2.54	
PERIOD		0.00288	ug/m^3	r	643433.96	4180777.27	2.63	0.00	2.63	
PERIOD		0.00236	ug/m^3	r	643661.26	4180799.81	3.40	0.00	3.40	
PERIOD		0.00286	ug/m^3	r	643358.63	4179948.56	7.24	0.00	7.24	
PERIOD		0.00285	ug/m^3	r	643364.90	4179934.14	7.30	0.00	7.30	
PERIOD		0.00294	ug/m^3	r	643369.06	4180042.08	8.11	0.00	8.11	
PERIOD		0.00269	ug/m^3	r	643467.43	4180035.35	8.23	0.00	8.23	
PERIOD		0.00314	ug/m^3	r	643303.09	4180066.52	6.80	0.00	6.80	
PERIOD		0.00325	ug/m^3	r	643292.53	4180113.09	6.82	0.00	6.82	
PERIOD		0.00303	ug/m^3	r	643351.83	4180094.85	6.59	0.00	6.59	
PERIOD		0.00276	ug/m^3	r	643450.64	4180097.01	6.22	0.00	6.22	
PERIOD		0.00268	ug/m^3	r	643491.34	4180094.80	7.11	0.00	7.11	
PERIOD		0.00313	ug/m^3	r	643349.76	4180163.14	6.28	0.00	6.28	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Operations Mitigated DPM\Tracy Alliance Phase 1 Operations Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00303	ug/m^3	r	643408.25	4180231.85	5.77	0.00	5.77	
PERIOD		0.00289	ug/m^3	r	643467.32	4180253.70	5.80	0.00	5.80	
PERIOD		0.00276	ug/m^3	r	643521.65	4180278.59	5.50	0.00	5.50	
PERIOD		0.00265	ug/m^3	r	643572.31	4180303.75	5.37	0.00	5.37	
PERIOD		0.00278	ug/m^3	r	643533.46	4180366.45	5.09	0.00	5.09	
PERIOD		0.00264	ug/m^3	r	643621.79	4180419.99	8.03	0.00	8.03	
PERIOD		0.00247	ug/m^3	r	643700.62	4180460.54	7.92	0.00	7.92	
PERIOD		0.00215	ug/m^3	r	643875.45	4180553.54	7.92	0.00	7.92	
PERIOD		0.00336	ug/m^3	r	643262.17	4179872.86	7.65	0.00	7.65	
PERIOD		0.00059	ug/m^3	r	644358.55	4178997.60	8.74	0.00	8.74	
PERIOD		0.00066	ug/m^3	r	644360.03	4179117.34	8.37	0.00	8.37	
PERIOD		0.00065	ug/m^3	r	644400.66	4179118.33	8.38	0.00	8.38	
PERIOD		0.00069	ug/m^3	r	644391.43	4179183.34	8.30	0.00	8.30	
PERIOD		0.00073	ug/m^3	r	644346.19	4179235.67	8.00	0.00	8.00	
PERIOD		0.00077	ug/m^3	r	644358.03	4179295.58	7.62	0.00	7.62	
PERIOD		0.00080	ug/m^3	r	644377.37	4179348.51	7.39	0.00	7.39	
PERIOD		0.00087	ug/m^3	r	644370.04	4179426.85	7.14	0.00	7.14	
PERIOD		0.00091	ug/m^3	r	644366.28	4179467.77	6.98	0.00	6.98	
PERIOD		0.00100	ug/m^3	r	644392.01	4179558.11	6.89	0.00	6.89	
PERIOD		0.00099	ug/m^3	r	644363.59	4179543.35	6.81	0.00	6.81	
PERIOD		0.00110	ug/m^3	r	644353.27	4179624.50	6.82	0.00	6.82	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00125	ug/m^3	r	644348.20	4179699.91	6.66	0.00	6.66	
PERIOD		0.00163	ug/m^3	r	644350.67	4179777.56	6.55	0.00	6.55	
PERIOD		0.00439	ug/m^3	s	643056.95	4179847.93	8.07	0.00	8.07	
PERIOD		0.00405	ug/m^3	s	643249.62	4179856.27	7.72	0.00	7.72	
PERIOD		0.00318	ug/m^3	s	643244.70	4179977.45	7.48	0.00	7.48	
PERIOD		0.00297	ug/m^3	s	643320.11	4179981.67	7.10	0.00	7.10	
PERIOD		0.00307	ug/m^3	s	643317.62	4180052.81	6.83	0.00	6.83	
PERIOD		0.00406	ug/m^3	s	643048.31	4180042.53	7.22	0.00	7.22	
PERIOD		0.00438	ug/m^3	s	643061.89	4179848.14	7.88	0.00	7.88	
PERIOD		0.00435	ug/m^3	s	643066.83	4179848.36	7.82	0.00	7.82	
PERIOD		0.00434	ug/m^3	s	643071.77	4179848.57	7.83	0.00	7.83	
PERIOD		0.00432	ug/m^3	s	643076.71	4179848.79	7.80	0.00	7.80	
PERIOD		0.00431	ug/m^3	s	643081.65	4179849.00	7.76	0.00	7.76	
PERIOD		0.00430	ug/m^3	s	643086.59	4179849.21	7.74	0.00	7.74	
PERIOD		0.00429	ug/m^3	s	643091.53	4179849.43	7.72	0.00	7.72	
PERIOD		0.00428	ug/m^3	s	643096.47	4179849.64	7.71	0.00	7.71	
PERIOD		0.00427	ug/m^3	s	643101.41	4179849.85	7.70	0.00	7.70	
PERIOD		0.00426	ug/m^3	s	643106.35	4179850.07	7.70	0.00	7.70	
PERIOD		0.00425	ug/m^3	s	643111.29	4179850.28	7.73	0.00	7.73	
PERIOD		0.00424	ug/m^3	s	643116.23	4179850.50	7.74	0.00	7.74	
PERIOD		0.00423	ug/m^3	s	643121.17	4179850.71	7.75	0.00	7.75	

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00423	ug/m^3	s	643126.11	4179850.92	7.75	0.00	7.75	
PERIOD		0.00423	ug/m^3	s	643131.05	4179851.14	7.75	0.00	7.75	
PERIOD		0.00422	ug/m^3	s	643135.99	4179851.35	7.76	0.00	7.76	
PERIOD		0.00420	ug/m^3	s	643140.93	4179851.57	7.75	0.00	7.75	
PERIOD		0.00419	ug/m^3	s	643145.87	4179851.78	7.74	0.00	7.74	
PERIOD		0.00418	ug/m^3	s	643150.81	4179851.99	7.77	0.00	7.77	
PERIOD		0.00418	ug/m^3	s	643155.76	4179852.21	7.81	0.00	7.81	
PERIOD		0.00417	ug/m^3	s	643160.70	4179852.42	7.85	0.00	7.85	
PERIOD		0.00417	ug/m^3	s	643165.64	4179852.63	7.87	0.00	7.87	
PERIOD		0.00416	ug/m^3	s	643170.58	4179852.85	7.88	0.00	7.88	
PERIOD		0.00415	ug/m^3	s	643175.52	4179853.06	7.87	0.00	7.87	
PERIOD		0.00414	ug/m^3	s	643180.46	4179853.28	7.87	0.00	7.87	
PERIOD		0.00413	ug/m^3	s	643185.40	4179853.49	7.88	0.00	7.88	
PERIOD		0.00412	ug/m^3	s	643190.34	4179853.70	7.87	0.00	7.87	
PERIOD		0.00412	ug/m^3	s	643195.28	4179853.92	7.87	0.00	7.87	
PERIOD		0.00412	ug/m^3	s	643200.22	4179854.13	7.86	0.00	7.86	
PERIOD		0.00412	ug/m^3	s	643205.16	4179854.35	7.86	0.00	7.86	
PERIOD		0.00410	ug/m^3	s	643210.10	4179854.56	7.86	0.00	7.86	
PERIOD		0.00408	ug/m^3	s	643215.04	4179854.77	7.85	0.00	7.85	
PERIOD		0.00409	ug/m^3	s	643219.98	4179854.99	7.83	0.00	7.83	
PERIOD		0.00408	ug/m^3	s	643224.92	4179855.20	7.82	0.00	7.82	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00407	ug/m^3	s	643229.86	4179855.41	7.80	0.00	7.80	
PERIOD		0.00407	ug/m^3	s	643234.80	4179855.63	7.79	0.00	7.79	
PERIOD		0.00406	ug/m^3	s	643239.74	4179855.84	7.77	0.00	7.77	
PERIOD		0.00406	ug/m^3	s	643244.68	4179856.06	7.74	0.00	7.74	
PERIOD		0.00370	ug/m^3	s	643249.42	4179861.12	7.68	0.00	7.68	
PERIOD		0.00351	ug/m^3	s	643249.23	4179865.96	7.67	0.00	7.67	
PERIOD		0.00341	ug/m^3	s	643249.03	4179870.81	7.66	0.00	7.66	
PERIOD		0.00334	ug/m^3	s	643248.83	4179875.66	7.65	0.00	7.65	
PERIOD		0.00329	ug/m^3	s	643248.64	4179880.51	7.64	0.00	7.64	
PERIOD		0.00325	ug/m^3	s	643248.44	4179885.35	7.63	0.00	7.63	
PERIOD		0.00322	ug/m^3	s	643248.24	4179890.20	7.63	0.00	7.63	
PERIOD		0.00320	ug/m^3	s	643248.05	4179895.05	7.63	0.00	7.63	
PERIOD		0.00318	ug/m^3	s	643247.85	4179899.89	7.63	0.00	7.63	
PERIOD		0.00317	ug/m^3	s	643247.65	4179904.74	7.64	0.00	7.64	
PERIOD		0.00316	ug/m^3	s	643247.46	4179909.59	7.64	0.00	7.64	
PERIOD		0.00315	ug/m^3	s	643247.26	4179914.44	7.66	0.00	7.66	
PERIOD		0.00315	ug/m^3	s	643247.06	4179919.28	7.69	0.00	7.69	
PERIOD		0.00315	ug/m^3	s	643246.86	4179924.13	7.71	0.00	7.71	
PERIOD		0.00314	ug/m^3	s	643246.67	4179928.98	7.67	0.00	7.67	
PERIOD		0.00314	ug/m^3	s	643246.47	4179933.83	7.64	0.00	7.64	
PERIOD		0.00315	ug/m^3	s	643246.27	4179938.67	7.62	0.00	7.62	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00315	ug/m^3	s	643246.08	4179943.52	7.59	0.00	7.59	
PERIOD		0.00315	ug/m^3	s	643245.88	4179948.37	7.56	0.00	7.56	
PERIOD		0.00315	ug/m^3	s	643245.68	4179953.21	7.53	0.00	7.53	
PERIOD		0.00316	ug/m^3	s	643245.49	4179958.06	7.50	0.00	7.50	
PERIOD		0.00316	ug/m^3	s	643245.29	4179962.91	7.48	0.00	7.48	
PERIOD		0.00317	ug/m^3	s	643245.09	4179967.76	7.48	0.00	7.48	
PERIOD		0.00318	ug/m^3	s	643244.90	4179972.60	7.48	0.00	7.48	
PERIOD		0.00317	ug/m^3	s	643249.41	4179977.71	7.48	0.00	7.48	
PERIOD		0.00316	ug/m^3	s	643254.13	4179977.98	7.45	0.00	7.45	
PERIOD		0.00314	ug/m^3	s	643258.84	4179978.24	7.42	0.00	7.42	
PERIOD		0.00311	ug/m^3	s	643268.27	4179978.77	7.32	0.00	7.32	
PERIOD		0.00310	ug/m^3	s	643272.98	4179979.03	7.28	0.00	7.28	
PERIOD		0.00309	ug/m^3	s	643277.69	4179979.30	7.23	0.00	7.23	
PERIOD		0.00307	ug/m^3	s	643282.41	4179979.56	7.19	0.00	7.19	
PERIOD		0.00306	ug/m^3	s	643287.12	4179979.82	7.15	0.00	7.15	
PERIOD		0.00305	ug/m^3	s	643291.83	4179980.09	7.11	0.00	7.11	
PERIOD		0.00303	ug/m^3	s	643296.54	4179980.35	7.08	0.00	7.08	
PERIOD		0.00302	ug/m^3	s	643301.26	4179980.62	7.07	0.00	7.07	
PERIOD		0.00301	ug/m^3	s	643305.97	4179980.88	7.07	0.00	7.07	
PERIOD		0.00299	ug/m^3	s	643310.68	4179981.14	7.07	0.00	7.07	
PERIOD		0.00298	ug/m^3	s	643315.40	4179981.41	7.08	0.00	7.08	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00298	ug/m^3	s	643319.94	4179986.41	7.15	0.00	7.15	
PERIOD		0.00298	ug/m^3	s	643319.78	4179991.16	7.11	0.00	7.11	
PERIOD		0.00299	ug/m^3	s	643319.61	4179995.90	7.07	0.00	7.07	
PERIOD		0.00299	ug/m^3	s	643319.45	4180000.64	7.04	0.00	7.04	
PERIOD		0.00300	ug/m^3	s	643319.28	4180005.38	7.01	0.00	7.01	
PERIOD		0.00301	ug/m^3	s	643319.11	4180010.13	6.98	0.00	6.98	
PERIOD		0.00301	ug/m^3	s	643318.95	4180014.87	6.96	0.00	6.96	
PERIOD		0.00302	ug/m^3	s	643318.78	4180019.61	6.94	0.00	6.94	
PERIOD		0.00303	ug/m^3	s	643318.62	4180024.35	6.93	0.00	6.93	
PERIOD		0.00303	ug/m^3	s	643318.45	4180029.10	6.92	0.00	6.92	
PERIOD		0.00304	ug/m^3	s	643318.28	4180033.84	6.92	0.00	6.92	
PERIOD		0.00305	ug/m^3	s	643318.12	4180038.58	6.91	0.00	6.91	
PERIOD		0.00306	ug/m^3	s	643317.95	4180043.32	6.88	0.00	6.88	
PERIOD		0.00306	ug/m^3	s	643317.79	4180048.07	6.84	0.00	6.84	
PERIOD		0.00309	ug/m^3	s	643312.63	4180052.62	6.84	0.00	6.84	
PERIOD		0.00310	ug/m^3	s	643307.65	4180052.43	6.88	0.00	6.88	
PERIOD		0.00312	ug/m^3	s	643302.66	4180052.24	6.93	0.00	6.93	
PERIOD		0.00313	ug/m^3	s	643297.67	4180052.05	6.97	0.00	6.97	
PERIOD		0.00315	ug/m^3	s	643292.68	4180051.86	7.02	0.00	7.02	
PERIOD		0.00317	ug/m^3	s	643287.70	4180051.67	7.07	0.00	7.07	
PERIOD		0.00318	ug/m^3	s	643282.71	4180051.48	7.13	0.00	7.13	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00320	ug/m^3	s	643277.72	4180051.29	7.17	0.00	7.17	
PERIOD		0.00323	ug/m^3	s	643267.75	4180050.91	7.19	0.00	7.19	
PERIOD		0.00324	ug/m^3	s	643262.76	4180050.72	7.16	0.00	7.16	
PERIOD		0.00326	ug/m^3	s	643257.77	4180050.53	7.07	0.00	7.07	
PERIOD		0.00327	ug/m^3	s	643252.79	4180050.34	7.04	0.00	7.04	
PERIOD		0.00329	ug/m^3	s	643247.80	4180050.14	7.02	0.00	7.02	
PERIOD		0.00330	ug/m^3	s	643242.81	4180049.95	7.02	0.00	7.02	
PERIOD		0.00332	ug/m^3	s	643237.82	4180049.76	7.04	0.00	7.04	
PERIOD		0.00334	ug/m^3	s	643232.84	4180049.57	7.10	0.00	7.10	
PERIOD		0.00336	ug/m^3	s	643227.85	4180049.38	7.16	0.00	7.16	
PERIOD		0.00337	ug/m^3	s	643222.86	4180049.19	7.23	0.00	7.23	
PERIOD		0.00339	ug/m^3	s	643217.88	4180049.00	7.25	0.00	7.25	
PERIOD		0.00341	ug/m^3	s	643212.89	4180048.81	7.27	0.00	7.27	
PERIOD		0.00343	ug/m^3	s	643207.90	4180048.62	7.28	0.00	7.28	
PERIOD		0.00344	ug/m^3	s	643202.91	4180048.43	7.29	0.00	7.29	
PERIOD		0.00346	ug/m^3	s	643197.93	4180048.24	7.30	0.00	7.30	
PERIOD		0.00348	ug/m^3	s	643192.94	4180048.05	7.29	0.00	7.29	
PERIOD		0.00350	ug/m^3	s	643187.95	4180047.86	7.29	0.00	7.29	
PERIOD		0.00351	ug/m^3	s	643182.97	4180047.67	7.28	0.00	7.28	
PERIOD		0.00353	ug/m^3	s	643177.98	4180047.48	7.28	0.00	7.28	
PERIOD		0.00355	ug/m^3	s	643172.99	4180047.29	7.28	0.00	7.28	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00357	ug/m^3	s	643168.00	4180047.10	7.27	0.00	7.27	
PERIOD		0.00359	ug/m^3	s	643163.02	4180046.91	7.26	0.00	7.26	
PERIOD		0.00360	ug/m^3	s	643158.03	4180046.72	7.24	0.00	7.24	
PERIOD		0.00362	ug/m^3	s	643153.04	4180046.53	7.22	0.00	7.22	
PERIOD		0.00364	ug/m^3	s	643148.05	4180046.34	7.19	0.00	7.19	
PERIOD		0.00366	ug/m^3	s	643143.07	4180046.15	7.17	0.00	7.17	
PERIOD		0.00368	ug/m^3	s	643138.08	4180045.96	7.14	0.00	7.14	
PERIOD		0.00370	ug/m^3	s	643133.09	4180045.77	7.11	0.00	7.11	
PERIOD		0.00372	ug/m^3	s	643128.11	4180045.58	7.10	0.00	7.10	
PERIOD		0.00374	ug/m^3	s	643123.12	4180045.39	7.09	0.00	7.09	
PERIOD		0.00376	ug/m^3	s	643118.13	4180045.20	7.10	0.00	7.10	
PERIOD		0.00378	ug/m^3	s	643113.14	4180045.00	7.11	0.00	7.11	
PERIOD		0.00380	ug/m^3	s	643108.16	4180044.81	7.11	0.00	7.11	
PERIOD		0.00382	ug/m^3	s	643103.17	4180044.62	7.13	0.00	7.13	
PERIOD		0.00384	ug/m^3	s	643098.18	4180044.43	7.14	0.00	7.14	
PERIOD		0.00386	ug/m^3	s	643093.20	4180044.24	7.15	0.00	7.15	
PERIOD		0.00388	ug/m^3	s	643088.21	4180044.05	7.15	0.00	7.15	
PERIOD		0.00390	ug/m^3	s	643083.22	4180043.86	7.15	0.00	7.15	
PERIOD		0.00393	ug/m^3	s	643078.23	4180043.67	7.16	0.00	7.16	
PERIOD		0.00395	ug/m^3	s	643073.25	4180043.48	7.16	0.00	7.16	
PERIOD		0.00397	ug/m^3	s	643068.26	4180043.29	7.16	0.00	7.16	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00399	ug/m^3	s	643063.27	4180043.10	7.16	0.00	7.16	
PERIOD		0.00402	ug/m^3	s	643058.28	4180042.91	7.17	0.00	7.17	
PERIOD		0.00404	ug/m^3	s	643053.30	4180042.72	7.19	0.00	7.19	
PERIOD		0.00405	ug/m^3	s	643048.53	4180037.54	7.23	0.00	7.23	
PERIOD		0.00403	ug/m^3	s	643048.75	4180032.55	7.23	0.00	7.23	
PERIOD		0.00401	ug/m^3	s	643048.97	4180027.56	7.20	0.00	7.20	
PERIOD		0.00399	ug/m^3	s	643049.20	4180022.57	7.17	0.00	7.17	
PERIOD		0.00398	ug/m^3	s	643049.42	4180017.58	7.17	0.00	7.17	
PERIOD		0.00396	ug/m^3	s	643049.64	4180012.59	7.16	0.00	7.16	
PERIOD		0.00394	ug/m^3	s	643049.86	4180007.60	7.17	0.00	7.17	
PERIOD		0.00393	ug/m^3	s	643050.08	4180002.61	7.17	0.00	7.17	
PERIOD		0.00391	ug/m^3	s	643050.30	4179997.62	7.19	0.00	7.19	
PERIOD		0.00390	ug/m^3	s	643050.53	4179992.63	7.21	0.00	7.21	
PERIOD		0.00388	ug/m^3	s	643050.75	4179987.64	7.21	0.00	7.21	
PERIOD		0.00387	ug/m^3	s	643050.97	4179982.65	7.21	0.00	7.21	
PERIOD		0.00385	ug/m^3	s	643051.19	4179977.66	7.23	0.00	7.23	
PERIOD		0.00384	ug/m^3	s	643051.41	4179972.67	7.26	0.00	7.26	
PERIOD		0.00382	ug/m^3	s	643051.63	4179967.68	7.31	0.00	7.31	
PERIOD		0.00381	ug/m^3	s	643051.85	4179962.69	7.37	0.00	7.37	
PERIOD		0.00380	ug/m^3	s	643052.08	4179957.70	7.48	0.00	7.48	
PERIOD		0.00379	ug/m^3	s	643052.30	4179952.71	7.61	0.00	7.61	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00378	ug/m^3	s	643052.52	4179947.72	7.67	0.00	7.67	
PERIOD		0.00377	ug/m^3	s	643052.74	4179942.74	7.70	0.00	7.70	
PERIOD		0.00376	ug/m^3	s	643052.96	4179937.75	7.73	0.00	7.73	
PERIOD		0.00375	ug/m^3	s	643053.18	4179932.76	7.75	0.00	7.75	
PERIOD		0.00374	ug/m^3	s	643053.41	4179927.77	7.77	0.00	7.77	
PERIOD		0.00373	ug/m^3	s	643053.63	4179922.78	7.80	0.00	7.80	
PERIOD		0.00373	ug/m^3	s	643053.85	4179917.79	7.83	0.00	7.83	
PERIOD		0.00372	ug/m^3	s	643054.07	4179912.80	7.87	0.00	7.87	
PERIOD		0.00372	ug/m^3	s	643054.29	4179907.81	7.90	0.00	7.90	
PERIOD		0.00372	ug/m^3	s	643054.51	4179902.82	7.92	0.00	7.92	
PERIOD		0.00372	ug/m^3	s	643054.73	4179897.83	7.94	0.00	7.94	
PERIOD		0.00372	ug/m^3	s	643054.96	4179892.84	7.96	0.00	7.96	
PERIOD		0.00373	ug/m^3	s	643055.18	4179887.85	7.97	0.00	7.97	
PERIOD		0.00374	ug/m^3	s	643055.40	4179882.86	7.96	0.00	7.96	
PERIOD		0.00375	ug/m^3	s	643055.62	4179877.87	7.95	0.00	7.95	
PERIOD		0.00378	ug/m^3	s	643055.84	4179872.88	7.94	0.00	7.94	
PERIOD		0.00382	ug/m^3	s	643056.06	4179867.89	7.95	0.00	7.95	
PERIOD		0.00388	ug/m^3	r	643056.29	4179862.90	7.98	0.00	7.98	
PERIOD		0.00398	ug/m^3	r	643056.51	4179857.91	8.01	0.00	8.01	
PERIOD		0.00414	ug/m^3	r	643056.73	4179852.92	8.03	0.00	8.03	
PERIOD		0.00109	ug/m^3	r	644709.80	4181175.99	5.24	0.00	5.24	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00133	ug/m^3	r	643845.20	4181463.75	7.71	0.00	7.71	
PERIOD		0.00153	ug/m^3	r	644330.00	4180865.21	4.60	0.00	4.60	
PERIOD		0.00143	ug/m^3	r	644452.33	4180865.29	5.27	0.00	5.27	
PERIOD		0.00138	ug/m^3	r	644512.10	4180798.27	7.93	0.00	7.93	
PERIOD		0.00152	ug/m^3	r	644319.84	4180764.59	4.35	0.00	4.35	
PERIOD		0.00154	ug/m^3	r	644308.04	4180746.23	4.90	0.00	4.90	
PERIOD		0.00174	ug/m^3	r	644138.04	4180612.81	5.41	0.00	5.41	
PERIOD		0.00109	ug/m^3	r	644879.84	4180073.43	6.41	0.00	6.41	
PERIOD		0.00111	ug/m^3	r	644852.72	4180057.70	6.58	0.00	6.58	
PERIOD		0.00113	ug/m^3	r	644815.58	4180084.08	6.54	0.00	6.54	
PERIOD		0.00148	ug/m^3	r	644434.45	4179763.78	6.41	0.00	6.41	
PERIOD		0.00139	ug/m^3	r	644480.49	4179753.87	6.37	0.00	6.37	
PERIOD		0.00138	ug/m^3	r	644533.82	4179754.07	6.24	0.00	6.24	
PERIOD		0.00136	ug/m^3	r	644572.15	4179751.45	6.22	0.00	6.22	
PERIOD		0.00134	ug/m^3	r	644614.87	4179749.47	6.36	0.00	6.36	
PERIOD		0.00130	ug/m^3	r	644666.65	4179744.39	6.25	0.00	6.25	
PERIOD		0.00127	ug/m^3	r	644709.75	4179741.55	6.42	0.00	6.42	
PERIOD		0.00108	ug/m^3	r	644654.65	4179684.42	6.98	0.00	6.98	
PERIOD		0.00127	ug/m^3	r	644756.54	4179741.37	6.28	0.00	6.28	
PERIOD		0.00122	ug/m^3	r	644802.88	4179734.95	6.43	0.00	6.43	
PERIOD		0.00104	ug/m^3	r	644438.45	4179613.05	6.74	0.00	6.74	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00112	ug/m^3	r	644419.90	4179655.61	6.44	0.00	6.44	
PERIOD		0.00097	ug/m^3	r	644515.31	4179578.76	6.95	0.00	6.95	
PERIOD		0.00099	ug/m^3	r	644568.92	4179611.72	6.77	0.00	6.77	
PERIOD		0.00096	ug/m^3	r	644632.74	4179604.09	6.97	0.00	6.97	
PERIOD		0.00099	ug/m^3	r	644622.52	4179628.84	6.75	0.00	6.75	
PERIOD		0.00097	ug/m^3	r	644692.02	4179626.72	6.77	0.00	6.77	
PERIOD		0.00095	ug/m^3	r	644715.72	4179622.20	6.74	0.00	6.74	
PERIOD		0.00089	ug/m^3	r	644736.91	4179575.92	6.98	0.00	6.98	
PERIOD		0.00119	ug/m^3	r	644896.13	4179734.33	6.68	0.00	6.68	
PERIOD		0.00098	ug/m^3	r	644890.29	4179678.94	6.88	0.00	6.88	
PERIOD		0.00091	ug/m^3	r	644870.72	4179630.27	6.88	0.00	6.88	
PERIOD		0.00086	ug/m^3	r	644844.88	4179581.26	6.89	0.00	6.89	
PERIOD		0.00082	ug/m^3	r	644811.63	4179524.16	7.12	0.00	7.12	
PERIOD		0.00076	ug/m^3	r	644888.52	4179486.80	7.31	0.00	7.31	
PERIOD		0.00075	ug/m^3	r	644843.91	4179447.63	7.35	0.00	7.35	
PERIOD		0.00078	ug/m^3	r	644751.04	4179453.34	7.24	0.00	7.24	
PERIOD		0.00077	ug/m^3	r	644687.08	4179421.77	7.25	0.00	7.25	
PERIOD		0.00075	ug/m^3	r	644651.04	4179382.11	7.43	0.00	7.43	
PERIOD		0.00072	ug/m^3	r	644781.49	4179374.57	7.52	0.00	7.52	
PERIOD		0.00087	ug/m^3	r	644638.75	4179524.00	6.77	0.00	6.77	
PERIOD		0.00086	ug/m^3	r	644704.20	4179540.46	7.02	0.00	7.02	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00070	ug/m^3	r	644720.05	4179331.30	7.66	0.00	7.66	
PERIOD		0.00069	ug/m^3	r	644652.73	4179276.83	7.82	0.00	7.82	
PERIOD		0.00071	ug/m^3	r	644594.69	4179286.60	7.81	0.00	7.81	
PERIOD		0.00073	ug/m^3	r	644553.55	4179307.88	8.03	0.00	8.03	
PERIOD		0.00077	ug/m^3	r	644582.85	4179385.45	7.42	0.00	7.42	
PERIOD		0.00085	ug/m^3	r	644547.59	4179463.84	7.26	0.00	7.26	
PERIOD		0.00090	ug/m^3	r	644587.96	4179533.53	6.99	0.00	6.99	
PERIOD		0.00092	ug/m^3	r	644464.69	4179511.51	7.11	0.00	7.11	
PERIOD		0.00085	ug/m^3	r	644458.51	4179430.01	7.27	0.00	7.27	
PERIOD		0.00086	ug/m^3	r	644481.84	4179451.80	7.24	0.00	7.24	
PERIOD		0.00076	ug/m^3	r	644511.17	4179343.07	7.49	0.00	7.49	
PERIOD		0.00069	ug/m^3	r	644422.52	4179188.89	8.22	0.00	8.22	
PERIOD		0.00068	ug/m^3	r	644494.33	4179201.46	8.16	0.00	8.16	
PERIOD		0.00065	ug/m^3	r	644536.24	4179160.11	8.33	0.00	8.33	
PERIOD		0.00063	ug/m^3	r	644510.90	4179123.08	8.42	0.00	8.42	
PERIOD		0.00064	ug/m^3	r	644479.20	4179133.58	8.35	0.00	8.35	
PERIOD		0.00065	ug/m^3	r	644448.31	4179129.95	8.47	0.00	8.47	
PERIOD		0.00068	ug/m^3	r	644452.76	4179185.46	8.12	0.00	8.12	
PERIOD		0.00027	ug/m^3	r	644819.26	4178110.75	12.44	0.00	12.44	
PERIOD		0.00029	ug/m^3	r	644432.02	4178184.01	11.91	0.00	11.91	
PERIOD		0.00030	ug/m^3	r	643789.26	4178237.48	13.01	0.00	13.01	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00021	ug/m^3	r	643119.53	4178034.41	14.98	0.00	14.98	
PERIOD		0.00010	ug/m^3	r	640400.83	4178086.93	15.28	0.00	15.28	
PERIOD		0.00041	ug/m^3	r	640651.52	4182600.78	6.74	0.00	6.74	
PERIOD		0.00039	ug/m^3	r	640381.96	4182411.74	4.34	0.00	4.34	
PERIOD		0.00045	ug/m^3	r	640647.52	4182373.39	4.00	0.00	4.00	
PERIOD		0.00047	ug/m^3	r	640650.54	4182298.58	4.20	0.00	4.20	
PERIOD		0.00043	ug/m^3	r	641085.45	4182754.82	4.65	0.00	4.65	
PERIOD		0.00046	ug/m^3	r	641137.09	4182713.73	4.54	0.00	4.54	
PERIOD		0.00061	ug/m^3	r	644304.24	4182367.65	3.81	0.00	3.81	
PERIOD		0.00060	ug/m^3	r	644313.47	4182401.60	3.57	0.00	3.57	
PERIOD		0.00055	ug/m^3	r	644346.08	4182544.35	3.82	0.00	3.82	
PERIOD		0.00054	ug/m^3	r	644342.13	4182579.51	3.77	0.00	3.77	
PERIOD		0.00057	ug/m^3	r	644298.15	4182492.21	3.32	0.00	3.32	
PERIOD		0.00375	ug/m^3	w	641852.53	4179800.57	10.29	0.00	10.29	
PERIOD		0.00542	ug/m^3	w	641877.53	4179800.57	10.40	0.00	10.40	
PERIOD		0.00716	ug/m^3	w	641902.53	4179800.57	10.20	0.00	10.20	
PERIOD		0.01009	ug/m^3	w	641927.53	4179800.57	10.36	0.00	10.36	
PERIOD		0.01173	ug/m^3	w	641952.53	4179800.57	10.15	0.00	10.15	
PERIOD		0.01314	ug/m^3	w	641977.53	4179800.57	10.28	0.00	10.28	
PERIOD		0.01402	ug/m^3	w	642002.53	4179800.57	10.23	0.00	10.23	
PERIOD		0.01477	ug/m^3	w	642027.53	4179800.57	10.23	0.00	10.23	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01529	ug/m^3	w	642052.53	4179800.57	10.18	0.00	10.18	
PERIOD		0.01584	ug/m^3	w	642077.53	4179800.57	10.28	0.00	10.28	
PERIOD		0.01610	ug/m^3	w	642102.53	4179800.57	10.26	0.00	10.26	
PERIOD		0.01633	ug/m^3	w	642127.53	4179800.57	10.25	0.00	10.25	
PERIOD		0.01648	ug/m^3	w	642152.53	4179800.57	10.25	0.00	10.25	
PERIOD		0.01659	ug/m^3	w	642177.53	4179800.57	10.38	0.00	10.38	
PERIOD		0.01658	ug/m^3	w	642202.53	4179800.57	10.45	0.00	10.45	
PERIOD		0.01654	ug/m^3	w	642227.53	4179800.57	10.47	0.00	10.47	
PERIOD		0.01713	ug/m^3	w	642252.53	4179800.57	10.47	0.00	10.47	
PERIOD		0.01709	ug/m^3	w	642277.53	4179800.57	10.49	0.00	10.49	
PERIOD		0.01604	ug/m^3	w	642302.53	4179800.57	10.50	0.00	10.50	
PERIOD		0.01417	ug/m^3	w	642327.53	4179800.57	10.51	0.00	10.51	
PERIOD		0.01279	ug/m^3	w	642352.53	4179800.57	10.51	0.00	10.51	
PERIOD		0.01165	ug/m^3	w	642377.53	4179800.57	10.59	0.00	10.59	
PERIOD		0.01081	ug/m^3	w	642402.53	4179800.57	10.61	0.00	10.61	
PERIOD		0.00999	ug/m^3	w	642427.53	4179800.57	10.61	0.00	10.61	
PERIOD		0.00922	ug/m^3	w	642452.53	4179800.57	10.60	0.00	10.60	
PERIOD		0.00850	ug/m^3	w	642477.53	4179800.57	10.63	0.00	10.63	
PERIOD		0.00794	ug/m^3	w	642502.53	4179800.57	10.56	0.00	10.56	
PERIOD		0.00745	ug/m^3	w	642527.53	4179800.57	10.44	0.00	10.44	
PERIOD		0.00701	ug/m^3	w	642552.53	4179800.57	10.36	0.00	10.36	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00667	ug/m^3	w	642577.53	4179800.57	10.23	0.00	10.23	
PERIOD		0.00413	ug/m^3	w	641852.53	4179825.57	10.43	0.00	10.43	
PERIOD		0.00624	ug/m^3	w	641877.53	4179825.57	10.49	0.00	10.49	
PERIOD		0.00834	ug/m^3	w	641902.53	4179825.57	10.30	0.00	10.30	
PERIOD		0.01155	ug/m^3	w	641927.53	4179825.57	10.49	0.00	10.49	
PERIOD		0.01355	ug/m^3	w	641952.53	4179825.57	10.16	0.00	10.16	
PERIOD		0.01521	ug/m^3	w	641977.53	4179825.57	10.17	0.00	10.17	
PERIOD		0.01644	ug/m^3	w	642002.53	4179825.57	10.15	0.00	10.15	
PERIOD		0.01732	ug/m^3	w	642027.53	4179825.57	10.09	0.00	10.09	
PERIOD		0.01802	ug/m^3	w	642052.53	4179825.57	10.06	0.00	10.06	
PERIOD		0.01856	ug/m^3	w	642077.53	4179825.57	10.02	0.00	10.02	
PERIOD		0.01899	ug/m^3	w	642102.53	4179825.57	9.99	0.00	9.99	
PERIOD		0.01933	ug/m^3	w	642127.53	4179825.57	9.95	0.00	9.95	
PERIOD		0.01958	ug/m^3	w	642152.53	4179825.57	9.91	0.00	9.91	
PERIOD		0.01972	ug/m^3	w	642177.53	4179825.57	9.87	0.00	9.87	
PERIOD		0.01978	ug/m^3	w	642202.53	4179825.57	9.83	0.00	9.83	
PERIOD		0.01977	ug/m^3	w	642227.53	4179825.57	9.80	0.00	9.80	
PERIOD		0.01961	ug/m^3	w	642252.53	4179825.57	9.81	0.00	9.81	
PERIOD		0.01903	ug/m^3	w	642277.53	4179825.57	9.83	0.00	9.83	
PERIOD		0.01777	ug/m^3	w	642302.53	4179825.57	9.82	0.00	9.82	
PERIOD		0.01481	ug/m^3	w	642327.53	4179825.57	9.73	0.00	9.73	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01273	ug/m^3	w	642352.53	4179825.57	9.73	0.00	9.73	
PERIOD		0.01118	ug/m^3	w	642377.53	4179825.57	9.72	0.00	9.72	
PERIOD		0.01011	ug/m^3	w	642402.53	4179825.57	9.72	0.00	9.72	
PERIOD		0.00931	ug/m^3	w	642427.53	4179825.57	9.74	0.00	9.74	
PERIOD		0.00872	ug/m^3	w	642452.53	4179825.57	9.77	0.00	9.77	
PERIOD		0.00821	ug/m^3	w	642477.53	4179825.57	9.79	0.00	9.79	
PERIOD		0.00776	ug/m^3	w	642502.53	4179825.57	9.78	0.00	9.78	
PERIOD		0.00745	ug/m^3	w	642527.53	4179825.57	9.79	0.00	9.79	
PERIOD		0.00714	ug/m^3	w	642552.53	4179825.57	9.81	0.00	9.81	
PERIOD		0.00691	ug/m^3	w	642577.53	4179825.57	9.81	0.00	9.81	
PERIOD		0.00459	ug/m^3	w	641852.53	4179850.57	10.44	0.00	10.44	
PERIOD		0.00696	ug/m^3	w	641877.53	4179850.57	10.52	0.00	10.52	
PERIOD		0.00928	ug/m^3	w	641902.53	4179850.57	10.38	0.00	10.38	
PERIOD		0.01239	ug/m^3	w	641927.53	4179850.57	10.16	0.00	10.16	
PERIOD		0.01471	ug/m^3	w	641952.53	4179850.57	10.13	0.00	10.13	
PERIOD		0.01644	ug/m^3	w	641977.53	4179850.57	10.07	0.00	10.07	
PERIOD		0.01785	ug/m^3	w	642002.53	4179850.57	10.05	0.00	10.05	
PERIOD		0.01902	ug/m^3	w	642027.53	4179850.57	10.04	0.00	10.04	
PERIOD		0.01995	ug/m^3	w	642052.53	4179850.57	10.03	0.00	10.03	
PERIOD		0.02070	ug/m^3	w	642077.53	4179850.57	10.03	0.00	10.03	
PERIOD		0.02127	ug/m^3	w	642102.53	4179850.57	10.01	0.00	10.01	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02169	ug/m^3	w	642127.53	4179850.57	9.97	0.00	9.97	
PERIOD		0.02199	ug/m^3	w	642152.53	4179850.57	9.92	0.00	9.92	
PERIOD		0.02215	ug/m^3	w	642177.53	4179850.57	9.88	0.00	9.88	
PERIOD		0.02218	ug/m^3	w	642202.53	4179850.57	9.83	0.00	9.83	
PERIOD		0.02211	ug/m^3	w	642227.53	4179850.57	9.80	0.00	9.80	
PERIOD		0.02185	ug/m^3	w	642252.53	4179850.57	9.79	0.00	9.79	
PERIOD		0.02096	ug/m^3	w	642277.53	4179850.57	9.72	0.00	9.72	
PERIOD		0.01947	ug/m^3	w	642302.53	4179850.57	9.73	0.00	9.73	
PERIOD		0.01627	ug/m^3	w	642327.53	4179850.57	9.67	0.00	9.67	
PERIOD		0.01386	ug/m^3	w	642352.53	4179850.57	9.65	0.00	9.65	
PERIOD		0.01204	ug/m^3	w	642377.53	4179850.57	9.65	0.00	9.65	
PERIOD		0.01076	ug/m^3	w	642402.53	4179850.57	9.63	0.00	9.63	
PERIOD		0.00979	ug/m^3	w	642427.53	4179850.57	9.63	0.00	9.63	
PERIOD		0.00903	ug/m^3	w	642452.53	4179850.57	9.63	0.00	9.63	
PERIOD		0.00840	ug/m^3	w	642477.53	4179850.57	9.61	0.00	9.61	
PERIOD		0.00788	ug/m^3	w	642502.53	4179850.57	9.58	0.00	9.58	
PERIOD		0.00742	ug/m^3	w	642527.53	4179850.57	9.54	0.00	9.54	
PERIOD		0.00704	ug/m^3	w	642552.53	4179850.57	9.51	0.00	9.51	
PERIOD		0.00670	ug/m^3	w	642577.53	4179850.57	9.43	0.00	9.43	
PERIOD		0.00501	ug/m^3	w	641852.53	4179875.57	10.09	0.00	10.09	
PERIOD		0.00761	ug/m^3	w	641877.53	4179875.57	10.38	0.00	10.38	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00995	ug/m^3	w	641902.53	4179875.57	10.16	0.00	10.16	
PERIOD		0.01269	ug/m^3	w	641927.53	4179875.57	9.71	0.00	9.71	
PERIOD		0.01507	ug/m^3	w	641952.53	4179875.57	9.68	0.00	9.68	
PERIOD		0.01720	ug/m^3	w	641977.53	4179875.57	9.84	0.00	9.84	
PERIOD		0.01869	ug/m^3	w	642002.53	4179875.57	9.81	0.00	9.81	
PERIOD		0.01989	ug/m^3	w	642027.53	4179875.57	9.76	0.00	9.76	
PERIOD		0.02099	ug/m^3	w	642052.53	4179875.57	9.81	0.00	9.81	
PERIOD		0.02189	ug/m^3	w	642077.53	4179875.57	9.86	0.00	9.86	
PERIOD		0.02271	ug/m^3	w	642102.53	4179875.57	9.95	0.00	9.95	
PERIOD		0.02331	ug/m^3	w	642127.53	4179875.57	9.97	0.00	9.97	
PERIOD		0.02377	ug/m^3	w	642152.53	4179875.57	9.98	0.00	9.98	
PERIOD		0.02388	ug/m^3	w	642177.53	4179875.57	9.89	0.00	9.89	
PERIOD		0.02394	ug/m^3	w	642202.53	4179875.57	9.85	0.00	9.85	
PERIOD		0.02398	ug/m^3	w	642227.53	4179875.57	9.89	0.00	9.89	
PERIOD		0.02378	ug/m^3	w	642252.53	4179875.57	9.97	0.00	9.97	
PERIOD		0.02280	ug/m^3	w	642277.53	4179875.57	9.98	0.00	9.98	
PERIOD		0.02074	ug/m^3	w	642302.53	4179875.57	9.67	0.00	9.67	
PERIOD		0.01733	ug/m^3	w	642327.53	4179875.57	9.60	0.00	9.60	
PERIOD		0.01482	ug/m^3	w	642352.53	4179875.57	9.60	0.00	9.60	
PERIOD		0.01294	ug/m^3	w	642377.53	4179875.57	9.59	0.00	9.59	
PERIOD		0.01151	ug/m^3	w	642402.53	4179875.57	9.56	0.00	9.56	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01042	ug/m^3	w	642427.53	4179875.57	9.57	0.00	9.57	
PERIOD		0.00955	ug/m^3	w	642452.53	4179875.57	9.56	0.00	9.56	
PERIOD		0.00884	ug/m^3	w	642477.53	4179875.57	9.53	0.00	9.53	
PERIOD		0.00825	ug/m^3	w	642502.53	4179875.57	9.51	0.00	9.51	
PERIOD		0.00774	ug/m^3	w	642527.53	4179875.57	9.46	0.00	9.46	
PERIOD		0.00730	ug/m^3	w	642552.53	4179875.57	9.43	0.00	9.43	
PERIOD		0.00692	ug/m^3	w	642577.53	4179875.57	9.37	0.00	9.37	
PERIOD		0.00547	ug/m^3	w	641852.53	4179900.57	10.15	0.00	10.15	
PERIOD		0.00814	ug/m^3	w	641877.53	4179900.57	10.23	0.00	10.23	
PERIOD		0.01033	ug/m^3	w	641902.53	4179900.57	9.88	0.00	9.88	
PERIOD		0.01331	ug/m^3	w	641927.53	4179900.57	9.64	0.00	9.64	
PERIOD		0.01564	ug/m^3	w	641952.53	4179900.57	9.48	0.00	9.48	
PERIOD		0.01795	ug/m^3	w	641977.53	4179900.57	9.74	0.00	9.74	
PERIOD		0.01952	ug/m^3	w	642002.53	4179900.57	9.73	0.00	9.73	
PERIOD		0.02078	ug/m^3	w	642027.53	4179900.57	9.69	0.00	9.69	
PERIOD		0.02188	ug/m^3	w	642052.53	4179900.57	9.71	0.00	9.71	
PERIOD		0.02283	ug/m^3	w	642077.53	4179900.57	9.77	0.00	9.77	
PERIOD		0.02367	ug/m^3	w	642102.53	4179900.57	9.84	0.00	9.84	
PERIOD		0.02431	ug/m^3	w	642127.53	4179900.57	9.86	0.00	9.86	
PERIOD		0.02481	ug/m^3	w	642152.53	4179900.57	9.87	0.00	9.87	
PERIOD		0.02497	ug/m^3	w	642177.53	4179900.57	9.79	0.00	9.79	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02500	ug/m^3	w	642202.53	4179900.57	9.72	0.00	9.72	
PERIOD		0.02509	ug/m^3	w	642227.53	4179900.57	9.79	0.00	9.79	
PERIOD		0.02487	ug/m^3	w	642252.53	4179900.57	9.87	0.00	9.87	
PERIOD		0.02373	ug/m^3	w	642277.53	4179900.57	9.86	0.00	9.86	
PERIOD		0.02163	ug/m^3	w	642302.53	4179900.57	9.56	0.00	9.56	
PERIOD		0.01820	ug/m^3	w	642327.53	4179900.57	9.53	0.00	9.53	
PERIOD		0.01562	ug/m^3	w	642352.53	4179900.57	9.53	0.00	9.53	
PERIOD		0.01368	ug/m^3	w	642377.53	4179900.57	9.52	0.00	9.52	
PERIOD		0.01219	ug/m^3	w	642402.53	4179900.57	9.50	0.00	9.50	
PERIOD		0.01101	ug/m^3	w	642427.53	4179900.57	9.49	0.00	9.49	
PERIOD		0.01008	ug/m^3	w	642452.53	4179900.57	9.49	0.00	9.49	
PERIOD		0.00930	ug/m^3	w	642477.53	4179900.57	9.47	0.00	9.47	
PERIOD		0.00866	ug/m^3	w	642502.53	4179900.57	9.42	0.00	9.42	
PERIOD		0.00810	ug/m^3	w	642527.53	4179900.57	9.39	0.00	9.39	
PERIOD		0.00763	ug/m^3	w	642552.53	4179900.57	9.37	0.00	9.37	
PERIOD		0.00721	ug/m^3	w	642577.53	4179900.57	9.29	0.00	9.29	
PERIOD		0.00587	ug/m^3	w	641852.53	4179925.57	10.06	0.00	10.06	
PERIOD		0.00855	ug/m^3	w	641877.53	4179925.57	10.12	0.00	10.12	
PERIOD		0.01070	ug/m^3	w	641902.53	4179925.57	9.78	0.00	9.78	
PERIOD		0.01373	ug/m^3	w	641927.53	4179925.57	9.43	0.00	9.43	
PERIOD		0.01646	ug/m^3	w	641952.53	4179925.57	9.59	0.00	9.59	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01859	ug/m^3	w	641977.53	4179925.57	9.66	0.00	9.66	
PERIOD		0.02022	ug/m^3	w	642002.53	4179925.57	9.67	0.00	9.67	
PERIOD		0.02152	ug/m^3	w	642027.53	4179925.57	9.63	0.00	9.63	
PERIOD		0.02267	ug/m^3	w	642052.53	4179925.57	9.65	0.00	9.65	
PERIOD		0.02365	ug/m^3	w	642077.53	4179925.57	9.72	0.00	9.72	
PERIOD		0.02449	ug/m^3	w	642102.53	4179925.57	9.77	0.00	9.77	
PERIOD		0.02516	ug/m^3	w	642127.53	4179925.57	9.79	0.00	9.79	
PERIOD		0.02566	ug/m^3	w	642152.53	4179925.57	9.79	0.00	9.79	
PERIOD		0.02585	ug/m^3	w	642177.53	4179925.57	9.72	0.00	9.72	
PERIOD		0.02585	ug/m^3	w	642202.53	4179925.57	9.63	0.00	9.63	
PERIOD		0.02592	ug/m^3	w	642227.53	4179925.57	9.69	0.00	9.69	
PERIOD		0.02569	ug/m^3	w	642252.53	4179925.57	9.78	0.00	9.78	
PERIOD		0.02447	ug/m^3	w	642277.53	4179925.57	9.77	0.00	9.77	
PERIOD		0.02232	ug/m^3	w	642302.53	4179925.57	9.50	0.00	9.50	
PERIOD		0.01885	ug/m^3	w	642327.53	4179925.57	9.46	0.00	9.46	
PERIOD		0.01622	ug/m^3	w	642352.53	4179925.57	9.45	0.00	9.45	
PERIOD		0.01429	ug/m^3	w	642377.53	4179925.57	9.44	0.00	9.44	
PERIOD		0.01277	ug/m^3	w	642402.53	4179925.57	9.42	0.00	9.42	
PERIOD		0.01154	ug/m^3	w	642427.53	4179925.57	9.41	0.00	9.41	
PERIOD		0.01055	ug/m^3	w	642452.53	4179925.57	9.40	0.00	9.40	
PERIOD		0.00974	ug/m^3	w	642477.53	4179925.57	9.39	0.00	9.39	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00905	ug/m^3	w	642502.53	4179925.57	9.34	0.00	9.34	
PERIOD		0.00846	ug/m^3	w	642527.53	4179925.57	9.31	0.00	9.31	
PERIOD		0.00796	ug/m^3	w	642552.53	4179925.57	9.29	0.00	9.29	
PERIOD		0.00751	ug/m^3	w	642577.53	4179925.57	9.23	0.00	9.23	
PERIOD		0.00632	ug/m^3	w	641852.53	4179950.57	10.19	0.00	10.19	
PERIOD		0.00895	ug/m^3	w	641877.53	4179950.57	10.04	0.00	10.04	
PERIOD		0.01126	ug/m^3	w	641902.53	4179950.57	9.79	0.00	9.79	
PERIOD		0.01428	ug/m^3	w	641927.53	4179950.57	9.42	0.00	9.42	
PERIOD		0.01711	ug/m^3	w	641952.53	4179950.57	9.60	0.00	9.60	
PERIOD		0.01918	ug/m^3	w	641977.53	4179950.57	9.61	0.00	9.61	
PERIOD		0.02083	ug/m^3	w	642002.53	4179950.57	9.61	0.00	9.61	
PERIOD		0.02219	ug/m^3	w	642027.53	4179950.57	9.58	0.00	9.58	
PERIOD		0.02330	ug/m^3	w	642052.53	4179950.57	9.58	0.00	9.58	
PERIOD		0.02430	ug/m^3	w	642077.53	4179950.57	9.65	0.00	9.65	
PERIOD		0.02518	ug/m^3	w	642102.53	4179950.57	9.71	0.00	9.71	
PERIOD		0.02583	ug/m^3	w	642127.53	4179950.57	9.71	0.00	9.71	
PERIOD		0.02633	ug/m^3	w	642152.53	4179950.57	9.71	0.00	9.71	
PERIOD		0.02656	ug/m^3	w	642177.53	4179950.57	9.66	0.00	9.66	
PERIOD		0.02657	ug/m^3	w	642202.53	4179950.57	9.57	0.00	9.57	
PERIOD		0.02656	ug/m^3	w	642227.53	4179950.57	9.59	0.00	9.59	
PERIOD		0.02625	ug/m^3	w	642252.53	4179950.57	9.66	0.00	9.66	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02502	ug/m^3	w	642277.53	4179950.57	9.67	0.00	9.67	
PERIOD		0.02283	ug/m^3	w	642302.53	4179950.57	9.42	0.00	9.42	
PERIOD		0.01936	ug/m^3	w	642327.53	4179950.57	9.39	0.00	9.39	
PERIOD		0.01673	ug/m^3	w	642352.53	4179950.57	9.37	0.00	9.37	
PERIOD		0.01478	ug/m^3	w	642377.53	4179950.57	9.35	0.00	9.35	
PERIOD		0.01323	ug/m^3	w	642402.53	4179950.57	9.34	0.00	9.34	
PERIOD		0.01198	ug/m^3	w	642427.53	4179950.57	9.33	0.00	9.33	
PERIOD		0.01097	ug/m^3	w	642452.53	4179950.57	9.32	0.00	9.32	
PERIOD		0.01013	ug/m^3	w	642477.53	4179950.57	9.30	0.00	9.30	
PERIOD		0.00941	ug/m^3	w	642502.53	4179950.57	9.26	0.00	9.26	
PERIOD		0.00880	ug/m^3	w	642527.53	4179950.57	9.23	0.00	9.23	
PERIOD		0.00827	ug/m^3	w	642552.53	4179950.57	9.20	0.00	9.20	
PERIOD		0.00780	ug/m^3	w	642577.53	4179950.57	9.14	0.00	9.14	
PERIOD		0.00659	ug/m^3	w	641852.53	4179975.57	9.94	0.00	9.94	
PERIOD		0.00929	ug/m^3	w	641877.53	4179975.57	9.95	0.00	9.95	
PERIOD		0.01160	ug/m^3	w	641902.53	4179975.57	9.61	0.00	9.61	
PERIOD		0.01488	ug/m^3	w	641927.53	4179975.57	9.51	0.00	9.51	
PERIOD		0.01763	ug/m^3	w	641952.53	4179975.57	9.57	0.00	9.57	
PERIOD		0.01970	ug/m^3	w	641977.53	4179975.57	9.58	0.00	9.58	
PERIOD		0.02136	ug/m^3	w	642002.53	4179975.57	9.57	0.00	9.57	
PERIOD		0.02269	ug/m^3	w	642027.53	4179975.57	9.53	0.00	9.53	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02378	ug/m^3	w	642052.53	4179975.57	9.51	0.00	9.51	
PERIOD		0.02479	ug/m^3	w	642077.53	4179975.57	9.58	0.00	9.58	
PERIOD		0.02568	ug/m^3	w	642102.53	4179975.57	9.64	0.00	9.64	
PERIOD		0.02635	ug/m^3	w	642127.53	4179975.57	9.65	0.00	9.65	
PERIOD		0.02681	ug/m^3	w	642152.53	4179975.57	9.62	0.00	9.62	
PERIOD		0.02706	ug/m^3	w	642177.53	4179975.57	9.58	0.00	9.58	
PERIOD		0.02708	ug/m^3	w	642202.53	4179975.57	9.49	0.00	9.49	
PERIOD		0.02702	ug/m^3	w	642227.53	4179975.57	9.49	0.00	9.49	
PERIOD		0.02663	ug/m^3	w	642252.53	4179975.57	9.54	0.00	9.54	
PERIOD		0.02541	ug/m^3	w	642277.53	4179975.57	9.57	0.00	9.57	
PERIOD		0.02321	ug/m^3	w	642302.53	4179975.57	9.34	0.00	9.34	
PERIOD		0.01974	ug/m^3	w	642327.53	4179975.57	9.30	0.00	9.30	
PERIOD		0.01712	ug/m^3	w	642352.53	4179975.57	9.29	0.00	9.29	
PERIOD		0.01517	ug/m^3	w	642377.53	4179975.57	9.27	0.00	9.27	
PERIOD		0.01361	ug/m^3	w	642402.53	4179975.57	9.25	0.00	9.25	
PERIOD		0.01235	ug/m^3	w	642427.53	4179975.57	9.24	0.00	9.24	
PERIOD		0.01132	ug/m^3	w	642452.53	4179975.57	9.24	0.00	9.24	
PERIOD		0.01046	ug/m^3	w	642477.53	4179975.57	9.20	0.00	9.20	
PERIOD		0.00973	ug/m^3	w	642502.53	4179975.57	9.16	0.00	9.16	
PERIOD		0.00910	ug/m^3	w	642527.53	4179975.57	9.13	0.00	9.13	
PERIOD		0.00856	ug/m^3	w	642552.53	4179975.57	9.11	0.00	9.11	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00807	ug/m^3	w	642577.53	4179975.57	9.07	0.00	9.07	
PERIOD		0.00693	ug/m^3	w	641852.53	4180000.57	10.10	0.00	10.10	
PERIOD		0.00961	ug/m^3	w	641877.53	4180000.57	9.90	0.00	9.90	
PERIOD		0.01208	ug/m^3	w	641902.53	4180000.57	9.64	0.00	9.64	
PERIOD		0.01550	ug/m^3	w	641927.53	4180000.57	9.64	0.00	9.64	
PERIOD		0.01806	ug/m^3	w	641952.53	4180000.57	9.54	0.00	9.54	
PERIOD		0.02016	ug/m^3	w	641977.53	4180000.57	9.57	0.00	9.57	
PERIOD		0.02179	ug/m^3	w	642002.53	4180000.57	9.54	0.00	9.54	
PERIOD		0.02312	ug/m^3	w	642027.53	4180000.57	9.50	0.00	9.50	
PERIOD		0.02420	ug/m^3	w	642052.53	4180000.57	9.46	0.00	9.46	
PERIOD		0.02519	ug/m^3	w	642077.53	4180000.57	9.51	0.00	9.51	
PERIOD		0.02609	ug/m^3	w	642102.53	4180000.57	9.57	0.00	9.57	
PERIOD		0.02673	ug/m^3	w	642127.53	4180000.57	9.56	0.00	9.56	
PERIOD		0.02722	ug/m^3	w	642152.53	4180000.57	9.55	0.00	9.55	
PERIOD		0.02750	ug/m^3	w	642177.53	4180000.57	9.52	0.00	9.52	
PERIOD		0.02750	ug/m^3	w	642202.53	4180000.57	9.42	0.00	9.42	
PERIOD		0.02741	ug/m^3	w	642227.53	4180000.57	9.41	0.00	9.41	
PERIOD		0.02692	ug/m^3	w	642252.53	4180000.57	9.43	0.00	9.43	
PERIOD		0.02570	ug/m^3	w	642277.53	4180000.57	9.46	0.00	9.46	
PERIOD		0.02350	ug/m^3	w	642302.53	4180000.57	9.25	0.00	9.25	
PERIOD		0.02006	ug/m^3	w	642327.53	4180000.57	9.21	0.00	9.21	

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01743	ug/m^3	w	642352.53	4180000.57	9.19	0.00	9.19	
PERIOD		0.01549	ug/m^3	w	642377.53	4180000.57	9.19	0.00	9.19	
PERIOD		0.01393	ug/m^3	w	642402.53	4180000.57	9.17	0.00	9.17	
PERIOD		0.01265	ug/m^3	w	642427.53	4180000.57	9.15	0.00	9.15	
PERIOD		0.01161	ug/m^3	w	642452.53	4180000.57	9.14	0.00	9.14	
PERIOD		0.01075	ug/m^3	w	642477.53	4180000.57	9.11	0.00	9.11	
PERIOD		0.01001	ug/m^3	w	642502.53	4180000.57	9.07	0.00	9.07	
PERIOD		0.00937	ug/m^3	w	642527.53	4180000.57	9.05	0.00	9.05	
PERIOD		0.00882	ug/m^3	w	642552.53	4180000.57	9.04	0.00	9.04	
PERIOD		0.00832	ug/m^3	w	642577.53	4180000.57	9.00	0.00	9.00	
PERIOD		0.00727	ug/m^3	w	641852.53	4180025.57	10.28	0.00	10.28	
PERIOD		0.00992	ug/m^3	w	641877.53	4180025.57	9.91	0.00	9.91	
PERIOD		0.01249	ug/m^3	w	641902.53	4180025.57	9.60	0.00	9.60	
PERIOD		0.01595	ug/m^3	w	641927.53	4180025.57	9.62	0.00	9.62	
PERIOD		0.01855	ug/m^3	w	641952.53	4180025.57	9.58	0.00	9.58	
PERIOD		0.02054	ug/m^3	w	641977.53	4180025.57	9.55	0.00	9.55	
PERIOD		0.02218	ug/m^3	w	642002.53	4180025.57	9.53	0.00	9.53	
PERIOD		0.02354	ug/m^3	w	642027.53	4180025.57	9.49	0.00	9.49	
PERIOD		0.02459	ug/m^3	w	642052.53	4180025.57	9.43	0.00	9.43	
PERIOD		0.02556	ug/m^3	w	642077.53	4180025.57	9.45	0.00	9.45	
PERIOD		0.02641	ug/m^3	w	642102.53	4180025.57	9.48	0.00	9.48	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02708	ug/m^3	w	642127.53	4180025.57	9.48	0.00	9.48	
PERIOD		0.02762	ug/m^3	w	642152.53	4180025.57	9.49	0.00	9.49	
PERIOD		0.02790	ug/m^3	w	642177.53	4180025.57	9.46	0.00	9.46	
PERIOD		0.02790	ug/m^3	w	642202.53	4180025.57	9.37	0.00	9.37	
PERIOD		0.02778	ug/m^3	w	642227.53	4180025.57	9.35	0.00	9.35	
PERIOD		0.02721	ug/m^3	w	642252.53	4180025.57	9.34	0.00	9.34	
PERIOD		0.02595	ug/m^3	w	642277.53	4180025.57	9.36	0.00	9.36	
PERIOD		0.02372	ug/m^3	w	642302.53	4180025.57	9.15	0.00	9.15	
PERIOD		0.02030	ug/m^3	w	642327.53	4180025.57	9.12	0.00	9.12	
PERIOD		0.01769	ug/m^3	w	642352.53	4180025.57	9.11	0.00	9.11	
PERIOD		0.01574	ug/m^3	w	642377.53	4180025.57	9.08	0.00	9.08	
PERIOD		0.01418	ug/m^3	w	642402.53	4180025.57	9.07	0.00	9.07	
PERIOD		0.01290	ug/m^3	w	642427.53	4180025.57	9.05	0.00	9.05	
PERIOD		0.01186	ug/m^3	w	642452.53	4180025.57	9.04	0.00	9.04	
PERIOD		0.01100	ug/m^3	w	642477.53	4180025.57	9.02	0.00	9.02	
PERIOD		0.01025	ug/m^3	w	642502.53	4180025.57	8.99	0.00	8.99	
PERIOD		0.00961	ug/m^3	w	642527.53	4180025.57	8.98	0.00	8.98	
PERIOD		0.00905	ug/m^3	w	642552.53	4180025.57	8.97	0.00	8.97	
PERIOD		0.00854	ug/m^3	w	642577.53	4180025.57	8.92	0.00	8.92	
PERIOD		0.00758	ug/m^3	w	641852.53	4180050.57	10.33	0.00	10.33	
PERIOD		0.01013	ug/m^3	w	641877.53	4180050.57	9.84	0.00	9.84	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01291	ug/m^3	w	641902.53	4180050.57	9.59	0.00	9.59	
PERIOD		0.01634	ug/m^3	w	641927.53	4180050.57	9.57	0.00	9.57	
PERIOD		0.01889	ug/m^3	w	641952.53	4180050.57	9.54	0.00	9.54	
PERIOD		0.02084	ug/m^3	w	641977.53	4180050.57	9.50	0.00	9.50	
PERIOD		0.02251	ug/m^3	w	642002.53	4180050.57	9.50	0.00	9.50	
PERIOD		0.02389	ug/m^3	w	642027.53	4180050.57	9.47	0.00	9.47	
PERIOD		0.02495	ug/m^3	w	642052.53	4180050.57	9.41	0.00	9.41	
PERIOD		0.02587	ug/m^3	w	642077.53	4180050.57	9.39	0.00	9.39	
PERIOD		0.02667	ug/m^3	w	642102.53	4180050.57	9.38	0.00	9.38	
PERIOD		0.02739	ug/m^3	w	642127.53	4180050.57	9.40	0.00	9.40	
PERIOD		0.02797	ug/m^3	w	642152.53	4180050.57	9.43	0.00	9.43	
PERIOD		0.02825	ug/m^3	w	642177.53	4180050.57	9.40	0.00	9.40	
PERIOD		0.02825	ug/m^3	w	642202.53	4180050.57	9.31	0.00	9.31	
PERIOD		0.02809	ug/m^3	w	642227.53	4180050.57	9.29	0.00	9.29	
PERIOD		0.02749	ug/m^3	w	642252.53	4180050.57	9.27	0.00	9.27	
PERIOD		0.02619	ug/m^3	w	642277.53	4180050.57	9.27	0.00	9.27	
PERIOD		0.02389	ug/m^3	w	642302.53	4180050.57	9.06	0.00	9.06	
PERIOD		0.02049	ug/m^3	w	642327.53	4180050.57	9.02	0.00	9.02	
PERIOD		0.01788	ug/m^3	w	642352.53	4180050.57	8.99	0.00	8.99	
PERIOD		0.01594	ug/m^3	w	642377.53	4180050.57	8.99	0.00	8.99	
PERIOD		0.01438	ug/m^3	w	642402.53	4180050.57	8.96	0.00	8.96	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01310	ug/m^3	w	642427.53	4180050.57	8.94	0.00	8.94	
PERIOD		0.01208	ug/m^3	w	642452.53	4180050.57	8.95	0.00	8.95	
PERIOD		0.01122	ug/m^3	w	642477.53	4180050.57	8.95	0.00	8.95	
PERIOD		0.01047	ug/m^3	w	642502.53	4180050.57	8.92	0.00	8.92	
PERIOD		0.00982	ug/m^3	w	642527.53	4180050.57	8.90	0.00	8.90	
PERIOD		0.00926	ug/m^3	w	642552.53	4180050.57	8.90	0.00	8.90	
PERIOD		0.00874	ug/m^3	w	642577.53	4180050.57	8.83	0.00	8.83	
PERIOD		0.00778	ug/m^3	w	641852.53	4180075.57	10.04	0.00	10.04	
PERIOD		0.01035	ug/m^3	w	641877.53	4180075.57	9.73	0.00	9.73	
PERIOD		0.01325	ug/m^3	w	641902.53	4180075.57	9.54	0.00	9.54	
PERIOD		0.01665	ug/m^3	w	641927.53	4180075.57	9.50	0.00	9.50	
PERIOD		0.01914	ug/m^3	w	641952.53	4180075.57	9.46	0.00	9.46	
PERIOD		0.02112	ug/m^3	w	641977.53	4180075.57	9.45	0.00	9.45	
PERIOD		0.02278	ug/m^3	w	642002.53	4180075.57	9.45	0.00	9.45	
PERIOD		0.02415	ug/m^3	w	642027.53	4180075.57	9.41	0.00	9.41	
PERIOD		0.02523	ug/m^3	w	642052.53	4180075.57	9.36	0.00	9.36	
PERIOD		0.02612	ug/m^3	w	642077.53	4180075.57	9.31	0.00	9.31	
PERIOD		0.02694	ug/m^3	w	642102.53	4180075.57	9.30	0.00	9.30	
PERIOD		0.02769	ug/m^3	w	642127.53	4180075.57	9.33	0.00	9.33	
PERIOD		0.02829	ug/m^3	w	642152.53	4180075.57	9.37	0.00	9.37	
PERIOD		0.02856	ug/m^3	w	642177.53	4180075.57	9.33	0.00	9.33	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02856	ug/m^3	w	642202.53	4180075.57	9.25	0.00	9.25	
PERIOD		0.02834	ug/m^3	w	642227.53	4180075.57	9.21	0.00	9.21	
PERIOD		0.02771	ug/m^3	w	642252.53	4180075.57	9.18	0.00	9.18	
PERIOD		0.02637	ug/m^3	w	642277.53	4180075.57	9.16	0.00	9.16	
PERIOD		0.02401	ug/m^3	w	642302.53	4180075.57	8.95	0.00	8.95	
PERIOD		0.02064	ug/m^3	w	642327.53	4180075.57	8.91	0.00	8.91	
PERIOD		0.01806	ug/m^3	w	642352.53	4180075.57	8.90	0.00	8.90	
PERIOD		0.01611	ug/m^3	w	642377.53	4180075.57	8.88	0.00	8.88	
PERIOD		0.01456	ug/m^3	w	642402.53	4180075.57	8.86	0.00	8.86	
PERIOD		0.01329	ug/m^3	w	642427.53	4180075.57	8.86	0.00	8.86	
PERIOD		0.01227	ug/m^3	w	642452.53	4180075.57	8.87	0.00	8.87	
PERIOD		0.01140	ug/m^3	w	642477.53	4180075.57	8.86	0.00	8.86	
PERIOD		0.01066	ug/m^3	w	642502.53	4180075.57	8.83	0.00	8.83	
PERIOD		0.01001	ug/m^3	w	642527.53	4180075.57	8.82	0.00	8.82	
PERIOD		0.00944	ug/m^3	w	642552.53	4180075.57	8.81	0.00	8.81	
PERIOD		0.00892	ug/m^3	w	642577.53	4180075.57	8.76	0.00	8.76	
PERIOD		0.00806	ug/m^3	w	641852.53	4180100.57	10.03	0.00	10.03	
PERIOD		0.01061	ug/m^3	w	641877.53	4180100.57	9.71	0.00	9.71	
PERIOD		0.01357	ug/m^3	w	641902.53	4180100.57	9.52	0.00	9.52	
PERIOD		0.01695	ug/m^3	w	641927.53	4180100.57	9.46	0.00	9.46	
PERIOD		0.01935	ug/m^3	w	641952.53	4180100.57	9.38	0.00	9.38	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02133	ug/m^3	w	641977.53	4180100.57	9.38	0.00	9.38	
PERIOD		0.02300	ug/m^3	w	642002.53	4180100.57	9.38	0.00	9.38	
PERIOD		0.02438	ug/m^3	w	642027.53	4180100.57	9.34	0.00	9.34	
PERIOD		0.02547	ug/m^3	w	642052.53	4180100.57	9.29	0.00	9.29	
PERIOD		0.02638	ug/m^3	w	642077.53	4180100.57	9.25	0.00	9.25	
PERIOD		0.02716	ug/m^3	w	642102.53	4180100.57	9.21	0.00	9.21	
PERIOD		0.02790	ug/m^3	w	642127.53	4180100.57	9.23	0.00	9.23	
PERIOD		0.02848	ug/m^3	w	642152.53	4180100.57	9.25	0.00	9.25	
PERIOD		0.02876	ug/m^3	w	642177.53	4180100.57	9.22	0.00	9.22	
PERIOD		0.02877	ug/m^3	w	642202.53	4180100.57	9.16	0.00	9.16	
PERIOD		0.02852	ug/m^3	w	642227.53	4180100.57	9.12	0.00	9.12	
PERIOD		0.02788	ug/m^3	w	642252.53	4180100.57	9.09	0.00	9.09	
PERIOD		0.02650	ug/m^3	w	642277.53	4180100.57	9.04	0.00	9.04	
PERIOD		0.02409	ug/m^3	w	642302.53	4180100.57	8.84	0.00	8.84	
PERIOD		0.02077	ug/m^3	w	642327.53	4180100.57	8.81	0.00	8.81	
PERIOD		0.01821	ug/m^3	w	642352.53	4180100.57	8.80	0.00	8.80	
PERIOD		0.01625	ug/m^3	w	642377.53	4180100.57	8.79	0.00	8.79	
PERIOD		0.01471	ug/m^3	w	642402.53	4180100.57	8.79	0.00	8.79	
PERIOD		0.01344	ug/m^3	w	642427.53	4180100.57	8.78	0.00	8.78	
PERIOD		0.01243	ug/m^3	w	642452.53	4180100.57	8.79	0.00	8.79	
PERIOD		0.01157	ug/m^3	w	642477.53	4180100.57	8.78	0.00	8.78	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01083	ug/m^3	w	642502.53	4180100.57	8.75	0.00	8.75	
PERIOD		0.01018	ug/m^3	w	642527.53	4180100.57	8.74	0.00	8.74	
PERIOD		0.00960	ug/m^3	w	642552.53	4180100.57	8.72	0.00	8.72	
PERIOD		0.00908	ug/m^3	w	642577.53	4180100.57	8.67	0.00	8.67	
PERIOD		0.00835	ug/m^3	w	641852.53	4180125.57	10.06	0.00	10.06	
PERIOD		0.01083	ug/m^3	w	641877.53	4180125.57	9.65	0.00	9.65	
PERIOD		0.01382	ug/m^3	w	641902.53	4180125.57	9.42	0.00	9.42	
PERIOD		0.01722	ug/m^3	w	641927.53	4180125.57	9.45	0.00	9.45	
PERIOD		0.01965	ug/m^3	w	641952.53	4180125.57	9.41	0.00	9.41	
PERIOD		0.02161	ug/m^3	w	641977.53	4180125.57	9.38	0.00	9.38	
PERIOD		0.02327	ug/m^3	w	642002.53	4180125.57	9.36	0.00	9.36	
PERIOD		0.02466	ug/m^3	w	642027.53	4180125.57	9.32	0.00	9.32	
PERIOD		0.02574	ug/m^3	w	642052.53	4180125.57	9.27	0.00	9.27	
PERIOD		0.02665	ug/m^3	w	642077.53	4180125.57	9.22	0.00	9.22	
PERIOD		0.02744	ug/m^3	w	642102.53	4180125.57	9.18	0.00	9.18	
PERIOD		0.02809	ug/m^3	w	642127.53	4180125.57	9.14	0.00	9.14	
PERIOD		0.02857	ug/m^3	w	642152.53	4180125.57	9.09	0.00	9.09	
PERIOD		0.02882	ug/m^3	w	642177.53	4180125.57	9.04	0.00	9.04	
PERIOD		0.02879	ug/m^3	w	642202.53	4180125.57	8.97	0.00	8.97	
PERIOD		0.02852	ug/m^3	w	642227.53	4180125.57	8.91	0.00	8.91	
PERIOD		0.02782	ug/m^3	w	642252.53	4180125.57	8.84	0.00	8.84	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02645	ug/m^3	w	642277.53	4180125.57	8.79	0.00	8.79	
PERIOD		0.02414	ug/m^3	w	642302.53	4180125.57	8.72	0.00	8.72	
PERIOD		0.02088	ug/m^3	w	642327.53	4180125.57	8.72	0.00	8.72	
PERIOD		0.01835	ug/m^3	w	642352.53	4180125.57	8.74	0.00	8.74	
PERIOD		0.01638	ug/m^3	w	642377.53	4180125.57	8.72	0.00	8.72	
PERIOD		0.01483	ug/m^3	w	642402.53	4180125.57	8.71	0.00	8.71	
PERIOD		0.01358	ug/m^3	w	642427.53	4180125.57	8.69	0.00	8.69	
PERIOD		0.01257	ug/m^3	w	642452.53	4180125.57	8.71	0.00	8.71	
PERIOD		0.01172	ug/m^3	w	642477.53	4180125.57	8.69	0.00	8.69	
PERIOD		0.01097	ug/m^3	w	642502.53	4180125.57	8.66	0.00	8.66	
PERIOD		0.01033	ug/m^3	w	642527.53	4180125.57	8.66	0.00	8.66	
PERIOD		0.00975	ug/m^3	w	642552.53	4180125.57	8.64	0.00	8.64	
PERIOD		0.00922	ug/m^3	w	642577.53	4180125.57	8.59	0.00	8.59	
PERIOD		0.00858	ug/m^3	w	641852.53	4180150.57	10.02	0.00	10.02	
PERIOD		0.01099	ug/m^3	w	641877.53	4180150.57	9.54	0.00	9.54	
PERIOD		0.01409	ug/m^3	w	641902.53	4180150.57	9.35	0.00	9.35	
PERIOD		0.01731	ug/m^3	w	641927.53	4180150.57	9.32	0.00	9.32	
PERIOD		0.01973	ug/m^3	w	641952.53	4180150.57	9.27	0.00	9.27	
PERIOD		0.02171	ug/m^3	w	641977.53	4180150.57	9.25	0.00	9.25	
PERIOD		0.02338	ug/m^3	w	642002.53	4180150.57	9.23	0.00	9.23	
PERIOD		0.02479	ug/m^3	w	642027.53	4180150.57	9.20	0.00	9.20	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02588	ug/m^3	w	642052.53	4180150.57	9.16	0.00	9.16	
PERIOD		0.02679	ug/m^3	w	642077.53	4180150.57	9.11	0.00	9.11	
PERIOD		0.02762	ug/m^3	w	642102.53	4180150.57	9.10	0.00	9.10	
PERIOD		0.02826	ug/m^3	w	642127.53	4180150.57	9.05	0.00	9.05	
PERIOD		0.02875	ug/m^3	w	642152.53	4180150.57	9.02	0.00	9.02	
PERIOD		0.02905	ug/m^3	w	642177.53	4180150.57	9.03	0.00	9.03	
PERIOD		0.02905	ug/m^3	w	642202.53	4180150.57	8.99	0.00	8.99	
PERIOD		0.02880	ug/m^3	w	642227.53	4180150.57	8.97	0.00	8.97	
PERIOD		0.02808	ug/m^3	w	642252.53	4180150.57	8.90	0.00	8.90	
PERIOD		0.02661	ug/m^3	w	642277.53	4180150.57	8.78	0.00	8.78	
PERIOD		0.02421	ug/m^3	w	642302.53	4180150.57	8.65	0.00	8.65	
PERIOD		0.02098	ug/m^3	w	642327.53	4180150.57	8.65	0.00	8.65	
PERIOD		0.01847	ug/m^3	w	642352.53	4180150.57	8.66	0.00	8.66	
PERIOD		0.01648	ug/m^3	w	642377.53	4180150.57	8.64	0.00	8.64	
PERIOD		0.01493	ug/m^3	w	642402.53	4180150.57	8.61	0.00	8.61	
PERIOD		0.01370	ug/m^3	w	642427.53	4180150.57	8.61	0.00	8.61	
PERIOD		0.01270	ug/m^3	w	642452.53	4180150.57	8.61	0.00	8.61	
PERIOD		0.01184	ug/m^3	w	642477.53	4180150.57	8.59	0.00	8.59	
PERIOD		0.01110	ug/m^3	w	642502.53	4180150.57	8.57	0.00	8.57	
PERIOD		0.01046	ug/m^3	w	642527.53	4180150.57	8.57	0.00	8.57	
PERIOD		0.00988	ug/m^3	w	642552.53	4180150.57	8.55	0.00	8.55	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00935	ug/m^3	w	642577.53	4180150.57	8.51	0.00	8.51	
PERIOD		0.00879	ug/m^3	w	641852.53	4180175.57	9.94	0.00	9.94	
PERIOD		0.01116	ug/m^3	w	641877.53	4180175.57	9.46	0.00	9.46	
PERIOD		0.01432	ug/m^3	w	641902.53	4180175.57	9.27	0.00	9.27	
PERIOD		0.01742	ug/m^3	w	641927.53	4180175.57	9.23	0.00	9.23	
PERIOD		0.01990	ug/m^3	w	641952.53	4180175.57	9.20	0.00	9.20	
PERIOD		0.02188	ug/m^3	w	641977.53	4180175.57	9.16	0.00	9.16	
PERIOD		0.02358	ug/m^3	w	642002.53	4180175.57	9.16	0.00	9.16	
PERIOD		0.02497	ug/m^3	w	642027.53	4180175.57	9.12	0.00	9.12	
PERIOD		0.02605	ug/m^3	w	642052.53	4180175.57	9.08	0.00	9.08	
PERIOD		0.02694	ug/m^3	w	642077.53	4180175.57	9.02	0.00	9.02	
PERIOD		0.02774	ug/m^3	w	642102.53	4180175.57	8.99	0.00	8.99	
PERIOD		0.02836	ug/m^3	w	642127.53	4180175.57	8.93	0.00	8.93	
PERIOD		0.02884	ug/m^3	w	642152.53	4180175.57	8.90	0.00	8.90	
PERIOD		0.02914	ug/m^3	w	642177.53	4180175.57	8.92	0.00	8.92	
PERIOD		0.02916	ug/m^3	w	642202.53	4180175.57	8.91	0.00	8.91	
PERIOD		0.02890	ug/m^3	w	642227.53	4180175.57	8.89	0.00	8.89	
PERIOD		0.02817	ug/m^3	w	642252.53	4180175.57	8.82	0.00	8.82	
PERIOD		0.02663	ug/m^3	w	642277.53	4180175.57	8.64	0.00	8.64	
PERIOD		0.02425	ug/m^3	w	642302.53	4180175.57	8.57	0.00	8.57	
PERIOD		0.02106	ug/m^3	w	642327.53	4180175.57	8.58	0.00	8.58	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01857	ug/m^3	w	642352.53	4180175.57	8.59	0.00	8.59	
PERIOD		0.01656	ug/m^3	w	642377.53	4180175.57	8.55	0.00	8.55	
PERIOD		0.01503	ug/m^3	w	642402.53	4180175.57	8.54	0.00	8.54	
PERIOD		0.01380	ug/m^3	w	642427.53	4180175.57	8.52	0.00	8.52	
PERIOD		0.01281	ug/m^3	w	642452.53	4180175.57	8.52	0.00	8.52	
PERIOD		0.01196	ug/m^3	w	642477.53	4180175.57	8.50	0.00	8.50	
PERIOD		0.01122	ug/m^3	w	642502.53	4180175.57	8.47	0.00	8.47	
PERIOD		0.01057	ug/m^3	w	642527.53	4180175.57	8.48	0.00	8.48	
PERIOD		0.00999	ug/m^3	w	642552.53	4180175.57	8.46	0.00	8.46	
PERIOD		0.00946	ug/m^3	w	642577.53	4180175.57	8.42	0.00	8.42	
PERIOD		0.00891	ug/m^3	w	641852.53	4180200.57	9.61	0.00	9.61	
PERIOD		0.01130	ug/m^3	w	641877.53	4180200.57	9.36	0.00	9.36	
PERIOD		0.01449	ug/m^3	w	641902.53	4180200.57	9.21	0.00	9.21	
PERIOD		0.01758	ug/m^3	w	641927.53	4180200.57	9.17	0.00	9.17	
PERIOD		0.02009	ug/m^3	w	641952.53	4180200.57	9.13	0.00	9.13	
PERIOD		0.02206	ug/m^3	w	641977.53	4180200.57	9.08	0.00	9.08	
PERIOD		0.02376	ug/m^3	w	642002.53	4180200.57	9.08	0.00	9.08	
PERIOD		0.02514	ug/m^3	w	642027.53	4180200.57	9.04	0.00	9.04	
PERIOD		0.02619	ug/m^3	w	642052.53	4180200.57	8.99	0.00	8.99	
PERIOD		0.02707	ug/m^3	w	642077.53	4180200.57	8.92	0.00	8.92	
PERIOD		0.02787	ug/m^3	w	642102.53	4180200.57	8.90	0.00	8.90	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02846	ug/m^3	w	642127.53	4180200.57	8.82	0.00	8.82	
PERIOD		0.02894	ug/m^3	w	642152.53	4180200.57	8.80	0.00	8.80	
PERIOD		0.02925	ug/m^3	w	642177.53	4180200.57	8.84	0.00	8.84	
PERIOD		0.02927	ug/m^3	w	642202.53	4180200.57	8.84	0.00	8.84	
PERIOD		0.02902	ug/m^3	w	642227.53	4180200.57	8.84	0.00	8.84	
PERIOD		0.02826	ug/m^3	w	642252.53	4180200.57	8.76	0.00	8.76	
PERIOD		0.02672	ug/m^3	w	642277.53	4180200.57	8.59	0.00	8.59	
PERIOD		0.02427	ug/m^3	w	642302.53	4180200.57	8.49	0.00	8.49	
PERIOD		0.02111	ug/m^3	w	642327.53	4180200.57	8.50	0.00	8.50	
PERIOD		0.01864	ug/m^3	w	642352.53	4180200.57	8.50	0.00	8.50	
PERIOD		0.01662	ug/m^3	w	642377.53	4180200.57	8.47	0.00	8.47	
PERIOD		0.01511	ug/m^3	w	642402.53	4180200.57	8.45	0.00	8.45	
PERIOD		0.01389	ug/m^3	w	642427.53	4180200.57	8.43	0.00	8.43	
PERIOD		0.01291	ug/m^3	w	642452.53	4180200.57	8.43	0.00	8.43	
PERIOD		0.01207	ug/m^3	w	642477.53	4180200.57	8.41	0.00	8.41	
PERIOD		0.01133	ug/m^3	w	642502.53	4180200.57	8.38	0.00	8.38	
PERIOD		0.01068	ug/m^3	w	642527.53	4180200.57	8.38	0.00	8.38	
PERIOD		0.01010	ug/m^3	w	642552.53	4180200.57	8.37	0.00	8.37	
PERIOD		0.00956	ug/m^3	w	642577.53	4180200.57	8.31	0.00	8.31	
PERIOD		0.00912	ug/m^3	w	641852.53	4180225.57	9.53	0.00	9.53	
PERIOD		0.01148	ug/m^3	w	641877.53	4180225.57	9.28	0.00	9.28	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01462	ug/m^3	w	641902.53	4180225.57	9.14	0.00	9.14	
PERIOD		0.01779	ug/m^3	w	641927.53	4180225.57	9.11	0.00	9.11	
PERIOD		0.02030	ug/m^3	w	641952.53	4180225.57	9.08	0.00	9.08	
PERIOD		0.02225	ug/m^3	w	641977.53	4180225.57	9.01	0.00	9.01	
PERIOD		0.02392	ug/m^3	w	642002.53	4180225.57	9.00	0.00	9.00	
PERIOD		0.02528	ug/m^3	w	642027.53	4180225.57	8.96	0.00	8.96	
PERIOD		0.02631	ug/m^3	w	642052.53	4180225.57	8.90	0.00	8.90	
PERIOD		0.02718	ug/m^3	w	642077.53	4180225.57	8.83	0.00	8.83	
PERIOD		0.02797	ug/m^3	w	642102.53	4180225.57	8.81	0.00	8.81	
PERIOD		0.02855	ug/m^3	w	642127.53	4180225.57	8.72	0.00	8.72	
PERIOD		0.02903	ug/m^3	w	642152.53	4180225.57	8.71	0.00	8.71	
PERIOD		0.02933	ug/m^3	w	642177.53	4180225.57	8.75	0.00	8.75	
PERIOD		0.02937	ug/m^3	w	642202.53	4180225.57	8.77	0.00	8.77	
PERIOD		0.02911	ug/m^3	w	642227.53	4180225.57	8.77	0.00	8.77	
PERIOD		0.02834	ug/m^3	w	642252.53	4180225.57	8.70	0.00	8.70	
PERIOD		0.02677	ug/m^3	w	642277.53	4180225.57	8.50	0.00	8.50	
PERIOD		0.02427	ug/m^3	w	642302.53	4180225.57	8.41	0.00	8.41	
PERIOD		0.02114	ug/m^3	w	642327.53	4180225.57	8.42	0.00	8.42	
PERIOD		0.01869	ug/m^3	w	642352.53	4180225.57	8.41	0.00	8.41	
PERIOD		0.01667	ug/m^3	w	642377.53	4180225.57	8.38	0.00	8.38	
PERIOD		0.01518	ug/m^3	w	642402.53	4180225.57	8.37	0.00	8.37	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01397	ug/m^3	w	642427.53	4180225.57	8.35	0.00	8.35	
PERIOD		0.01300	ug/m^3	w	642452.53	4180225.57	8.34	0.00	8.34	
PERIOD		0.01217	ug/m^3	w	642477.53	4180225.57	8.34	0.00	8.34	
PERIOD		0.01143	ug/m^3	w	642502.53	4180225.57	8.30	0.00	8.30	
PERIOD		0.01078	ug/m^3	w	642527.53	4180225.57	8.30	0.00	8.30	
PERIOD		0.01019	ug/m^3	w	642552.53	4180225.57	8.27	0.00	8.27	
PERIOD		0.00966	ug/m^3	w	642577.53	4180225.57	8.22	0.00	8.22	
PERIOD		0.00932	ug/m^3	w	641852.53	4180250.57	9.53	0.00	9.53	
PERIOD		0.01164	ug/m^3	w	641877.53	4180250.57	9.19	0.00	9.19	
PERIOD		0.01477	ug/m^3	w	641902.53	4180250.57	9.07	0.00	9.07	
PERIOD		0.01794	ug/m^3	w	641927.53	4180250.57	9.03	0.00	9.03	
PERIOD		0.02046	ug/m^3	w	641952.53	4180250.57	9.00	0.00	9.00	
PERIOD		0.02241	ug/m^3	w	641977.53	4180250.57	8.94	0.00	8.94	
PERIOD		0.02406	ug/m^3	w	642002.53	4180250.57	8.93	0.00	8.93	
PERIOD		0.02540	ug/m^3	w	642027.53	4180250.57	8.88	0.00	8.88	
PERIOD		0.02643	ug/m^3	w	642052.53	4180250.57	8.83	0.00	8.83	
PERIOD		0.02725	ug/m^3	w	642077.53	4180250.57	8.73	0.00	8.73	
PERIOD		0.02805	ug/m^3	w	642102.53	4180250.57	8.71	0.00	8.71	
PERIOD		0.02863	ug/m^3	w	642127.53	4180250.57	8.63	0.00	8.63	
PERIOD		0.02911	ug/m^3	w	642152.53	4180250.57	8.63	0.00	8.63	
PERIOD		0.02939	ug/m^3	w	642177.53	4180250.57	8.67	0.00	8.67	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02945	ug/m^3	w	642202.53	4180250.57	8.70	0.00	8.70	
PERIOD		0.02916	ug/m^3	w	642227.53	4180250.57	8.69	0.00	8.69	
PERIOD		0.02839	ug/m^3	w	642252.53	4180250.57	8.62	0.00	8.62	
PERIOD		0.02682	ug/m^3	w	642277.53	4180250.57	8.44	0.00	8.44	
PERIOD		0.02425	ug/m^3	w	642302.53	4180250.57	8.34	0.00	8.34	
PERIOD		0.02116	ug/m^3	w	642327.53	4180250.57	8.34	0.00	8.34	
PERIOD		0.01874	ug/m^3	w	642352.53	4180250.57	8.34	0.00	8.34	
PERIOD		0.01672	ug/m^3	w	642377.53	4180250.57	8.30	0.00	8.30	
PERIOD		0.01524	ug/m^3	w	642402.53	4180250.57	8.28	0.00	8.28	
PERIOD		0.01404	ug/m^3	w	642427.53	4180250.57	8.26	0.00	8.26	
PERIOD		0.01308	ug/m^3	w	642452.53	4180250.57	8.25	0.00	8.25	
PERIOD		0.01225	ug/m^3	w	642477.53	4180250.57	8.25	0.00	8.25	
PERIOD		0.01152	ug/m^3	w	642502.53	4180250.57	8.22	0.00	8.22	
PERIOD		0.01087	ug/m^3	w	642527.53	4180250.57	8.21	0.00	8.21	
PERIOD		0.01028	ug/m^3	w	642552.53	4180250.57	8.18	0.00	8.18	
PERIOD		0.00975	ug/m^3	w	642577.53	4180250.57	8.15	0.00	8.15	
PERIOD		0.00943	ug/m^3	w	641852.53	4180275.57	9.44	0.00	9.44	
PERIOD		0.01176	ug/m^3	w	641877.53	4180275.57	9.09	0.00	9.09	
PERIOD		0.01490	ug/m^3	w	641902.53	4180275.57	8.98	0.00	8.98	
PERIOD		0.01806	ug/m^3	w	641927.53	4180275.57	8.95	0.00	8.95	
PERIOD		0.02056	ug/m^3	w	641952.53	4180275.57	8.93	0.00	8.93	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02249	ug/m^3	w	641977.53	4180275.57	8.86	0.00	8.86	
PERIOD		0.02414	ug/m^3	w	642002.53	4180275.57	8.85	0.00	8.85	
PERIOD		0.02547	ug/m^3	w	642027.53	4180275.57	8.79	0.00	8.79	
PERIOD		0.02650	ug/m^3	w	642052.53	4180275.57	8.75	0.00	8.75	
PERIOD		0.02730	ug/m^3	w	642077.53	4180275.57	8.63	0.00	8.63	
PERIOD		0.02809	ug/m^3	w	642102.53	4180275.57	8.61	0.00	8.61	
PERIOD		0.02869	ug/m^3	w	642127.53	4180275.57	8.55	0.00	8.55	
PERIOD		0.02917	ug/m^3	w	642152.53	4180275.57	8.56	0.00	8.56	
PERIOD		0.02943	ug/m^3	w	642177.53	4180275.57	8.59	0.00	8.59	
PERIOD		0.02948	ug/m^3	w	642202.53	4180275.57	8.62	0.00	8.62	
PERIOD		0.02919	ug/m^3	w	642227.53	4180275.57	8.61	0.00	8.61	
PERIOD		0.02842	ug/m^3	w	642252.53	4180275.57	8.55	0.00	8.55	
PERIOD		0.02683	ug/m^3	w	642277.53	4180275.57	8.34	0.00	8.34	
PERIOD		0.02423	ug/m^3	w	642302.53	4180275.57	8.27	0.00	8.27	
PERIOD		0.02117	ug/m^3	w	642327.53	4180275.57	8.27	0.00	8.27	
PERIOD		0.01875	ug/m^3	w	642352.53	4180275.57	8.26	0.00	8.26	
PERIOD		0.01677	ug/m^3	w	642377.53	4180275.57	8.23	0.00	8.23	
PERIOD		0.01529	ug/m^3	w	642402.53	4180275.57	8.20	0.00	8.20	
PERIOD		0.01410	ug/m^3	w	642427.53	4180275.57	8.17	0.00	8.17	
PERIOD		0.01315	ug/m^3	w	642452.53	4180275.57	8.18	0.00	8.18	
PERIOD		0.01233	ug/m^3	w	642477.53	4180275.57	8.16	0.00	8.16	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01160	ug/m^3	w	642502.53	4180275.57	8.14	0.00	8.14	
PERIOD		0.01095	ug/m^3	w	642527.53	4180275.57	8.11	0.00	8.11	
PERIOD		0.01036	ug/m^3	w	642552.53	4180275.57	8.08	0.00	8.08	
PERIOD		0.00982	ug/m^3	w	642577.53	4180275.57	8.03	0.00	8.03	
PERIOD		0.00950	ug/m^3	w	641852.53	4180300.57	9.29	0.00	9.29	
PERIOD		0.01181	ug/m^3	w	641877.53	4180300.57	8.97	0.00	8.97	
PERIOD		0.01509	ug/m^3	w	641902.53	4180300.57	8.90	0.00	8.90	
PERIOD		0.01815	ug/m^3	w	641927.53	4180300.57	8.87	0.00	8.87	
PERIOD		0.02061	ug/m^3	w	641952.53	4180300.57	8.84	0.00	8.84	
PERIOD		0.02253	ug/m^3	w	641977.53	4180300.57	8.78	0.00	8.78	
PERIOD		0.02418	ug/m^3	w	642002.53	4180300.57	8.77	0.00	8.77	
PERIOD		0.02550	ug/m^3	w	642027.53	4180300.57	8.70	0.00	8.70	
PERIOD		0.02651	ug/m^3	w	642052.53	4180300.57	8.65	0.00	8.65	
PERIOD		0.02733	ug/m^3	w	642077.53	4180300.57	8.54	0.00	8.54	
PERIOD		0.02812	ug/m^3	w	642102.53	4180300.57	8.52	0.00	8.52	
PERIOD		0.02872	ug/m^3	w	642127.53	4180300.57	8.47	0.00	8.47	
PERIOD		0.02920	ug/m^3	w	642152.53	4180300.57	8.49	0.00	8.49	
PERIOD		0.02945	ug/m^3	w	642177.53	4180300.57	8.52	0.00	8.52	
PERIOD		0.02949	ug/m^3	w	642202.53	4180300.57	8.54	0.00	8.54	
PERIOD		0.02919	ug/m^3	w	642227.53	4180300.57	8.52	0.00	8.52	
PERIOD		0.02843	ug/m^3	w	642252.53	4180300.57	8.48	0.00	8.48	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02685	ug/m^3	w	642277.53	4180300.57	8.28	0.00	8.28	
PERIOD		0.02420	ug/m^3	w	642302.53	4180300.57	8.21	0.00	8.21	
PERIOD		0.02116	ug/m^3	w	642327.53	4180300.57	8.19	0.00	8.19	
PERIOD		0.01876	ug/m^3	w	642352.53	4180300.57	8.18	0.00	8.18	
PERIOD		0.01680	ug/m^3	w	642377.53	4180300.57	8.15	0.00	8.15	
PERIOD		0.01535	ug/m^3	w	642402.53	4180300.57	8.13	0.00	8.13	
PERIOD		0.01417	ug/m^3	w	642427.53	4180300.57	8.10	0.00	8.10	
PERIOD		0.01322	ug/m^3	w	642452.53	4180300.57	8.10	0.00	8.10	
PERIOD		0.01240	ug/m^3	w	642477.53	4180300.57	8.08	0.00	8.08	
PERIOD		0.01167	ug/m^3	w	642502.53	4180300.57	8.04	0.00	8.04	
PERIOD		0.01102	ug/m^3	w	642527.53	4180300.57	8.01	0.00	8.01	
PERIOD		0.01043	ug/m^3	w	642552.53	4180300.57	7.99	0.00	7.99	
PERIOD		0.00989	ug/m^3	w	642577.53	4180300.57	7.94	0.00	7.94	
PERIOD		0.00962	ug/m^3	w	641852.53	4180325.57	9.18	0.00	9.18	
PERIOD		0.01193	ug/m^3	w	641877.53	4180325.57	8.89	0.00	8.89	
PERIOD		0.01524	ug/m^3	w	641902.53	4180325.57	8.82	0.00	8.82	
PERIOD		0.01825	ug/m^3	w	641927.53	4180325.57	8.77	0.00	8.77	
PERIOD		0.02067	ug/m^3	w	641952.53	4180325.57	8.75	0.00	8.75	
PERIOD		0.02253	ug/m^3	w	641977.53	4180325.57	8.67	0.00	8.67	
PERIOD		0.02417	ug/m^3	w	642002.53	4180325.57	8.66	0.00	8.66	
PERIOD		0.02548	ug/m^3	w	642027.53	4180325.57	8.59	0.00	8.59	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02651	ug/m^3	w	642052.53	4180325.57	8.56	0.00	8.56	
PERIOD		0.02734	ug/m^3	w	642077.53	4180325.57	8.47	0.00	8.47	
PERIOD		0.02812	ug/m^3	w	642102.53	4180325.57	8.44	0.00	8.44	
PERIOD		0.02873	ug/m^3	w	642127.53	4180325.57	8.40	0.00	8.40	
PERIOD		0.02921	ug/m^3	w	642152.53	4180325.57	8.42	0.00	8.42	
PERIOD		0.02944	ug/m^3	w	642177.53	4180325.57	8.44	0.00	8.44	
PERIOD		0.02948	ug/m^3	w	642202.53	4180325.57	8.46	0.00	8.46	
PERIOD		0.02917	ug/m^3	w	642227.53	4180325.57	8.43	0.00	8.43	
PERIOD		0.02841	ug/m^3	w	642252.53	4180325.57	8.39	0.00	8.39	
PERIOD		0.02685	ug/m^3	w	642277.53	4180325.57	8.21	0.00	8.21	
PERIOD		0.02416	ug/m^3	w	642302.53	4180325.57	8.15	0.00	8.15	
PERIOD		0.02114	ug/m^3	w	642327.53	4180325.57	8.12	0.00	8.12	
PERIOD		0.01877	ug/m^3	w	642352.53	4180325.57	8.11	0.00	8.11	
PERIOD		0.01685	ug/m^3	w	642377.53	4180325.57	8.08	0.00	8.08	
PERIOD		0.01540	ug/m^3	w	642402.53	4180325.57	8.05	0.00	8.05	
PERIOD		0.01424	ug/m^3	w	642427.53	4180325.57	8.03	0.00	8.03	
PERIOD		0.01329	ug/m^3	w	642452.53	4180325.57	8.02	0.00	8.02	
PERIOD		0.01247	ug/m^3	w	642477.53	4180325.57	8.00	0.00	8.00	
PERIOD		0.01174	ug/m^3	w	642502.53	4180325.57	7.96	0.00	7.96	
PERIOD		0.01108	ug/m^3	w	642527.53	4180325.57	7.92	0.00	7.92	
PERIOD		0.01050	ug/m^3	w	642552.53	4180325.57	7.94	0.00	7.94	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00997	ug/m^3	w	642577.53	4180325.57	7.95	0.00	7.95	
PERIOD		0.00969	ug/m^3	w	641852.53	4180350.57	9.03	0.00	9.03	
PERIOD		0.01201	ug/m^3	w	641877.53	4180350.57	8.77	0.00	8.77	
PERIOD		0.01530	ug/m^3	w	641902.53	4180350.57	8.67	0.00	8.67	
PERIOD		0.01831	ug/m^3	w	641927.53	4180350.57	8.63	0.00	8.63	
PERIOD		0.02068	ug/m^3	w	641952.53	4180350.57	8.61	0.00	8.61	
PERIOD		0.02250	ug/m^3	w	641977.53	4180350.57	8.53	0.00	8.53	
PERIOD		0.02411	ug/m^3	w	642002.53	4180350.57	8.52	0.00	8.52	
PERIOD		0.02542	ug/m^3	w	642027.53	4180350.57	8.47	0.00	8.47	
PERIOD		0.02647	ug/m^3	w	642052.53	4180350.57	8.45	0.00	8.45	
PERIOD		0.02733	ug/m^3	w	642077.53	4180350.57	8.39	0.00	8.39	
PERIOD		0.02812	ug/m^3	w	642102.53	4180350.57	8.38	0.00	8.38	
PERIOD		0.02872	ug/m^3	w	642127.53	4180350.57	8.33	0.00	8.33	
PERIOD		0.02915	ug/m^3	w	642152.53	4180350.57	8.32	0.00	8.32	
PERIOD		0.02937	ug/m^3	w	642177.53	4180350.57	8.33	0.00	8.33	
PERIOD		0.02940	ug/m^3	w	642202.53	4180350.57	8.34	0.00	8.34	
PERIOD		0.02910	ug/m^3	w	642227.53	4180350.57	8.32	0.00	8.32	
PERIOD		0.02836	ug/m^3	w	642252.53	4180350.57	8.30	0.00	8.30	
PERIOD		0.02682	ug/m^3	w	642277.53	4180350.57	8.13	0.00	8.13	
PERIOD		0.02412	ug/m^3	w	642302.53	4180350.57	8.09	0.00	8.09	
PERIOD		0.02111	ug/m^3	w	642327.53	4180350.57	8.06	0.00	8.06	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01878	ug/m^3	w	642352.53	4180350.57	8.04	0.00	8.04	
PERIOD		0.01689	ug/m^3	w	642377.53	4180350.57	8.00	0.00	8.00	
PERIOD		0.01546	ug/m^3	w	642402.53	4180350.57	7.98	0.00	7.98	
PERIOD		0.01431	ug/m^3	w	642427.53	4180350.57	7.97	0.00	7.97	
PERIOD		0.01336	ug/m^3	w	642452.53	4180350.57	7.95	0.00	7.95	
PERIOD		0.01253	ug/m^3	w	642477.53	4180350.57	7.93	0.00	7.93	
PERIOD		0.01180	ug/m^3	w	642502.53	4180350.57	7.88	0.00	7.88	
PERIOD		0.01116	ug/m^3	w	642527.53	4180350.57	7.92	0.00	7.92	
PERIOD		0.01056	ug/m^3	w	642552.53	4180350.57	7.81	0.00	7.81	
PERIOD		0.00997	ug/m^3	w	642577.53	4180350.57	7.51	0.00	7.51	
PERIOD		0.00979	ug/m^3	w	641852.53	4180375.57	8.91	0.00	8.91	
PERIOD		0.01206	ug/m^3	w	641877.53	4180375.57	8.62	0.00	8.62	
PERIOD		0.01534	ug/m^3	w	641902.53	4180375.57	8.53	0.00	8.53	
PERIOD		0.01836	ug/m^3	w	641927.53	4180375.57	8.48	0.00	8.48	
PERIOD		0.02069	ug/m^3	w	641952.53	4180375.57	8.48	0.00	8.48	
PERIOD		0.02250	ug/m^3	w	641977.53	4180375.57	8.42	0.00	8.42	
PERIOD		0.02407	ug/m^3	w	642002.53	4180375.57	8.40	0.00	8.40	
PERIOD		0.02537	ug/m^3	w	642027.53	4180375.57	8.35	0.00	8.35	
PERIOD		0.02642	ug/m^3	w	642052.53	4180375.57	8.34	0.00	8.34	
PERIOD		0.02731	ug/m^3	w	642077.53	4180375.57	8.31	0.00	8.31	
PERIOD		0.02809	ug/m^3	w	642102.53	4180375.57	8.29	0.00	8.29	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02867	ug/m^3	w	642127.53	4180375.57	8.23	0.00	8.23	
PERIOD		0.02907	ug/m^3	w	642152.53	4180375.57	8.21	0.00	8.21	
PERIOD		0.02927	ug/m^3	w	642177.53	4180375.57	8.20	0.00	8.20	
PERIOD		0.02929	ug/m^3	w	642202.53	4180375.57	8.20	0.00	8.20	
PERIOD		0.02899	ug/m^3	w	642227.53	4180375.57	8.17	0.00	8.17	
PERIOD		0.02825	ug/m^3	w	642252.53	4180375.57	8.16	0.00	8.16	
PERIOD		0.02674	ug/m^3	w	642277.53	4180375.57	8.01	0.00	8.01	
PERIOD		0.02406	ug/m^3	w	642302.53	4180375.57	8.03	0.00	8.03	
PERIOD		0.02107	ug/m^3	w	642327.53	4180375.57	8.00	0.00	8.00	
PERIOD		0.01880	ug/m^3	w	642352.53	4180375.57	7.98	0.00	7.98	
PERIOD		0.01694	ug/m^3	w	642377.53	4180375.57	7.94	0.00	7.94	
PERIOD		0.01552	ug/m^3	w	642402.53	4180375.57	7.92	0.00	7.92	
PERIOD		0.01437	ug/m^3	w	642427.53	4180375.57	7.90	0.00	7.90	
PERIOD		0.01342	ug/m^3	w	642452.53	4180375.57	7.87	0.00	7.87	
PERIOD		0.01259	ug/m^3	w	642477.53	4180375.57	7.83	0.00	7.83	
PERIOD		0.01189	ug/m^3	w	642502.53	4180375.57	7.91	0.00	7.91	
PERIOD		0.01120	ug/m^3	w	642527.53	4180375.57	7.70	0.00	7.70	
PERIOD		0.01057	ug/m^3	w	642552.53	4180375.57	7.46	0.00	7.46	
PERIOD		0.01004	ug/m^3	w	642577.53	4180375.57	7.41	0.00	7.41	
PERIOD		0.00984	ug/m^3	w	641852.53	4180400.57	8.74	0.00	8.74	
PERIOD		0.01213	ug/m^3	w	641877.53	4180400.57	8.51	0.00	8.51	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01538	ug/m^3	w	641902.53	4180400.57	8.42	0.00	8.42	
PERIOD		0.01841	ug/m^3	w	641927.53	4180400.57	8.36	0.00	8.36	
PERIOD		0.02071	ug/m^3	w	641952.53	4180400.57	8.37	0.00	8.37	
PERIOD		0.02249	ug/m^3	w	641977.53	4180400.57	8.30	0.00	8.30	
PERIOD		0.02404	ug/m^3	w	642002.53	4180400.57	8.29	0.00	8.29	
PERIOD		0.02533	ug/m^3	w	642027.53	4180400.57	8.25	0.00	8.25	
PERIOD		0.02637	ug/m^3	w	642052.53	4180400.57	8.23	0.00	8.23	
PERIOD		0.02727	ug/m^3	w	642077.53	4180400.57	8.21	0.00	8.21	
PERIOD		0.02804	ug/m^3	w	642102.53	4180400.57	8.19	0.00	8.19	
PERIOD		0.02862	ug/m^3	w	642127.53	4180400.57	8.14	0.00	8.14	
PERIOD		0.02899	ug/m^3	w	642152.53	4180400.57	8.11	0.00	8.11	
PERIOD		0.02917	ug/m^3	w	642177.53	4180400.57	8.09	0.00	8.09	
PERIOD		0.02916	ug/m^3	w	642202.53	4180400.57	8.06	0.00	8.06	
PERIOD		0.02887	ug/m^3	w	642227.53	4180400.57	8.03	0.00	8.03	
PERIOD		0.02813	ug/m^3	w	642252.53	4180400.57	8.02	0.00	8.02	
PERIOD		0.02666	ug/m^3	w	642277.53	4180400.57	7.89	0.00	7.89	
PERIOD		0.02400	ug/m^3	w	642302.53	4180400.57	7.97	0.00	7.97	
PERIOD		0.02104	ug/m^3	w	642327.53	4180400.57	7.95	0.00	7.95	
PERIOD		0.01883	ug/m^3	w	642352.53	4180400.57	7.92	0.00	7.92	
PERIOD		0.01701	ug/m^3	w	642377.53	4180400.57	7.88	0.00	7.88	
PERIOD		0.01560	ug/m^3	w	642402.53	4180400.57	7.86	0.00	7.86	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01444	ug/m^3	w	642427.53	4180400.57	7.82	0.00	7.82	
PERIOD		0.01349	ug/m^3	w	642452.53	4180400.57	7.78	0.00	7.78	
PERIOD		0.01271	ug/m^3	w	642477.53	4180400.57	7.96	0.00	7.96	
PERIOD		0.01191	ug/m^3	w	642502.53	4180400.57	7.62	0.00	7.62	
PERIOD		0.01122	ug/m^3	w	642527.53	4180400.57	7.39	0.00	7.39	
PERIOD		0.01063	ug/m^3	w	642552.53	4180400.57	7.33	0.00	7.33	
PERIOD		0.01010	ug/m^3	w	642577.53	4180400.57	7.29	0.00	7.29	
PERIOD		0.00991	ug/m^3	w	641852.53	4180425.57	8.64	0.00	8.64	
PERIOD		0.01215	ug/m^3	w	641877.53	4180425.57	8.41	0.00	8.41	
PERIOD		0.01546	ug/m^3	w	641902.53	4180425.57	8.34	0.00	8.34	
PERIOD		0.01846	ug/m^3	w	641927.53	4180425.57	8.28	0.00	8.28	
PERIOD		0.02071	ug/m^3	w	641952.53	4180425.57	8.28	0.00	8.28	
PERIOD		0.02247	ug/m^3	w	641977.53	4180425.57	8.21	0.00	8.21	
PERIOD		0.02401	ug/m^3	w	642002.53	4180425.57	8.19	0.00	8.19	
PERIOD		0.02530	ug/m^3	w	642027.53	4180425.57	8.16	0.00	8.16	
PERIOD		0.02633	ug/m^3	w	642052.53	4180425.57	8.14	0.00	8.14	
PERIOD		0.02723	ug/m^3	w	642077.53	4180425.57	8.12	0.00	8.12	
PERIOD		0.02800	ug/m^3	w	642102.53	4180425.57	8.10	0.00	8.10	
PERIOD		0.02855	ug/m^3	w	642127.53	4180425.57	8.04	0.00	8.04	
PERIOD		0.02891	ug/m^3	w	642152.53	4180425.57	8.01	0.00	8.01	
PERIOD		0.02908	ug/m^3	w	642177.53	4180425.57	7.99	0.00	7.99	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02906	ug/m^3	w	642202.53	4180425.57	7.96	0.00	7.96	
PERIOD		0.02878	ug/m^3	w	642227.53	4180425.57	7.93	0.00	7.93	
PERIOD		0.02804	ug/m^3	w	642252.53	4180425.57	7.92	0.00	7.92	
PERIOD		0.02661	ug/m^3	w	642277.53	4180425.57	7.82	0.00	7.82	
PERIOD		0.02395	ug/m^3	w	642302.53	4180425.57	7.92	0.00	7.92	
PERIOD		0.02102	ug/m^3	w	642327.53	4180425.57	7.89	0.00	7.89	
PERIOD		0.01889	ug/m^3	w	642352.53	4180425.57	7.86	0.00	7.86	
PERIOD		0.01709	ug/m^3	w	642377.53	4180425.57	7.81	0.00	7.81	
PERIOD		0.01567	ug/m^3	w	642402.53	4180425.57	7.77	0.00	7.77	
PERIOD		0.01452	ug/m^3	w	642427.53	4180425.57	7.73	0.00	7.73	
PERIOD		0.01364	ug/m^3	w	642452.53	4180425.57	7.95	0.00	7.95	
PERIOD		0.01271	ug/m^3	w	642477.53	4180425.57	7.55	0.00	7.55	
PERIOD		0.01195	ug/m^3	w	642502.53	4180425.57	7.38	0.00	7.38	
PERIOD		0.01130	ug/m^3	w	642527.53	4180425.57	7.29	0.00	7.29	
PERIOD		0.01071	ug/m^3	w	642552.53	4180425.57	7.22	0.00	7.22	
PERIOD		0.01018	ug/m^3	w	642577.53	4180425.57	7.17	0.00	7.17	
PERIOD		0.00996	ug/m^3	w	641852.53	4180450.57	8.52	0.00	8.52	
PERIOD		0.01220	ug/m^3	w	641877.53	4180450.57	8.29	0.00	8.29	
PERIOD		0.01553	ug/m^3	w	641902.53	4180450.57	8.25	0.00	8.25	
PERIOD		0.01846	ug/m^3	w	641927.53	4180450.57	8.20	0.00	8.20	
PERIOD		0.02069	ug/m^3	w	641952.53	4180450.57	8.19	0.00	8.19	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02246	ug/m^3	w	641977.53	4180450.57	8.13	0.00	8.13	
PERIOD		0.02399	ug/m^3	w	642002.53	4180450.57	8.11	0.00	8.11	
PERIOD		0.02528	ug/m^3	w	642027.53	4180450.57	8.09	0.00	8.09	
PERIOD		0.02631	ug/m^3	w	642052.53	4180450.57	8.07	0.00	8.07	
PERIOD		0.02720	ug/m^3	w	642077.53	4180450.57	8.05	0.00	8.05	
PERIOD		0.02796	ug/m^3	w	642102.53	4180450.57	8.03	0.00	8.03	
PERIOD		0.02851	ug/m^3	w	642127.53	4180450.57	7.98	0.00	7.98	
PERIOD		0.02884	ug/m^3	w	642152.53	4180450.57	7.94	0.00	7.94	
PERIOD		0.02900	ug/m^3	w	642177.53	4180450.57	7.91	0.00	7.91	
PERIOD		0.02899	ug/m^3	w	642202.53	4180450.57	7.89	0.00	7.89	
PERIOD		0.02870	ug/m^3	w	642227.53	4180450.57	7.86	0.00	7.86	
PERIOD		0.02798	ug/m^3	w	642252.53	4180450.57	7.85	0.00	7.85	
PERIOD		0.02658	ug/m^3	w	642277.53	4180450.57	7.77	0.00	7.77	
PERIOD		0.02388	ug/m^3	w	642302.53	4180450.57	7.87	0.00	7.87	
PERIOD		0.02108	ug/m^3	w	642327.53	4180450.57	7.84	0.00	7.84	
PERIOD		0.01900	ug/m^3	w	642352.53	4180450.57	7.81	0.00	7.81	
PERIOD		0.01720	ug/m^3	w	642377.53	4180450.57	7.73	0.00	7.73	
PERIOD		0.01578	ug/m^3	w	642402.53	4180450.57	7.69	0.00	7.69	
PERIOD		0.01471	ug/m^3	w	642427.53	4180450.57	7.91	0.00	7.91	
PERIOD		0.01364	ug/m^3	w	642452.53	4180450.57	7.47	0.00	7.47	
PERIOD		0.01279	ug/m^3	w	642477.53	4180450.57	7.34	0.00	7.34	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01206	ug/m^3	w	642502.53	4180450.57	7.27	0.00	7.27	
PERIOD		0.01140	ug/m^3	w	642527.53	4180450.57	7.20	0.00	7.20	
PERIOD		0.01081	ug/m^3	w	642552.53	4180450.57	7.12	0.00	7.12	
PERIOD		0.01027	ug/m^3	w	642577.53	4180450.57	7.03	0.00	7.03	
PERIOD		0.01002	ug/m^3	w	641852.53	4180475.57	8.46	0.00	8.46	
PERIOD		0.01225	ug/m^3	w	641877.53	4180475.57	8.21	0.00	8.21	
PERIOD		0.01557	ug/m^3	w	641902.53	4180475.57	8.17	0.00	8.17	
PERIOD		0.01842	ug/m^3	w	641927.53	4180475.57	8.11	0.00	8.11	
PERIOD		0.02064	ug/m^3	w	641952.53	4180475.57	8.11	0.00	8.11	
PERIOD		0.02242	ug/m^3	w	641977.53	4180475.57	8.05	0.00	8.05	
PERIOD		0.02395	ug/m^3	w	642002.53	4180475.57	8.04	0.00	8.04	
PERIOD		0.02523	ug/m^3	w	642027.53	4180475.57	8.01	0.00	8.01	
PERIOD		0.02625	ug/m^3	w	642052.53	4180475.57	7.99	0.00	7.99	
PERIOD		0.02713	ug/m^3	w	642077.53	4180475.57	7.97	0.00	7.97	
PERIOD		0.02788	ug/m^3	w	642102.53	4180475.57	7.95	0.00	7.95	
PERIOD		0.02842	ug/m^3	w	642127.53	4180475.57	7.90	0.00	7.90	
PERIOD		0.02875	ug/m^3	w	642152.53	4180475.57	7.87	0.00	7.87	
PERIOD		0.02890	ug/m^3	w	642177.53	4180475.57	7.83	0.00	7.83	
PERIOD		0.02889	ug/m^3	w	642202.53	4180475.57	7.82	0.00	7.82	
PERIOD		0.02861	ug/m^3	w	642227.53	4180475.57	7.79	0.00	7.79	
PERIOD		0.02790	ug/m^3	w	642252.53	4180475.57	7.77	0.00	7.77	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02650	ug/m^3	w	642277.53	4180475.57	7.68	0.00	7.68	
PERIOD		0.02382	ug/m^3	w	642302.53	4180475.57	7.80	0.00	7.80	
PERIOD		0.02122	ug/m^3	w	642327.53	4180475.57	7.78	0.00	7.78	
PERIOD		0.01918	ug/m^3	w	642352.53	4180475.57	7.73	0.00	7.73	
PERIOD		0.01740	ug/m^3	w	642377.53	4180475.57	7.68	0.00	7.68	
PERIOD		0.01604	ug/m^3	w	642402.53	4180475.57	7.85	0.00	7.85	
PERIOD		0.01475	ug/m^3	w	642427.53	4180475.57	7.38	0.00	7.38	
PERIOD		0.01378	ug/m^3	w	642452.53	4180475.57	7.30	0.00	7.30	
PERIOD		0.01295	ug/m^3	w	642477.53	4180475.57	7.23	0.00	7.23	
PERIOD		0.01221	ug/m^3	w	642502.53	4180475.57	7.16	0.00	7.16	
PERIOD		0.01155	ug/m^3	w	642527.53	4180475.57	7.10	0.00	7.10	
PERIOD		0.01095	ug/m^3	w	642552.53	4180475.57	7.01	0.00	7.01	
PERIOD		0.01040	ug/m^3	w	642577.53	4180475.57	6.92	0.00	6.92	
PERIOD		0.01008	ug/m^3	w	641852.53	4180500.57	8.36	0.00	8.36	
PERIOD		0.01225	ug/m^3	w	641877.53	4180500.57	8.11	0.00	8.11	
PERIOD		0.01555	ug/m^3	w	641902.53	4180500.57	8.09	0.00	8.09	
PERIOD		0.01834	ug/m^3	w	641927.53	4180500.57	8.04	0.00	8.04	
PERIOD		0.02058	ug/m^3	w	641952.53	4180500.57	8.04	0.00	8.04	
PERIOD		0.02236	ug/m^3	w	641977.53	4180500.57	7.98	0.00	7.98	
PERIOD		0.02388	ug/m^3	w	642002.53	4180500.57	7.96	0.00	7.96	
PERIOD		0.02514	ug/m^3	w	642027.53	4180500.57	7.93	0.00	7.93	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02615	ug/m^3	w	642052.53	4180500.57	7.91	0.00	7.91	
PERIOD		0.02701	ug/m^3	w	642077.53	4180500.57	7.89	0.00	7.89	
PERIOD		0.02775	ug/m^3	w	642102.53	4180500.57	7.87	0.00	7.87	
PERIOD		0.02830	ug/m^3	w	642127.53	4180500.57	7.83	0.00	7.83	
PERIOD		0.02861	ug/m^3	w	642152.53	4180500.57	7.79	0.00	7.79	
PERIOD		0.02877	ug/m^3	w	642177.53	4180500.57	7.75	0.00	7.75	
PERIOD		0.02876	ug/m^3	w	642202.53	4180500.57	7.74	0.00	7.74	
PERIOD		0.02849	ug/m^3	w	642227.53	4180500.57	7.71	0.00	7.71	
PERIOD		0.02782	ug/m^3	w	642252.53	4180500.57	7.69	0.00	7.69	
PERIOD		0.02651	ug/m^3	w	642277.53	4180500.57	7.61	0.00	7.61	
PERIOD		0.02393	ug/m^3	w	642302.53	4180500.57	7.70	0.00	7.70	
PERIOD		0.02152	ug/m^3	w	642327.53	4180500.57	7.67	0.00	7.67	
PERIOD		0.01959	ug/m^3	w	642352.53	4180500.57	7.74	0.00	7.74	
PERIOD		0.01785	ug/m^3	w	642377.53	4180500.57	7.76	0.00	7.76	
PERIOD		0.01623	ug/m^3	w	642402.53	4180500.57	7.34	0.00	7.34	
PERIOD		0.01505	ug/m^3	w	642427.53	4180500.57	7.27	0.00	7.27	
PERIOD		0.01405	ug/m^3	w	642452.53	4180500.57	7.20	0.00	7.20	
PERIOD		0.01319	ug/m^3	w	642477.53	4180500.57	7.12	0.00	7.12	
PERIOD		0.01243	ug/m^3	w	642502.53	4180500.57	7.06	0.00	7.06	
PERIOD		0.01174	ug/m^3	w	642527.53	4180500.57	6.99	0.00	6.99	
PERIOD		0.01113	ug/m^3	w	642552.53	4180500.57	6.92	0.00	6.92	

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01056	ug/m^3	w	642577.53	4180500.57	6.83	0.00	6.83	
PERIOD		0.01011	ug/m^3	w	641852.53	4180525.57	8.23	0.00	8.23	
PERIOD		0.01225	ug/m^3	w	641877.53	4180525.57	8.01	0.00	8.01	
PERIOD		0.01545	ug/m^3	w	641902.53	4180525.57	8.00	0.00	8.00	
PERIOD		0.01823	ug/m^3	w	641927.53	4180525.57	7.96	0.00	7.96	
PERIOD		0.02047	ug/m^3	w	641952.53	4180525.57	7.94	0.00	7.94	
PERIOD		0.02226	ug/m^3	w	641977.53	4180525.57	7.90	0.00	7.90	
PERIOD		0.02375	ug/m^3	w	642002.53	4180525.57	7.88	0.00	7.88	
PERIOD		0.02499	ug/m^3	w	642027.53	4180525.57	7.85	0.00	7.85	
PERIOD		0.02599	ug/m^3	w	642052.53	4180525.57	7.83	0.00	7.83	
PERIOD		0.02684	ug/m^3	w	642077.53	4180525.57	7.81	0.00	7.81	
PERIOD		0.02756	ug/m^3	w	642102.53	4180525.57	7.79	0.00	7.79	
PERIOD		0.02810	ug/m^3	w	642127.53	4180525.57	7.74	0.00	7.74	
PERIOD		0.02842	ug/m^3	w	642152.53	4180525.57	7.70	0.00	7.70	
PERIOD		0.02858	ug/m^3	w	642177.53	4180525.57	7.66	0.00	7.66	
PERIOD		0.02859	ug/m^3	w	642202.53	4180525.57	7.65	0.00	7.65	
PERIOD		0.02835	ug/m^3	w	642227.53	4180525.57	7.61	0.00	7.61	
PERIOD		0.02774	ug/m^3	w	642252.53	4180525.57	7.59	0.00	7.59	
PERIOD		0.02667	ug/m^3	w	642277.53	4180525.57	7.55	0.00	7.55	
PERIOD		0.02455	ug/m^3	w	642302.53	4180525.57	7.57	0.00	7.57	
PERIOD		0.02259	ug/m^3	w	642327.53	4180525.57	7.73	0.00	7.73	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02050	ug/m^3	w	642352.53	4180525.57	7.62	0.00	7.62	
PERIOD		0.01844	ug/m^3	w	642377.53	4180525.57	7.28	0.00	7.28	
PERIOD		0.01687	ug/m^3	w	642402.53	4180525.57	7.22	0.00	7.22	
PERIOD		0.01556	ug/m^3	w	642427.53	4180525.57	7.15	0.00	7.15	
PERIOD		0.01447	ug/m^3	w	642452.53	4180525.57	7.10	0.00	7.10	
PERIOD		0.01354	ug/m^3	w	642477.53	4180525.57	7.03	0.00	7.03	
PERIOD		0.01272	ug/m^3	w	642502.53	4180525.57	6.93	0.00	6.93	
PERIOD		0.01200	ug/m^3	w	642527.53	4180525.57	6.87	0.00	6.87	
PERIOD		0.01135	ug/m^3	w	642552.53	4180525.57	6.80	0.00	6.80	
PERIOD		0.01075	ug/m^3	w	642577.53	4180525.57	6.71	0.00	6.71	
PERIOD		0.01026	ug/m^3	w	641852.53	4180550.57	8.16	0.00	8.16	
PERIOD		0.01223	ug/m^3	w	641877.53	4180550.57	7.94	0.00	7.94	
PERIOD		0.01530	ug/m^3	w	641902.53	4180550.57	7.93	0.00	7.93	
PERIOD		0.01808	ug/m^3	w	641927.53	4180550.57	7.88	0.00	7.88	
PERIOD		0.02031	ug/m^3	w	641952.53	4180550.57	7.86	0.00	7.86	
PERIOD		0.02206	ug/m^3	w	641977.53	4180550.57	7.81	0.00	7.81	
PERIOD		0.02355	ug/m^3	w	642002.53	4180550.57	7.80	0.00	7.80	
PERIOD		0.02477	ug/m^3	w	642027.53	4180550.57	7.77	0.00	7.77	
PERIOD		0.02576	ug/m^3	w	642052.53	4180550.57	7.75	0.00	7.75	
PERIOD		0.02660	ug/m^3	w	642077.53	4180550.57	7.72	0.00	7.72	
PERIOD		0.02730	ug/m^3	w	642102.53	4180550.57	7.70	0.00	7.70	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02781	ug/m^3	w	642127.53	4180550.57	7.63	0.00	7.63	
PERIOD		0.02815	ug/m^3	w	642152.53	4180550.57	7.60	0.00	7.60	
PERIOD		0.02834	ug/m^3	w	642177.53	4180550.57	7.57	0.00	7.57	
PERIOD		0.02844	ug/m^3	w	642202.53	4180550.57	7.63	0.00	7.63	
PERIOD		0.02839	ug/m^3	w	642227.53	4180550.57	7.75	0.00	7.75	
PERIOD		0.02790	ug/m^3	w	642252.53	4180550.57	7.72	0.00	7.72	
PERIOD		0.02727	ug/m^3	w	642277.53	4180550.57	7.71	0.00	7.71	
PERIOD		0.02609	ug/m^3	w	642302.53	4180550.57	7.66	0.00	7.66	
PERIOD		0.02492	ug/m^3	w	642327.53	4180550.57	7.57	0.00	7.57	
PERIOD		0.02242	ug/m^3	w	642352.53	4180550.57	7.20	0.00	7.20	
PERIOD		0.01986	ug/m^3	w	642377.53	4180550.57	7.16	0.00	7.16	
PERIOD		0.01791	ug/m^3	w	642402.53	4180550.57	7.11	0.00	7.11	
PERIOD		0.01636	ug/m^3	w	642427.53	4180550.57	7.04	0.00	7.04	
PERIOD		0.01508	ug/m^3	w	642452.53	4180550.57	6.98	0.00	6.98	
PERIOD		0.01402	ug/m^3	w	642477.53	4180550.57	6.92	0.00	6.92	
PERIOD		0.01312	ug/m^3	w	642502.53	4180550.57	6.82	0.00	6.82	
PERIOD		0.01233	ug/m^3	w	642527.53	4180550.57	6.74	0.00	6.74	
PERIOD		0.01163	ug/m^3	w	642552.53	4180550.57	6.68	0.00	6.68	
PERIOD		0.01099	ug/m^3	w	642577.53	4180550.57	6.60	0.00	6.60	
PERIOD		0.01070	ug/m^3	w	641852.53	4180575.57	8.29	0.00	8.29	
PERIOD		0.01208	ug/m^3	w	641877.53	4180575.57	7.86	0.00	7.86	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01498	ug/m^3	w	641902.53	4180575.57	7.85	0.00	7.85	
PERIOD		0.01777	ug/m^3	w	641927.53	4180575.57	7.80	0.00	7.80	
PERIOD		0.01999	ug/m^3	w	641952.53	4180575.57	7.78	0.00	7.78	
PERIOD		0.02175	ug/m^3	w	641977.53	4180575.57	7.73	0.00	7.73	
PERIOD		0.02322	ug/m^3	w	642002.53	4180575.57	7.70	0.00	7.70	
PERIOD		0.02443	ug/m^3	w	642027.53	4180575.57	7.66	0.00	7.66	
PERIOD		0.02542	ug/m^3	w	642052.53	4180575.57	7.64	0.00	7.64	
PERIOD		0.02623	ug/m^3	w	642077.53	4180575.57	7.59	0.00	7.59	
PERIOD		0.02697	ug/m^3	w	642102.53	4180575.57	7.63	0.00	7.63	
PERIOD		0.02759	ug/m^3	w	642127.53	4180575.57	7.68	0.00	7.68	
PERIOD		0.02797	ug/m^3	w	642152.53	4180575.57	7.67	0.00	7.67	
PERIOD		0.02824	ug/m^3	w	642177.53	4180575.57	7.72	0.00	7.72	
PERIOD		0.02826	ug/m^3	w	642202.53	4180575.57	7.65	0.00	7.65	
PERIOD		0.02818	ug/m^3	w	642227.53	4180575.57	7.64	0.00	7.64	
PERIOD		0.02787	ug/m^3	w	642252.53	4180575.57	7.57	0.00	7.57	
PERIOD		0.02743	ug/m^3	w	642277.53	4180575.57	7.51	0.00	7.51	
PERIOD		0.02675	ug/m^3	w	642302.53	4180575.57	7.43	0.00	7.43	
PERIOD		0.02577	ug/m^3	w	642327.53	4180575.57	7.31	0.00	7.31	
PERIOD		0.02459	ug/m^3	w	642352.53	4180575.57	7.14	0.00	7.14	
PERIOD		0.02174	ug/m^3	w	642377.53	4180575.57	7.02	0.00	7.02	
PERIOD		0.01926	ug/m^3	w	642402.53	4180575.57	6.98	0.00	6.98	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01738	ug/m^3	w	642427.53	4180575.57	6.93	0.00	6.93	
PERIOD		0.01585	ug/m^3	w	642452.53	4180575.57	6.86	0.00	6.86	
PERIOD		0.01460	ug/m^3	w	642477.53	4180575.57	6.79	0.00	6.79	
PERIOD		0.01359	ug/m^3	w	642502.53	4180575.57	6.73	0.00	6.73	
PERIOD		0.01272	ug/m^3	w	642527.53	4180575.57	6.63	0.00	6.63	
PERIOD		0.01195	ug/m^3	w	642552.53	4180575.57	6.55	0.00	6.55	
PERIOD		0.01126	ug/m^3	w	642577.53	4180575.57	6.48	0.00	6.48	
PERIOD		0.00958	ug/m^3	w	641852.53	4180600.57	8.00	0.00	8.00	
PERIOD		0.01164	ug/m^3	w	641877.53	4180600.57	7.80	0.00	7.80	
PERIOD		0.01416	ug/m^3	w	641902.53	4180600.57	7.74	0.00	7.74	
PERIOD		0.01710	ug/m^3	w	641927.53	4180600.57	7.70	0.00	7.70	
PERIOD		0.01939	ug/m^3	w	641952.53	4180600.57	7.66	0.00	7.66	
PERIOD		0.02121	ug/m^3	w	641977.53	4180600.57	7.63	0.00	7.63	
PERIOD		0.02273	ug/m^3	w	642002.53	4180600.57	7.62	0.00	7.62	
PERIOD		0.02388	ug/m^3	w	642027.53	4180600.57	7.49	0.00	7.49	
PERIOD		0.02500	ug/m^3	w	642052.53	4180600.57	7.62	0.00	7.62	
PERIOD		0.02584	ug/m^3	w	642077.53	4180600.57	7.60	0.00	7.60	
PERIOD		0.02653	ug/m^3	w	642102.53	4180600.57	7.59	0.00	7.59	
PERIOD		0.02702	ug/m^3	w	642127.53	4180600.57	7.51	0.00	7.51	
PERIOD		0.02750	ug/m^3	w	642152.53	4180600.57	7.58	0.00	7.58	
PERIOD		0.02771	ug/m^3	w	642177.53	4180600.57	7.51	0.00	7.51	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02787	ug/m^3	w	642202.53	4180600.57	7.51	0.00	7.51	
PERIOD		0.02791	ug/m^3	w	642227.53	4180600.57	7.50	0.00	7.50	
PERIOD		0.02779	ug/m^3	w	642252.53	4180600.57	7.46	0.00	7.46	
PERIOD		0.02753	ug/m^3	w	642277.53	4180600.57	7.42	0.00	7.42	
PERIOD		0.02708	ug/m^3	w	642302.53	4180600.57	7.35	0.00	7.35	
PERIOD		0.02636	ug/m^3	w	642327.53	4180600.57	7.25	0.00	7.25	
PERIOD		0.02533	ug/m^3	w	642352.53	4180600.57	7.12	0.00	7.12	
PERIOD		0.02401	ug/m^3	w	642377.53	4180600.57	6.93	0.00	6.93	
PERIOD		0.02114	ug/m^3	w	642402.53	4180600.57	6.86	0.00	6.86	
PERIOD		0.01861	ug/m^3	w	642427.53	4180600.57	6.80	0.00	6.80	
PERIOD		0.01677	ug/m^3	w	642452.53	4180600.57	6.74	0.00	6.74	
PERIOD		0.01529	ug/m^3	w	642477.53	4180600.57	6.66	0.00	6.66	
PERIOD		0.01412	ug/m^3	w	642502.53	4180600.57	6.60	0.00	6.60	
PERIOD		0.01315	ug/m^3	w	642527.53	4180600.57	6.53	0.00	6.53	
PERIOD		0.01230	ug/m^3	w	642552.53	4180600.57	6.43	0.00	6.43	
PERIOD		0.01155	ug/m^3	w	642577.53	4180600.57	6.37	0.00	6.37	
PERIOD		0.00886	ug/m^3	w	641852.53	4180625.57	7.77	0.00	7.77	
PERIOD		0.01124	ug/m^3	w	641877.53	4180625.57	7.91	0.00	7.91	
PERIOD		0.01314	ug/m^3	w	641902.53	4180625.57	7.64	0.00	7.64	
PERIOD		0.01620	ug/m^3	w	641927.53	4180625.57	7.57	0.00	7.57	
PERIOD		0.01862	ug/m^3	w	641952.53	4180625.57	7.60	0.00	7.60	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02056	ug/m^3	w	641977.53	4180625.57	7.61	0.00	7.61	
PERIOD		0.02212	ug/m^3	w	642002.53	4180625.57	7.60	0.00	7.60	
PERIOD		0.02333	ug/m^3	w	642027.53	4180625.57	7.52	0.00	7.52	
PERIOD		0.02431	ug/m^3	w	642052.53	4180625.57	7.46	0.00	7.46	
PERIOD		0.02512	ug/m^3	w	642077.53	4180625.57	7.42	0.00	7.42	
PERIOD		0.02577	ug/m^3	w	642102.53	4180625.57	7.37	0.00	7.37	
PERIOD		0.02630	ug/m^3	w	642127.53	4180625.57	7.33	0.00	7.33	
PERIOD		0.02668	ug/m^3	w	642152.53	4180625.57	7.28	0.00	7.28	
PERIOD		0.02714	ug/m^3	w	642177.53	4180625.57	7.41	0.00	7.41	
PERIOD		0.02739	ug/m^3	w	642202.53	4180625.57	7.42	0.00	7.42	
PERIOD		0.02755	ug/m^3	w	642227.53	4180625.57	7.42	0.00	7.42	
PERIOD		0.02757	ug/m^3	w	642252.53	4180625.57	7.39	0.00	7.39	
PERIOD		0.02742	ug/m^3	w	642277.53	4180625.57	7.32	0.00	7.32	
PERIOD		0.02712	ug/m^3	w	642302.53	4180625.57	7.26	0.00	7.26	
PERIOD		0.02663	ug/m^3	w	642327.53	4180625.57	7.16	0.00	7.16	
PERIOD		0.02587	ug/m^3	w	642352.53	4180625.57	7.04	0.00	7.04	
PERIOD		0.02475	ug/m^3	w	642377.53	4180625.57	6.92	0.00	6.92	
PERIOD		0.02336	ug/m^3	w	642402.53	4180625.57	6.72	0.00	6.72	
PERIOD		0.02052	ug/m^3	w	642427.53	4180625.57	6.66	0.00	6.66	
PERIOD		0.01800	ug/m^3	w	642452.53	4180625.57	6.61	0.00	6.61	
PERIOD		0.01617	ug/m^3	w	642477.53	4180625.57	6.55	0.00	6.55	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01474	ug/m^3	w	642502.53	4180625.57	6.47	0.00	6.47	
PERIOD		0.01362	ug/m^3	w	642527.53	4180625.57	6.39	0.00	6.39	
PERIOD		0.01268	ug/m^3	w	642552.53	4180625.57	6.31	0.00	6.31	
PERIOD		0.01185	ug/m^3	w	642577.53	4180625.57	6.25	0.00	6.25	
PERIOD		0.00846	ug/m^3	w	641852.53	4180650.57	8.10	0.00	8.10	
PERIOD		0.01035	ug/m^3	w	641877.53	4180650.57	7.96	0.00	7.96	
PERIOD		0.01214	ug/m^3	w	641902.53	4180650.57	7.67	0.00	7.67	
PERIOD		0.01523	ug/m^3	w	641927.53	4180650.57	7.50	0.00	7.50	
PERIOD		0.01772	ug/m^3	w	641952.53	4180650.57	7.46	0.00	7.46	
PERIOD		0.01967	ug/m^3	w	641977.53	4180650.57	7.42	0.00	7.42	
PERIOD		0.02121	ug/m^3	w	642002.53	4180650.57	7.38	0.00	7.38	
PERIOD		0.02244	ug/m^3	w	642027.53	4180650.57	7.35	0.00	7.35	
PERIOD		0.02341	ug/m^3	w	642052.53	4180650.57	7.31	0.00	7.31	
PERIOD		0.02419	ug/m^3	w	642077.53	4180650.57	7.30	0.00	7.30	
PERIOD		0.02483	ug/m^3	w	642102.53	4180650.57	7.26	0.00	7.26	
PERIOD		0.02537	ug/m^3	w	642127.53	4180650.57	7.21	0.00	7.21	
PERIOD		0.02588	ug/m^3	w	642152.53	4180650.57	7.24	0.00	7.24	
PERIOD		0.02635	ug/m^3	w	642177.53	4180650.57	7.32	0.00	7.32	
PERIOD		0.02672	ug/m^3	w	642202.53	4180650.57	7.33	0.00	7.33	
PERIOD		0.02699	ug/m^3	w	642227.53	4180650.57	7.35	0.00	7.35	
PERIOD		0.02711	ug/m^3	w	642252.53	4180650.57	7.30	0.00	7.30	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02710	ug/m^3	w	642277.53	4180650.57	7.23	0.00	7.23	
PERIOD		0.02694	ug/m^3	w	642302.53	4180650.57	7.16	0.00	7.16	
PERIOD		0.02663	ug/m^3	w	642327.53	4180650.57	7.06	0.00	7.06	
PERIOD		0.02611	ug/m^3	w	642352.53	4180650.57	6.95	0.00	6.95	
PERIOD		0.02529	ug/m^3	w	642377.53	4180650.57	6.84	0.00	6.84	
PERIOD		0.02419	ug/m^3	w	642402.53	4180650.57	6.71	0.00	6.71	
PERIOD		0.02265	ug/m^3	w	642427.53	4180650.57	6.52	0.00	6.52	
PERIOD		0.01982	ug/m^3	w	642452.53	4180650.57	6.47	0.00	6.47	
PERIOD		0.01742	ug/m^3	w	642477.53	4180650.57	6.41	0.00	6.41	
PERIOD		0.01558	ug/m^3	w	642502.53	4180650.57	6.33	0.00	6.33	
PERIOD		0.01420	ug/m^3	w	642527.53	4180650.57	6.25	0.00	6.25	
PERIOD		0.01310	ug/m^3	w	642552.53	4180650.57	6.16	0.00	6.16	
PERIOD		0.01218	ug/m^3	w	642577.53	4180650.57	6.11	0.00	6.11	
PERIOD		0.00783	ug/m^3	w	641852.53	4180675.57	7.27	0.00	7.27	
PERIOD		0.00927	ug/m^3	w	641877.53	4180675.57	7.32	0.00	7.32	
PERIOD		0.01132	ug/m^3	w	641902.53	4180675.57	7.08	0.00	7.08	
PERIOD		0.01392	ug/m^3	w	641927.53	4180675.57	7.35	0.00	7.35	
PERIOD		0.01664	ug/m^3	w	641952.53	4180675.57	7.32	0.00	7.32	
PERIOD		0.01863	ug/m^3	w	641977.53	4180675.57	7.30	0.00	7.30	
PERIOD		0.02013	ug/m^3	w	642002.53	4180675.57	7.28	0.00	7.28	
PERIOD		0.02126	ug/m^3	w	642027.53	4180675.57	7.27	0.00	7.27	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02209	ug/m^3	w	642052.53	4180675.57	7.23	0.00	7.23	
PERIOD		0.02278	ug/m^3	w	642077.53	4180675.57	7.20	0.00	7.20	
PERIOD		0.02343	ug/m^3	w	642102.53	4180675.57	7.17	0.00	7.17	
PERIOD		0.02402	ug/m^3	w	642127.53	4180675.57	7.14	0.00	7.14	
PERIOD		0.02461	ug/m^3	w	642152.53	4180675.57	7.13	0.00	7.13	
PERIOD		0.02509	ug/m^3	w	642177.53	4180675.57	7.04	0.00	7.04	
PERIOD		0.02571	ug/m^3	w	642202.53	4180675.57	7.24	0.00	7.24	
PERIOD		0.02615	ug/m^3	w	642227.53	4180675.57	7.26	0.00	7.26	
PERIOD		0.02641	ug/m^3	w	642252.53	4180675.57	7.21	0.00	7.21	
PERIOD		0.02652	ug/m^3	w	642277.53	4180675.57	7.12	0.00	7.12	
PERIOD		0.02652	ug/m^3	w	642302.53	4180675.57	7.04	0.00	7.04	
PERIOD		0.02639	ug/m^3	w	642327.53	4180675.57	6.95	0.00	6.95	
PERIOD		0.02611	ug/m^3	w	642352.53	4180675.57	6.85	0.00	6.85	
PERIOD		0.02555	ug/m^3	w	642377.53	4180675.57	6.74	0.00	6.74	
PERIOD		0.02467	ug/m^3	w	642402.53	4180675.57	6.63	0.00	6.63	
PERIOD		0.02362	ug/m^3	w	642427.53	4180675.57	6.48	0.00	6.48	
PERIOD		0.02183	ug/m^3	w	642452.53	4180675.57	6.33	0.00	6.33	
PERIOD		0.01907	ug/m^3	w	642477.53	4180675.57	6.27	0.00	6.27	
PERIOD		0.01682	ug/m^3	w	642502.53	4180675.57	6.21	0.00	6.21	
PERIOD		0.01500	ug/m^3	w	642527.53	4180675.57	6.13	0.00	6.13	
PERIOD		0.01365	ug/m^3	w	642552.53	4180675.57	6.06	0.00	6.06	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01256	ug/m^3	w	642577.53	4180675.57	5.98	0.00	5.98	
PERIOD		0.00741	ug/m^3	w	641852.53	4180700.57	7.16	0.00	7.16	
PERIOD		0.00854	ug/m^3	w	641877.53	4180700.57	7.13	0.00	7.13	
PERIOD		0.01074	ug/m^3	w	641902.53	4180700.57	7.38	0.00	7.38	
PERIOD		0.01244	ug/m^3	w	641927.53	4180700.57	7.24	0.00	7.24	
PERIOD		0.01518	ug/m^3	w	641952.53	4180700.57	7.20	0.00	7.20	
PERIOD		0.01711	ug/m^3	w	641977.53	4180700.57	7.20	0.00	7.20	
PERIOD		0.01833	ug/m^3	w	642002.53	4180700.57	7.17	0.00	7.17	
PERIOD		0.01907	ug/m^3	w	642027.53	4180700.57	7.16	0.00	7.16	
PERIOD		0.01961	ug/m^3	w	642052.53	4180700.57	7.15	0.00	7.15	
PERIOD		0.02020	ug/m^3	w	642077.53	4180700.57	7.12	0.00	7.12	
PERIOD		0.02097	ug/m^3	w	642102.53	4180700.57	7.10	0.00	7.10	
PERIOD		0.02169	ug/m^3	w	642127.53	4180700.57	7.05	0.00	7.05	
PERIOD		0.02258	ug/m^3	w	642152.53	4180700.57	7.05	0.00	7.05	
PERIOD		0.02349	ug/m^3	w	642177.53	4180700.57	7.06	0.00	7.06	
PERIOD		0.02429	ug/m^3	w	642202.53	4180700.57	7.14	0.00	7.14	
PERIOD		0.02491	ug/m^3	w	642227.53	4180700.57	7.14	0.00	7.14	
PERIOD		0.02537	ug/m^3	w	642252.53	4180700.57	7.10	0.00	7.10	
PERIOD		0.02570	ug/m^3	w	642277.53	4180700.57	7.01	0.00	7.01	
PERIOD		0.02589	ug/m^3	w	642302.53	4180700.57	6.93	0.00	6.93	
PERIOD		0.02595	ug/m^3	w	642327.53	4180700.57	6.84	0.00	6.84	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02583	ug/m^3	w	642352.53	4180700.57	6.74	0.00	6.74	
PERIOD		0.02554	ug/m^3	w	642377.53	4180700.57	6.64	0.00	6.64	
PERIOD		0.02497	ug/m^3	w	642402.53	4180700.57	6.52	0.00	6.52	
PERIOD		0.02404	ug/m^3	w	642427.53	4180700.57	6.41	0.00	6.41	
PERIOD		0.02300	ug/m^3	w	642452.53	4180700.57	6.25	0.00	6.25	
PERIOD		0.02097	ug/m^3	w	642477.53	4180700.57	6.14	0.00	6.14	
PERIOD		0.01828	ug/m^3	w	642502.53	4180700.57	6.06	0.00	6.06	
PERIOD		0.01617	ug/m^3	w	642527.53	4180700.57	6.00	0.00	6.00	
PERIOD		0.01441	ug/m^3	w	642552.53	4180700.57	5.92	0.00	5.92	
PERIOD		0.01305	ug/m^3	w	642577.53	4180700.57	5.87	0.00	5.87	
PERIOD		0.00700	ug/m^3	w	641852.53	4180725.57	7.07	0.00	7.07	
PERIOD		0.00793	ug/m^3	w	641877.53	4180725.57	7.06	0.00	7.06	
PERIOD		0.00963	ug/m^3	w	641902.53	4180725.57	7.54	0.00	7.54	
PERIOD		0.01084	ug/m^3	w	641927.53	4180725.57	6.99	0.00	6.99	
PERIOD		0.01274	ug/m^3	w	641952.53	4180725.57	7.11	0.00	7.11	
PERIOD		0.01406	ug/m^3	w	641977.53	4180725.57	7.10	0.00	7.10	
PERIOD		0.01474	ug/m^3	w	642002.53	4180725.57	7.07	0.00	7.07	
PERIOD		0.01512	ug/m^3	w	642027.53	4180725.57	7.04	0.00	7.04	
PERIOD		0.01543	ug/m^3	w	642052.53	4180725.57	7.05	0.00	7.05	
PERIOD		0.01588	ug/m^3	w	642077.53	4180725.57	7.04	0.00	7.04	
PERIOD		0.01650	ug/m^3	w	642102.53	4180725.57	7.01	0.00	7.01	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01743	ug/m^3	w	642127.53	4180725.57	6.97	0.00	6.97	
PERIOD		0.01925	ug/m^3	w	642152.53	4180725.57	6.95	0.00	6.95	
PERIOD		0.02096	ug/m^3	w	642177.53	4180725.57	6.99	0.00	6.99	
PERIOD		0.02228	ug/m^3	w	642202.53	4180725.57	6.99	0.00	6.99	
PERIOD		0.02329	ug/m^3	w	642227.53	4180725.57	7.00	0.00	7.00	
PERIOD		0.02405	ug/m^3	w	642252.53	4180725.57	6.97	0.00	6.97	
PERIOD		0.02461	ug/m^3	w	642277.53	4180725.57	6.89	0.00	6.89	
PERIOD		0.02500	ug/m^3	w	642302.53	4180725.57	6.80	0.00	6.80	
PERIOD		0.02524	ug/m^3	w	642327.53	4180725.57	6.72	0.00	6.72	
PERIOD		0.02533	ug/m^3	w	642352.53	4180725.57	6.63	0.00	6.63	
PERIOD		0.02524	ug/m^3	w	642377.53	4180725.57	6.54	0.00	6.54	
PERIOD		0.02490	ug/m^3	w	642402.53	4180725.57	6.43	0.00	6.43	
PERIOD		0.02426	ug/m^3	w	642427.53	4180725.57	6.31	0.00	6.31	
PERIOD		0.02335	ug/m^3	w	642452.53	4180725.57	6.19	0.00	6.19	
PERIOD		0.02233	ug/m^3	w	642477.53	4180725.57	6.07	0.00	6.07	
PERIOD		0.02004	ug/m^3	w	642502.53	4180725.57	5.93	0.00	5.93	
PERIOD		0.01742	ug/m^3	w	642527.53	4180725.57	5.85	0.00	5.85	
PERIOD		0.01543	ug/m^3	w	642552.53	4180725.57	5.80	0.00	5.80	
PERIOD		0.01374	ug/m^3	w	642577.53	4180725.57	5.74	0.00	5.74	
PERIOD		0.00662	ug/m^3	w	641852.53	4180750.57	6.97	0.00	6.97	
PERIOD		0.00739	ug/m^3	w	641877.53	4180750.57	7.00	0.00	7.00	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00852	ug/m^3	w	641902.53	4180750.57	7.28	0.00	7.28	
PERIOD		0.00939	ug/m^3	w	641927.53	4180750.57	7.37	0.00	8.29	
PERIOD		0.01004	ug/m^3	w	641952.53	4180750.57	7.03	0.00	7.03	
PERIOD		0.01077	ug/m^3	w	641977.53	4180750.57	7.00	0.00	7.00	
PERIOD		0.01139	ug/m^3	w	642002.53	4180750.57	6.97	0.00	6.97	
PERIOD		0.01191	ug/m^3	w	642027.53	4180750.57	6.94	0.00	6.94	
PERIOD		0.01241	ug/m^3	w	642052.53	4180750.57	6.94	0.00	6.94	
PERIOD		0.01301	ug/m^3	w	642077.53	4180750.57	6.93	0.00	6.93	
PERIOD		0.01362	ug/m^3	w	642102.53	4180750.57	6.93	0.00	6.93	
PERIOD		0.01440	ug/m^3	w	642127.53	4180750.57	6.90	0.00	6.90	
PERIOD		0.01540	ug/m^3	w	642152.53	4180750.57	6.88	0.00	6.88	
PERIOD		0.01760	ug/m^3	w	642177.53	4180750.57	6.86	0.00	6.86	
PERIOD		0.01970	ug/m^3	w	642202.53	4180750.57	6.82	0.00	6.82	
PERIOD		0.02128	ug/m^3	w	642227.53	4180750.57	6.84	0.00	6.84	
PERIOD		0.02243	ug/m^3	w	642252.53	4180750.57	6.82	0.00	6.82	
PERIOD		0.02328	ug/m^3	w	642277.53	4180750.57	6.75	0.00	6.75	
PERIOD		0.02391	ug/m^3	w	642302.53	4180750.57	6.69	0.00	6.69	
PERIOD		0.02435	ug/m^3	w	642327.53	4180750.57	6.60	0.00	6.60	
PERIOD		0.02462	ug/m^3	w	642352.53	4180750.57	6.53	0.00	6.53	
PERIOD		0.02469	ug/m^3	w	642377.53	4180750.57	6.43	0.00	6.43	
PERIOD		0.02456	ug/m^3	w	642402.53	4180750.57	6.33	0.00	6.33	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02419	ug/m^3	w	642427.53	4180750.57	6.22	0.00	6.22	
PERIOD		0.02349	ug/m^3	w	642452.53	4180750.57	6.08	0.00	6.08	
PERIOD		0.02255	ug/m^3	w	642477.53	4180750.57	5.97	0.00	5.97	
PERIOD		0.02150	ug/m^3	w	642502.53	4180750.57	5.85	0.00	5.85	
PERIOD		0.01901	ug/m^3	w	642527.53	4180750.57	5.75	0.00	5.75	
PERIOD		0.01648	ug/m^3	w	642552.53	4180750.57	5.67	0.00	5.67	
PERIOD		0.01453	ug/m^3	w	642577.53	4180750.57	5.62	0.00	5.62	
PERIOD		0.00626	ug/m^3	w	641852.53	4180775.57	6.84	0.00	6.84	
PERIOD		0.00689	ug/m^3	w	641877.53	4180775.57	6.87	0.00	6.87	
PERIOD		0.00757	ug/m^3	w	641902.53	4180775.57	6.86	0.00	9.01	
PERIOD		0.00868	ug/m^3	w	641927.53	4180775.57	8.91	0.00	8.91	
PERIOD		0.00867	ug/m^3	w	641952.53	4180775.57	6.89	0.00	10.36	
PERIOD		0.00923	ug/m^3	w	641977.53	4180775.57	6.89	0.00	6.89	
PERIOD		0.00976	ug/m^3	w	642002.53	4180775.57	6.87	0.00	6.87	
PERIOD		0.01023	ug/m^3	w	642027.53	4180775.57	6.87	0.00	6.87	
PERIOD		0.01069	ug/m^3	w	642052.53	4180775.57	6.83	0.00	6.83	
PERIOD		0.01119	ug/m^3	w	642077.53	4180775.57	6.83	0.00	6.83	
PERIOD		0.01175	ug/m^3	w	642102.53	4180775.57	6.82	0.00	6.82	
PERIOD		0.01244	ug/m^3	w	642127.53	4180775.57	6.83	0.00	6.83	
PERIOD		0.01328	ug/m^3	w	642152.53	4180775.57	6.79	0.00	6.79	
PERIOD		0.01428	ug/m^3	w	642177.53	4180775.57	6.74	0.00	6.74	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01617	ug/m^3	w	642202.53	4180775.57	6.73	0.00	6.73	
PERIOD		0.01862	ug/m^3	w	642227.53	4180775.57	6.70	0.00	6.70	
PERIOD		0.02043	ug/m^3	w	642252.53	4180775.57	6.67	0.00	6.67	
PERIOD		0.02168	ug/m^3	w	642277.53	4180775.57	6.61	0.00	6.61	
PERIOD		0.02260	ug/m^3	w	642302.53	4180775.57	6.57	0.00	6.57	
PERIOD		0.02325	ug/m^3	w	642327.53	4180775.57	6.48	0.00	6.48	
PERIOD		0.02371	ug/m^3	w	642352.53	4180775.57	6.41	0.00	6.41	
PERIOD		0.02395	ug/m^3	w	642377.53	4180775.57	6.34	0.00	6.34	
PERIOD		0.02397	ug/m^3	w	642402.53	4180775.57	6.24	0.00	6.24	
PERIOD		0.02378	ug/m^3	w	642427.53	4180775.57	6.13	0.00	6.13	
PERIOD		0.02333	ug/m^3	w	642452.53	4180775.57	6.00	0.00	6.00	
PERIOD		0.02259	ug/m^3	w	642477.53	4180775.57	5.87	0.00	5.87	
PERIOD		0.02161	ug/m^3	w	642502.53	4180775.57	5.75	0.00	5.75	
PERIOD		0.02050	ug/m^3	w	642527.53	4180775.57	5.68	0.00	5.68	
PERIOD		0.01772	ug/m^3	w	642552.53	4180775.57	5.57	0.00	5.57	
PERIOD		0.01528	ug/m^3	w	642577.53	4180775.57	5.51	0.00	5.51	
PERIOD		0.00592	ug/m^3	w	641852.53	4180800.57	6.71	0.00	6.71	
PERIOD		0.00641	ug/m^3	w	641877.53	4180800.57	6.74	0.00	6.74	
PERIOD		0.00690	ug/m^3	w	641902.53	4180800.57	6.73	0.00	11.32	
PERIOD		0.00804	ug/m^3	w	641927.53	4180800.57	9.57	0.00	10.05	
PERIOD		0.00778	ug/m^3	w	641952.53	4180800.57	6.60	0.00	13.25	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00826	ug/m^3	w	641977.53	4180800.57	6.79	0.00	12.42	
PERIOD		0.00868	ug/m^3	w	642002.53	4180800.57	6.77	0.00	6.77	
PERIOD		0.00909	ug/m^3	w	642027.53	4180800.57	6.76	0.00	6.76	
PERIOD		0.00949	ug/m^3	w	642052.53	4180800.57	6.75	0.00	6.75	
PERIOD		0.00992	ug/m^3	w	642077.53	4180800.57	6.74	0.00	6.74	
PERIOD		0.01041	ug/m^3	w	642102.53	4180800.57	6.72	0.00	6.72	
PERIOD		0.01097	ug/m^3	w	642127.53	4180800.57	6.72	0.00	6.72	
PERIOD		0.01163	ug/m^3	w	642152.53	4180800.57	6.70	0.00	6.70	
PERIOD		0.01245	ug/m^3	w	642177.53	4180800.57	6.64	0.00	6.64	
PERIOD		0.01345	ug/m^3	w	642202.53	4180800.57	6.62	0.00	6.62	
PERIOD		0.01506	ug/m^3	w	642227.53	4180800.57	6.57	0.00	6.57	
PERIOD		0.01751	ug/m^3	w	642252.53	4180800.57	6.52	0.00	6.52	
PERIOD		0.01948	ug/m^3	w	642277.53	4180800.57	6.47	0.00	6.47	
PERIOD		0.02091	ug/m^3	w	642302.53	4180800.57	6.43	0.00	6.43	
PERIOD		0.02189	ug/m^3	w	642327.53	4180800.57	6.37	0.00	6.37	
PERIOD		0.02256	ug/m^3	w	642352.53	4180800.57	6.29	0.00	6.29	
PERIOD		0.02296	ug/m^3	w	642377.53	4180800.57	6.23	0.00	6.23	
PERIOD		0.02309	ug/m^3	w	642402.53	4180800.57	6.13	0.00	6.13	
PERIOD		0.02304	ug/m^3	w	642427.53	4180800.57	6.04	0.00	6.04	
PERIOD		0.02275	ug/m^3	w	642452.53	4180800.57	5.91	0.00	5.91	
PERIOD		0.02220	ug/m^3	w	642477.53	4180800.57	5.78	0.00	5.78	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02139	ug/m^3	w	642502.53	4180800.57	5.64	0.00	5.64	
PERIOD		0.02027	ug/m^3	w	642527.53	4180800.57	5.55	0.00	5.55	
PERIOD		0.01886	ug/m^3	w	642552.53	4180800.57	5.51	0.00	5.51	
PERIOD		0.01598	ug/m^3	w	642577.53	4180800.57	5.42	0.00	5.42	
PERIOD		0.00560	ug/m^3	w	641852.53	4180825.57	6.58	0.00	6.58	
PERIOD		0.00600	ug/m^3	w	641877.53	4180825.57	6.61	0.00	6.61	
PERIOD		0.00639	ug/m^3	w	641902.53	4180825.57	6.62	0.00	13.25	
PERIOD		0.00709	ug/m^3	w	641927.53	4180825.57	8.35	0.00	13.25	
PERIOD		0.00760	ug/m^3	w	641952.53	4180825.57	8.78	0.00	13.25	
PERIOD		0.00754	ug/m^3	w	641977.53	4180825.57	6.73	0.00	13.85	
PERIOD		0.00789	ug/m^3	w	642002.53	4180825.57	6.65	0.00	13.43	
PERIOD		0.00824	ug/m^3	w	642027.53	4180825.57	6.66	0.00	6.66	
PERIOD		0.00860	ug/m^3	w	642052.53	4180825.57	6.66	0.00	6.66	
PERIOD		0.00898	ug/m^3	w	642077.53	4180825.57	6.65	0.00	6.65	
PERIOD		0.00939	ug/m^3	w	642102.53	4180825.57	6.61	0.00	6.61	
PERIOD		0.00986	ug/m^3	w	642127.53	4180825.57	6.60	0.00	6.60	
PERIOD		0.01037	ug/m^3	w	642152.53	4180825.57	6.58	0.00	6.58	
PERIOD		0.01097	ug/m^3	w	642177.53	4180825.57	6.54	0.00	6.54	
PERIOD		0.01180	ug/m^3	w	642202.53	4180825.57	6.51	0.00	6.51	
PERIOD		0.01276	ug/m^3	w	642227.53	4180825.57	6.49	0.00	6.49	
PERIOD		0.01405	ug/m^3	w	642252.53	4180825.57	6.37	0.00	6.37	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01656	ug/m^3	w	642277.53	4180825.57	6.33	0.00	6.33	
PERIOD		0.01847	ug/m^3	w	642302.53	4180825.57	6.27	0.00	6.27	
PERIOD		0.01997	ug/m^3	w	642327.53	4180825.57	6.23	0.00	6.23	
PERIOD		0.02100	ug/m^3	w	642352.53	4180825.57	6.16	0.00	6.16	
PERIOD		0.02156	ug/m^3	w	642377.53	4180825.57	6.09	0.00	6.09	
PERIOD		0.02183	ug/m^3	w	642402.53	4180825.57	6.01	0.00	6.01	
PERIOD		0.02188	ug/m^3	w	642427.53	4180825.57	5.93	0.00	5.93	
PERIOD		0.02168	ug/m^3	w	642452.53	4180825.57	5.82	0.00	5.82	
PERIOD		0.02118	ug/m^3	w	642477.53	4180825.57	5.68	0.00	5.68	
PERIOD		0.02036	ug/m^3	w	642502.53	4180825.57	5.55	0.00	5.55	
PERIOD		0.01927	ug/m^3	w	642527.53	4180825.57	5.39	0.00	5.39	
PERIOD		0.01788	ug/m^3	w	642552.53	4180825.57	5.29	0.00	5.29	
PERIOD		0.01620	ug/m^3	w	642577.53	4180825.57	5.39	0.00	5.39	
PERIOD		0.00533	ug/m^3	w	641852.53	4180850.57	6.46	0.00	6.46	
PERIOD		0.00566	ug/m^3	w	641877.53	4180850.57	6.48	0.00	6.48	
PERIOD		0.00599	ug/m^3	w	641902.53	4180850.57	6.49	0.00	13.85	
PERIOD		0.00637	ug/m^3	w	641927.53	4180850.57	6.85	0.00	14.26	
PERIOD		0.00741	ug/m^3	w	641952.53	4180850.57	12.30	0.00	12.30	
PERIOD		0.00691	ug/m^3	w	641977.53	4180850.57	6.24	0.00	14.26	
PERIOD		0.00728	ug/m^3	w	642002.53	4180850.57	6.57	0.00	14.26	
PERIOD		0.00759	ug/m^3	w	642027.53	4180850.57	6.56	0.00	6.56	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Operations Mitigated DPM\Tracy Alliance Phase 1 Operations Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00792	ug/m^3	w	642052.53	4180850.57	6.57	0.00	6.57	
PERIOD		0.00825	ug/m^3	w	642077.53	4180850.57	6.55	0.00	6.55	
PERIOD		0.00861	ug/m^3	w	642102.53	4180850.57	6.52	0.00	6.52	
PERIOD		0.00898	ug/m^3	w	642127.53	4180850.57	6.46	0.00	6.46	
PERIOD		0.00941	ug/m^3	w	642152.53	4180850.57	6.45	0.00	6.45	
PERIOD		0.00988	ug/m^3	w	642177.53	4180850.57	6.44	0.00	6.44	
PERIOD		0.01044	ug/m^3	w	642202.53	4180850.57	6.42	0.00	6.42	
PERIOD		0.01124	ug/m^3	w	642227.53	4180850.57	6.43	0.00	6.43	
PERIOD		0.01213	ug/m^3	w	642252.53	4180850.57	6.27	0.00	6.27	
PERIOD		0.01321	ug/m^3	w	642277.53	4180850.57	6.19	0.00	6.19	
PERIOD		0.01550	ug/m^3	w	642302.53	4180850.57	6.13	0.00	6.13	
PERIOD		0.01747	ug/m^3	w	642327.53	4180850.57	6.07	0.00	6.07	
PERIOD		0.01871	ug/m^3	w	642352.53	4180850.57	6.02	0.00	6.02	
PERIOD		0.01954	ug/m^3	w	642377.53	4180850.57	5.95	0.00	5.95	
PERIOD		0.01992	ug/m^3	w	642402.53	4180850.57	5.85	0.00	5.85	
PERIOD		0.01995	ug/m^3	w	642427.53	4180850.57	5.77	0.00	5.77	
PERIOD		0.01959	ug/m^3	w	642452.53	4180850.57	5.66	0.00	5.66	
PERIOD		0.01886	ug/m^3	w	642477.53	4180850.57	5.51	0.00	5.51	
PERIOD		0.01778	ug/m^3	w	642502.53	4180850.57	5.43	0.00	5.43	
PERIOD		0.01644	ug/m^3	w	642527.53	4180850.57	5.43	0.00	5.43	
PERIOD		0.01488	ug/m^3	w	642552.53	4180850.57	5.43	0.00	5.43	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Operations Mitigated DPM\Tracy Alliance Phase 1 Operations Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01342	ug/m^3	w	642577.53	4180850.57	5.37	0.00	5.37	
PERIOD		0.00511	ug/m^3	w	641852.53	4180875.57	6.34	0.00	6.34	
PERIOD		0.00539	ug/m^3	w	641877.53	4180875.57	6.35	0.00	6.35	
PERIOD		0.00568	ug/m^3	w	641902.53	4180875.57	6.38	0.00	14.26	
PERIOD		0.00596	ug/m^3	w	641927.53	4180875.57	6.40	0.00	14.26	
PERIOD		0.00686	ug/m^3	w	641952.53	4180875.57	13.02	0.00	13.02	
PERIOD		0.00665	ug/m^3	w	641977.53	4180875.57	7.24	0.00	14.26	
PERIOD		0.00680	ug/m^3	w	642002.53	4180875.57	6.47	0.00	14.26	
PERIOD		0.00708	ug/m^3	w	642027.53	4180875.57	6.47	0.00	14.26	
PERIOD		0.00737	ug/m^3	w	642052.53	4180875.57	6.47	0.00	6.47	
PERIOD		0.00767	ug/m^3	w	642077.53	4180875.57	6.46	0.00	6.46	
PERIOD		0.00798	ug/m^3	w	642102.53	4180875.57	6.44	0.00	6.44	
PERIOD		0.00830	ug/m^3	w	642127.53	4180875.57	6.37	0.00	6.37	
PERIOD		0.00865	ug/m^3	w	642152.53	4180875.57	6.33	0.00	6.33	
PERIOD		0.00904	ug/m^3	w	642177.53	4180875.57	6.32	0.00	6.32	
PERIOD		0.00948	ug/m^3	w	642202.53	4180875.57	6.31	0.00	6.31	
PERIOD		0.01002	ug/m^3	w	642227.53	4180875.57	6.34	0.00	6.34	
PERIOD		0.01073	ug/m^3	w	642252.53	4180875.57	6.22	0.00	6.22	
PERIOD		0.01155	ug/m^3	w	642277.53	4180875.57	6.10	0.00	6.10	
PERIOD		0.01242	ug/m^3	w	642302.53	4180875.57	6.02	0.00	6.02	
PERIOD		0.01424	ug/m^3	w	642327.53	4180875.57	5.94	0.00	5.94	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Operations Mitigated DPM\Tracy Alliance Phase 1 Operations Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01577	ug/m^3	w	642352.53	4180875.57	5.87	0.00	5.87	
PERIOD		0.01657	ug/m^3	w	642377.53	4180875.57	5.79	0.00	5.79	
PERIOD		0.01671	ug/m^3	w	642402.53	4180875.57	5.69	0.00	5.69	
PERIOD		0.01639	ug/m^3	w	642427.53	4180875.57	5.72	0.00	5.72	
PERIOD		0.01581	ug/m^3	w	642452.53	4180875.57	5.92	0.00	5.92	
PERIOD		0.01500	ug/m^3	w	642477.53	4180875.57	6.09	0.00	6.09	
PERIOD		0.01391	ug/m^3	w	642502.53	4180875.57	5.67	0.00	5.67	
PERIOD		0.01277	ug/m^3	w	642527.53	4180875.57	5.49	0.00	5.49	
PERIOD		0.01179	ug/m^3	w	642552.53	4180875.57	5.25	0.00	5.25	
PERIOD		0.01090	ug/m^3	w	642577.53	4180875.57	4.90	0.00	4.90	
PERIOD		0.00498	ug/m^3	w	641852.53	4180900.57	6.20	0.00	6.20	
PERIOD		0.00522	ug/m^3	w	641877.53	4180900.57	6.21	0.00	6.21	
PERIOD		0.00546	ug/m^3	w	641902.53	4180900.57	6.23	0.00	14.26	
PERIOD		0.00572	ug/m^3	w	641927.53	4180900.57	6.33	0.00	14.26	
PERIOD		0.00659	ug/m^3	w	641952.53	4180900.57	10.12	0.00	14.26	
PERIOD		0.00691	ug/m^3	w	641977.53	4180900.57	10.81	0.00	14.26	
PERIOD		0.00642	ug/m^3	w	642002.53	4180900.57	6.16	0.00	14.26	
PERIOD		0.00668	ug/m^3	w	642027.53	4180900.57	6.25	0.00	14.26	
PERIOD		0.00694	ug/m^3	w	642052.53	4180900.57	6.30	0.00	6.30	
PERIOD		0.00722	ug/m^3	w	642077.53	4180900.57	6.31	0.00	6.31	
PERIOD		0.00750	ug/m^3	w	642102.53	4180900.57	6.30	0.00	6.30	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 1 Operations Mitigated DPM\Tracy Alliance Phase 1 Operations Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00778	ug/m^3	w	642127.53	4180900.57	6.26	0.00	6.26	
PERIOD		0.00808	ug/m^3	w	642152.53	4180900.57	6.22	0.00	6.22	
PERIOD		0.00839	ug/m^3	w	642177.53	4180900.57	6.19	0.00	6.19	
PERIOD		0.00875	ug/m^3	w	642202.53	4180900.57	6.19	0.00	6.19	
PERIOD		0.00916	ug/m^3	w	642227.53	4180900.57	6.21	0.00	6.21	
PERIOD		0.00966	ug/m^3	w	642252.53	4180900.57	6.24	0.00	6.24	
PERIOD		0.01025	ug/m^3	w	642277.53	4180900.57	6.04	0.00	6.04	
PERIOD		0.01091	ug/m^3	w	642302.53	4180900.57	5.98	0.00	5.98	
PERIOD		0.01154	ug/m^3	w	642327.53	4180900.57	6.25	0.00	6.25	
PERIOD		0.01217	ug/m^3	w	642352.53	4180900.57	6.04	0.00	6.04	
PERIOD		0.01261	ug/m^3	w	642377.53	4180900.57	5.94	0.00	5.94	
PERIOD		0.01269	ug/m^3	w	642402.53	4180900.57	6.02	0.00	6.02	
PERIOD		0.01239	ug/m^3	w	642427.53	4180900.57	5.75	0.00	5.75	
PERIOD		0.01205	ug/m^3	w	642452.53	4180900.57	5.73	0.00	5.73	
PERIOD		0.01189	ug/m^3	w	642477.53	4180900.57	6.49	0.00	6.49	
PERIOD		0.01119	ug/m^3	w	642502.53	4180900.57	5.44	0.00	5.44	
PERIOD		0.01059	ug/m^3	w	642527.53	4180900.57	5.17	0.00	5.17	
PERIOD		0.00998	ug/m^3	w	642552.53	4180900.57	5.15	0.00	5.15	
PERIOD		0.00937	ug/m^3	w	642577.53	4180900.57	4.84	0.00	4.84	

PROJECT TITLE:

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.

COMMENTS:

SOURCES:

7

RECEPTORS:

5370

OUTPUT TYPE:

Concentration

MAX:

2.9E-02 ug/m³

COMPANY NAME:

MODELER:

DATE:

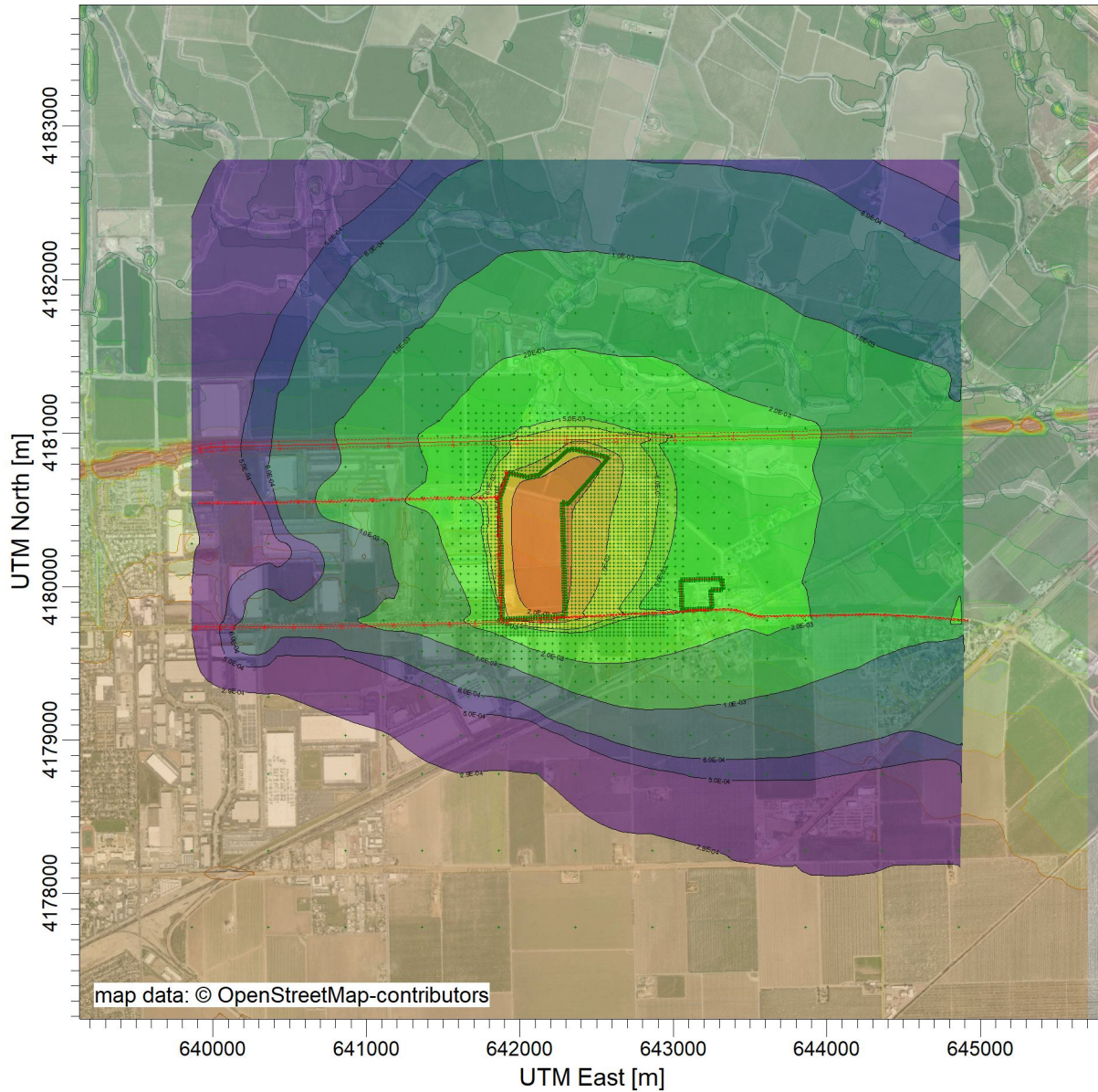
2/26/2021

SCALE:

1:44,985

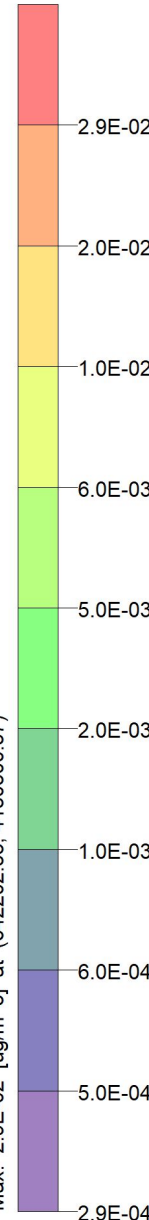
0  1 km

PROJECT NO.:



ug/m³

PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL
Max: 2.9E-02 [ug/m³] at (642202.53, 4180300.57)



Control Pathway

AERMOD

Dispersion Options

Titles C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i	
Dispersion Options <input type="checkbox"/> Regulatory Default <input checked="" type="checkbox"/> Non-Default Options	Dispersion Coefficient Rural
<input checked="" type="checkbox"/> Elevated Terrain <input type="checkbox"/> No Stack-Tip Downwash (NOSTD) <input type="checkbox"/> Run in Screening Mode <input type="checkbox"/> Conversion of NOx to NO2 (OLM or PVMRM) <input type="checkbox"/> No Checks for Non-Sequential Met Data <input checked="" type="checkbox"/> Fast All Sources (FASTALL) <input type="checkbox"/> Fast Area Sources (FASTAREA) <input type="checkbox"/> Optimized Area Source Plume Depletion <input type="checkbox"/> Gas Deposition	Output Type <input checked="" type="checkbox"/> Concentration <input type="checkbox"/> Total Deposition (Dry & Wet) <input type="checkbox"/> Dry Deposition <input type="checkbox"/> Wet Deposition
<div style="border: 1px solid black; padding: 5px;"> BETA Options: <input type="checkbox"/> Capped and Horizontal Stack Releases <input type="checkbox"/> Adjusted Friction Velocity (u*) in AERMET (ADJ_U*) <input type="checkbox"/> Low Wind Options </div> <input type="checkbox"/> SCIM (Sampled Chronological Input Model) <input type="checkbox"/> Ignore Urban Night / Daytime Transition (NOURBTRAN)	Plume Depletion <input type="checkbox"/> Dry Removal <input type="checkbox"/> Wet Removal
	Output Warnings <input type="checkbox"/> No Output Warnings <input type="checkbox"/> Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM10	Exponential Decay <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Averaging Time Options Hours <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24 <input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual	Terrain Height Options <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated SO: Meters RE: Meters TG: Meters
Flagpole Receptors <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Default Height = 0.00 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: Tracy Alliance Phase 2 Unmitigated DPM.err

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: ONSITE_DPM

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
10.37	3.33	7.05E-8		5	642294.52	4179807.57
		7.05E-8			642589.41	4179825.01
		7.05E-8			642577.15	4180325.91
		7.05E-8			642317.99	4180543.65
		7.05E-8			642276.43	4180552.85

Source Pathway - Source Inputs

AERMOD

Line Area Sources

Source Type: LINE AREA

Source: GRANT_NARROW (Grant Line - Narrow)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	1.64E-10	2.90	642240.15	4179796.64	10.66	0.00
			642370.14	4179802.71	10.56	0.00
			642468.35	4179807.41	10.65	0.00
			642522.65	4179810.81	10.42	0.00
			642601.30	4179815.09	10.26	0.00
			642753.89	4179822.72	9.65	0.00
			642870.97	4179828.53	9.00	0.00
			642997.37	4179834.93	8.56	0.00
			643058.89	4179838.14	8.24	0.00
			643276.88	4179849.70	7.72	0.00
			643328.83	4179852.61	7.77	0.00
			643373.85	4179852.10	7.93	0.00
			643406.67	4179847.70	8.14	0.00
			643430.60	4179842.01	8.40	0.00
			643493.86	4179821.89	8.50	0.00
			643512.08	4179816.54	8.42	0.00
			643534.21	4179811.19	7.81	0.00
			643559.11	4179807.66	7.64	0.00
			643584.56	4179806.59	7.35	0.00
			643837.49	4179810.10	6.87	0.00
			644304.14	4179819.98	6.91	0.00
			644381.56	4179816.77	6.84	0.00
			644639.88	4179802.61	6.89	0.00
			644920.10	4179780.34	6.69	0.00

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: GRANT_WIDE (East Grant - Wide)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
26.00	5.49E-11	2.90	639883.36	4179734.53	10.96	3.12
			640049.70	4179738.44	10.94	3.12
			640129.07	4179736.80	10.66	3.12
			640332.13	4179739.34	10.85	3.12
			640524.85	4179740.01	11.07	3.12
			640699.18	4179740.80	11.02	3.12
			640973.64	4179747.18	10.64	3.12
			641375.73	4179755.06	10.84	3.12
			641707.80	4179761.32	10.87	3.12
			642131.46	4179782.04	10.70	3.12
			642240.64	4179788.95	10.66	3.12

Source Type: LINE AREA

Source: HWY205 (Highway 205)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
48.00	3.38E-11	2.90	639915.98	4180899.34	9.30	3.12
			639987.03	4180907.58	9.10	3.12
			640073.77	4180914.25	9.05	3.12
			641143.27	4180936.85	8.98	3.12
			641981.33	4180952.99	7.71	3.12
			642628.24	4180964.34	8.15	3.12
			643389.33	4180982.37	7.56	3.12
			644550.34	4181004.59	8.48	3.12

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: PARADISE (Off-Road DPM)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
16.00	1.00E-10	2.90	641915.85	4180743.61	8.10	3.12
			641856.19	4180579.29	8.26	3.12
			641859.36	4180208.62	9.60	3.12
			641875.78	4179785.62	10.30	3.12

Source Type: LINE AREA

Source: PESCADERO_NA (Pescadero - Narrow segment)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
14.00	1.14E-10	2.90	641847.47	4180579.89	8.29	3.12
			641627.29	4180574.25	7.94	3.12
			641457.58	4180572.75	8.05	3.12
			641280.37	4180568.97	8.09	3.12
			641038.41	4180563.52	8.46	3.12

Source Type: LINE AREA

Source: PESCADERO_WI (Pescadero - Wide segment)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
16.00	1.00E-10	2.90	641038.20	4180561.57	8.45	3.12
			640899.85	4180558.22	8.73	3.12
			640764.42	4180555.11	8.64	3.12
			640553.77	4180550.04	9.05	3.12
			640271.47	4180544.80	8.14	3.12
			639907.92	4180544.35	7.59	3.12

Source Pathway - Source Inputs

AERMOD

Area Sources Generated from Line Sources

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
PARADISE	A0000001	641908.34	4180746.34	3.12	87.40	109.96	7.76	2.90
	A0000002	641878.50	4180664.18	3.12	87.40	109.96	7.67	2.90
	A0000003	641848.19	4180579.23	3.12	123.56	89.51	8.31	2.90
	A0000004	641849.25	4180455.67	3.12	123.56	89.51	8.53	2.90
	A0000005	641850.30	4180332.11	3.12	123.56	89.51	9.22	2.90
	A0000006	641851.36	4180208.31	3.12	141.11	87.78	9.53	2.90
	A0000007	641856.84	4180067.31	3.12	141.11	87.78	9.99	2.90
	A0000008	641862.31	4179926.31	3.12	141.11	87.78	10.21	2.90

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
GRANT_WIDE	A0000009	639883.67	4179721.54	3.12	166.38	358.66	10.84	2.90
	A0000010	640049.43	4179725.44	3.12	79.39	1.18	10.98	2.90
	A0000011	640129.23	4179723.80	3.12	203.07	359.28	10.73	2.90
	A0000012	640332.17	4179726.34	3.12	192.72	359.80	10.71	2.90
	A0000013	640524.91	4179727.01	3.12	174.34	359.74	10.98	2.90
	A0000014	640699.48	4179727.80	3.12	137.27	358.67	10.89	2.90
	A0000015	640836.71	4179730.99	3.12	137.27	358.67	10.89	2.90
	A0000016	640973.90	4179734.18	3.12	201.08	358.88	10.68	2.90
	A0000017	641174.94	4179738.12	3.12	201.08	358.88	10.81	2.90
	A0000018	641375.97	4179742.07	3.12	166.07	358.92	10.90	2.90
	A0000019	641542.01	4179745.19	3.12	166.07	358.92	10.74	2.90
	A0000020	641708.44	4179748.33	3.12	212.08	357.20	10.69	2.90
	A0000021	641920.26	4179758.69	3.12	212.08	357.20	10.50	2.90
	A0000022	642132.28	4179769.06	3.12	109.40	356.38	10.69	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARRO	A0000023	642240.38	4179791.65	0.00	65.07	357.33	10.66	2.90
	A0000024	642305.38	4179794.68	0.00	65.07	357.33	10.56	2.90
	A0000025	642370.38	4179797.71	0.00	98.32	357.26	10.60	2.90
	A0000026	642468.66	4179802.42	0.00	54.41	356.41	10.64	2.90
	A0000027	642522.92	4179805.82	0.00	78.77	356.89	10.54	2.90
	A0000028	642601.55	4179810.09	0.00	76.39	357.14	10.35	2.90
	A0000029	642677.85	4179813.91	0.00	76.39	357.14	9.91	2.90
	A0000030	642754.14	4179817.73	0.00	58.61	357.16	9.67	2.90
	A0000031	642812.68	4179820.63	0.00	58.61	357.16	9.22	2.90
	A0000032	642871.22	4179823.54	0.00	63.28	357.10	9.01	2.90
	A0000033	642934.42	4179826.74	0.00	63.28	357.10	8.67	2.90
	A0000034	642997.63	4179829.94	0.00	61.60	357.02	8.39	2.90
	A0000035	643059.15	4179833.15	0.00	72.77	356.96	8.14	2.90
	A0000036	643131.82	4179837.00	0.00	72.77	356.96	8.08	2.90
	A0000037	643204.48	4179840.86	0.00	72.77	356.96	7.77	2.90
	A0000038	643277.16	4179844.71	0.00	52.03	356.80	7.73	2.90
	A0000039	643328.78	4179847.61	0.00	45.02	0.64	7.75	2.90
	A0000040	643373.19	4179847.15	0.00	33.11	7.64	7.77	2.90
	A0000041	643405.51	4179842.84	0.00	24.60	13.38	8.11	2.90
	A0000042	643429.09	4179837.25	0.00	66.38	17.65	8.19	2.90
	A0000043	643492.45	4179817.09	0.00	18.99	16.38	8.49	2.90
	A0000044	643510.91	4179811.68	0.00	22.76	13.58	8.32	2.90
	A0000045	643533.51	4179806.24	0.00	25.16	8.06	7.92	2.90
	A0000046	643558.90	4179802.67	0.00	25.46	2.41	7.59	2.90
	A0000047	643584.62	4179801.59	0.00	84.32	359.21	7.31	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000048	643668.94	4179802.76	0.00	84.32	359.21	7.02	2.90
	A0000049	643753.25	4179803.93	0.00	84.32	359.21	6.74	2.90
	A0000050	643837.59	4179805.10	0.00	93.35	358.79	6.68	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
HWY205	A0000051	639918.75	4180875.50	3.12	71.52	353.38	9.02	2.90
	A0000052	639988.87	4180883.65	3.12	87.00	355.60	8.61	2.90
	A0000053	640074.28	4180890.26	3.12	356.58	358.79	8.48	2.90
	A0000054	640430.78	4180897.79	3.12	356.58	358.79	8.49	2.90
	A0000055	640787.28	4180905.32	3.12	356.58	358.79	8.59	2.90
	A0000056	641143.74	4180912.85	3.12	419.10	358.90	8.51	2.90
	A0000057	641562.76	4180920.92	3.12	419.10	358.90	7.64	2.90
	A0000058	641981.75	4180929.00	3.12	323.51	358.99	8.25	2.90
	A0000059	642305.20	4180934.67	3.12	323.51	358.99	7.12	2.90
	A0000060	642628.81	4180940.35	3.12	380.65	358.64	6.75	2.90
	A0000061	643009.35	4180949.36	3.12	380.65	358.64	7.27	2.90
	A0000062	643389.79	4180958.37	3.12	387.08	358.90	7.83	2.90
	A0000063	643776.79	4180965.78	3.12	387.08	358.90	6.85	2.90
	A0000064	644163.80	4180973.19	3.12	387.08	358.90	6.95	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
ESCADERO_N	A0000065	641847.29	4180586.89	3.12	110.13	178.53	8.24	2.90
	A0000066	641737.20	4180584.07	3.12	110.13	178.53	7.84	2.90
	A0000067	641627.23	4180581.25	3.12	84.86	179.50	7.85	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
'ESCADERO_N	A0000068	641542.37	4180580.50	3.12	84.86	179.50	7.92	2.90
	A0000069	641457.43	4180579.75	3.12	88.62	178.78	7.94	2.90
	A0000070	641368.82	4180577.86	3.12	88.62	178.78	7.95	2.90
	A0000071	641280.21	4180575.97	3.12	121.01	178.71	8.03	2.90
	A0000072	641159.23	4180573.24	3.12	121.01	178.71	8.36	2.90
'ESCADERO_W	A0000073	641038.01	4180569.57	3.12	138.39	178.61	8.65	2.90
	A0000074	640899.67	4180566.21	3.12	135.47	178.69	8.95	2.90
	A0000075	640764.23	4180563.11	3.12	105.36	178.62	8.75	2.90
	A0000076	640658.90	4180560.57	3.12	105.36	178.62	8.97	2.90
	A0000077	640553.62	4180558.04	3.12	141.17	178.94	9.02	2.90
	A0000078	640412.47	4180555.42	3.12	141.17	178.94	8.61	2.90
	A0000079	640271.46	4180552.80	3.12	121.19	179.93	8.11	2.90
	A0000080	640150.28	4180552.65	3.12	121.19	179.93	7.70	2.90
	A0000081	640029.09	4180552.50	3.12	121.19	179.93	7.77	2.90
	RANT_NARRO	A0000082	643930.92	4179807.08	0.00	93.35	358.79	6.50
A0000083		644024.26	4179809.05	0.00	93.35	358.79	6.50	2.90
A0000084		644117.59	4179811.03	0.00	93.35	358.79	6.49	2.90
A0000085		644210.92	4179813.00	0.00	93.35	358.79	6.58	2.90
A0000086		644303.93	4179814.98	0.00	77.49	2.37	6.83	2.90
A0000087		644381.29	4179811.78	0.00	86.23	3.14	6.69	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000088	644467.39	4179807.06	0.00	86.23	3.14	6.78	2.90
	A0000089	644553.50	4179802.34	0.00	86.23	3.14	6.78	2.90
	A0000090	644639.48	4179797.63	0.00	93.70	4.54	6.67	2.90
	A0000091	644732.89	4179790.20	0.00	93.70	4.54	6.64	2.90
	A0000092	644826.30	4179782.78	0.00	93.70	4.54	6.68	2.90

Receptor Pathway

AERMOD

Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Discrete Cartesian Receptors

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	642423.59	4180906.20		5.74	
2	642441.65	4180909.13		5.71	
3	642480.08	4180894.46		6.83	
4	642519.76	4180888.29		5.42	
5	642566.51	4180882.54		5.07	
6	642626.31	4180850.18		5.27	
7	642669.21	4180807.50		4.70	
8	642766.30	4180717.00		5.31	
9	642864.59	4180554.77		5.81	
10	642843.70	4180532.79		5.99	
11	642612.01	4179848.87		9.81	
12	642624.90	4179791.78		10.39	
13	642639.86	4179791.65		10.35	
14	642667.43	4179795.46		9.94	
15	642693.29	4179797.16		9.84	
16	642728.95	4179797.77		9.79	
17	642798.23	4179801.48		9.03	
18	642838.25	4179796.55		8.93	
19	642873.35	4179801.20		8.83	
20	642903.14	4179804.04		8.64	
21	642861.85	4179877.44		8.79	
22	642915.46	4179883.14		9.24	
23	642889.34	4179922.70		8.80	
24	642916.53	4179957.30		8.35	
25	642846.92	4180017.86		8.29	
26	642969.73	4179932.63		8.53	
27	642984.82	4179936.19		8.37	
28	643006.43	4179931.45		8.58	
29	643027.44	4179882.32		8.62	
30	642942.74	4179809.51		8.49	

Receptor Pathway

AERMOD

31	642986.00	4179809.05	8.33
32	643009.48	4179802.10	8.33
33	643092.88	4179800.30	7.67
34	643107.73	4179811.01	7.72
35	643138.65	4179813.25	8.23
36	643123.91	4179779.64	8.25
37	643160.42	4179780.20	8.27
38	643175.36	4179761.55	8.29
39	643163.42	4179763.67	8.32
40	643139.64	4179753.74	8.35
41	643144.44	4179746.59	8.39
42	643213.32	4179778.97	8.13
43	643220.99	4179818.86	7.81
44	643231.24	4179817.25	7.83
45	643195.08	4179812.50	7.85
46	643266.55	4179806.39	7.79
47	643225.65	4179758.26	8.28
48	643235.56	4179763.82	8.27
49	643180.87	4179738.16	8.54
50	643132.53	4179699.67	8.87
51	643117.14	4179693.48	8.81
52	643101.08	4179686.86	8.98
53	643069.34	4179691.13	9.02
54	643077.53	4179710.91	8.88
55	643018.96	4179438.01	10.05
56	643084.59	4179523.29	9.74
57	643123.69	4179508.56	9.65
58	643205.32	4179504.68	9.73
59	643205.63	4179524.47	9.49
60	643228.04	4179453.82	9.60
61	643191.32	4179422.31	9.37
62	643156.40	4179471.78	9.88
63	643267.56	4179525.34	9.42
64	643239.54	4179565.68	9.28
65	643269.96	4179568.47	9.13
66	643276.56	4179548.69	9.25
67	643304.54	4179598.63	8.34
68	643198.44	4179596.54	9.10

Receptor Pathway

AERMOD

69	643165.27	4179587.66	9.05
70	643279.62	4179642.39	8.41
71	643342.12	4179677.63	8.40
72	643365.52	4179686.82	8.14
73	643412.02	4179712.59	8.03
74	643426.83	4179720.88	8.06
75	643443.06	4179763.53	7.71
76	643462.19	4179738.10	7.72
77	643477.05	4179744.65	7.75
78	643609.19	4179779.40	6.99
79	643581.34	4179779.40	7.10
80	643486.28	4179690.48	7.69
81	643461.70	4179683.07	7.85
82	643435.58	4179649.08	7.89
83	643445.96	4179656.83	7.86
84	643433.08	4179668.66	7.88
85	643472.43	4179636.73	7.74
86	643467.63	4179586.55	7.66
87	643474.60	4179575.24	7.82
88	643488.40	4179549.74	7.60
89	644226.05	4179433.08	7.30
90	643856.00	4179782.95	6.39
91	643894.54	4179783.96	6.19
92	643904.86	4179771.37	6.11
93	643902.09	4179750.97	6.08
94	643884.46	4179690.78	6.26
95	643988.56	4178601.40	11.42
96	643970.67	4178600.51	11.44
97	643953.35	4178599.84	11.46
98	643940.61	4178583.63	11.57
99	643898.25	4178561.06	11.56
100	643882.49	4178560.50	11.54
101	643868.08	4178560.61	11.50
102	643850.61	4178477.15	12.36
103	643802.93	4178519.25	11.99
104	643566.21	4178374.81	12.85
105	642899.11	4178625.63	13.25
106	642861.77	4178630.37	13.35

Receptor Pathway

AERMOD

107	642634.32	4178208.71	14.34
108	642761.13	4178115.10	14.42
109	642021.23	4178205.01	14.76
110	641455.17	4178051.75	15.53
111	640663.35	4177956.52	16.03
112	640591.80	4177954.95	16.27
113	640596.52	4177721.41	16.97
114	640657.83	4177883.48	16.30
115	640682.46	4177911.49	16.15
116	640695.49	4177909.55	16.19
117	640717.22	4177907.62	16.19
118	640718.67	4177867.06	16.41
119	640699.36	4177856.92	16.47
120	640661.69	4177868.02	16.36
121	640679.07	4177800.90	16.71
122	640699.84	4177807.66	16.56
123	640721.09	4177809.59	16.64
124	640660.72	4177772.41	16.71
125	640702.74	4177753.09	16.93
126	640669.42	4177758.89	16.73
127	640743.35	4177756.71	16.91
128	640801.27	4177764.04	16.95
129	640850.11	4177764.04	16.95
130	640883.26	4177755.67	16.90
131	640884.30	4177764.39	16.93
132	640885.00	4177773.81	16.93
133	640885.00	4177782.53	16.93
134	640883.26	4177791.95	16.90
135	640916.40	4177756.36	16.97
136	640946.76	4177754.97	16.87
137	640947.11	4177767.88	16.73
138	640916.75	4177765.78	16.94
139	640946.06	4177777.65	16.71
140	640917.80	4177775.20	16.88
141	640945.36	4177787.42	16.70
142	640917.80	4177784.97	16.88
143	640914.31	4177804.16	16.85
144	640916.40	4177794.39	16.87

Receptor Pathway

AERMOD

145	640943.62	4177804.86	16.66
146	640945.71	4177795.79	16.69
147	640979.90	4177758.81	16.68
148	640978.16	4177769.27	16.64
149	640976.41	4177776.95	16.63
150	640978.16	4177792.30	16.53
151	640978.85	4177801.02	16.50
152	640977.81	4177809.40	16.48
153	640978.51	4177820.56	16.46
154	640977.81	4177828.59	16.44
155	640879.77	4177800.67	16.84
156	640883.61	4177813.23	16.81
157	640885.35	4177824.75	16.84
158	640915.24	4177814.31	16.81
159	640945.30	4177816.13	16.60
160	640947.12	4177825.60	16.60
161	640915.97	4177824.87	16.78
162	640916.34	4177835.07	16.75
163	640946.57	4177835.98	16.57
164	640946.75	4177845.63	16.52
165	640915.61	4177844.18	16.73
166	640879.91	4177832.52	16.80
167	640885.19	4177842.36	16.74
168	640884.46	4177851.64	16.68
169	640916.34	4177852.74	16.71
170	640945.30	4177854.74	16.47
171	640945.48	4177863.12	16.45
172	640915.06	4177861.30	16.67
173	640883.19	4177861.12	16.61
174	640883.92	4177871.31	16.54
175	640885.38	4177879.87	16.49
176	640883.19	4177890.80	16.49
177	640915.97	4177871.68	16.61
178	640914.88	4177881.70	16.58
179	640944.20	4177871.86	16.44
180	640945.30	4177883.15	16.39
181	640944.57	4177893.17	16.37
182	640913.61	4177888.98	16.55

Receptor Pathway

AERMOD

183	640913.61	4177898.82	16.54
184	640944.20	4177902.46	16.38
185	640911.97	4177907.92	16.48
186	640944.75	4177911.02	16.35
187	640975.17	4177909.38	16.22
188	640976.99	4177900.64	16.25
189	640976.62	4177891.35	16.28
190	640978.44	4177881.51	16.26
191	640978.26	4177870.77	16.30
192	640980.08	4177860.39	16.31
193	640979.17	4177841.08	16.36
194	641027.15	4177771.72	16.80
195	641097.01	4177769.15	16.46
196	641050.94	4177776.86	16.58
197	641106.22	4177834.93	16.34
198	641112.42	4177909.52	15.89
199	641020.43	4177904.78	16.35
200	641092.38	4177966.96	15.79
201	640555.64	4178224.82	14.68
202	640382.10	4178168.75	15.06
203	640295.47	4178186.85	14.80
204	640289.24	4178169.94	14.93
205	640520.34	4178237.28	14.56
206	640568.99	4178242.62	14.68
207	642421.71	4179614.03	11.33
208	642419.19	4179586.04	11.55
209	641230.76	4179694.87	11.83
210	641806.79	4179870.63	10.26
211	641825.54	4179856.53	10.36
212	641492.88	4179824.18	10.67
213	641482.98	4179806.49	10.62
214	641401.40	4179805.19	10.73
215	641322.12	4179800.31	10.62
216	641199.49	4179789.22	10.67
217	641226.51	4179799.31	10.67
218	641254.87	4179804.73	10.50
219	641284.46	4179798.64	10.58
220	640672.91	4179804.60	10.57

Receptor Pathway

AERMOD

221	640909.50	4179873.06	10.45
222	640576.50	4179834.99	10.64
223	640471.40	4179791.88	10.57
224	640443.73	4179783.09	10.83
225	640490.06	4179808.83	10.59
226	640298.17	4179708.55	10.87
227	642150.64	4181339.61	4.85
228	642186.00	4181418.01	7.29
229	642076.74	4181423.01	4.93
230	642050.52	4181423.14	4.58
231	642015.47	4181420.37	4.60
232	642015.07	4181445.02	4.71
233	642806.07	4181128.16	4.97
234	643211.49	4181300.90	4.80
235	643199.12	4181323.37	4.79
236	643298.61	4181300.90	4.44
237	643326.13	4181311.50	4.53
238	643346.84	4181318.07	4.50
239	643321.08	4181355.19	5.00
240	643007.36	4181415.17	5.45
241	643051.46	4181483.78	5.49
242	643044.62	4181536.90	5.24
243	643074.82	4181735.00	4.31
244	643086.22	4182094.01	4.58
245	643112.32	4182105.50	4.56
246	643546.53	4181985.18	4.06
247	643513.62	4181994.64	3.90
248	643562.16	4182026.32	4.07
249	643691.88	4181951.64	4.69
250	644094.39	4181935.13	4.86
251	644141.12	4181899.90	4.90
252	644267.45	4181934.22	4.95
253	644287.49	4181943.88	4.85
254	644292.76	4181965.65	4.78
255	644292.05	4182056.81	6.89
256	642259.02	4181880.67	7.16
257	642310.80	4181936.64	7.27
258	642273.02	4181956.93	7.39

Receptor Pathway

AERMOD

259	642495.22	4182060.53	5.17
260	642520.63	4182128.95	4.82
261	642460.07	4182152.93	4.89
262	642395.94	4182171.85	4.89
263	642354.64	4182180.55	4.85
264	642309.47	4182187.07	4.89
265	642280.75	4182195.60	5.04
266	642284.96	4182251.52	5.06
267	642294.26	4182270.05	5.02
268	642091.45	4182315.72	5.07
269	641887.74	4182399.30	5.07
270	641273.71	4181787.58	6.87
271	641291.66	4181761.78	6.62
272	641217.11	4181351.16	5.94
273	640660.60	4181335.03	6.14
274	640788.06	4181343.64	5.94
275	640803.39	4181338.45	5.94
276	640649.98	4181397.27	5.41
277	640648.73	4182240.43	4.11
278	640586.47	4181956.43	4.05
279	640547.21	4181955.64	4.18
280	643437.92	4180843.06	2.54
281	643481.97	4180898.97	2.54
282	643433.96	4180777.27	2.63
283	643661.26	4180799.81	3.40
284	643358.63	4179948.56	7.24
285	643364.90	4179934.14	7.30
286	643369.06	4180042.08	8.11
287	643467.43	4180035.35	8.23
288	643303.09	4180066.52	6.80
289	643292.53	4180113.09	6.82
290	643351.83	4180094.85	6.59
291	643450.64	4180097.01	6.22
292	643491.34	4180094.80	7.11
293	643349.76	4180163.14	6.28
294	643408.25	4180231.85	5.77
295	643467.32	4180253.70	5.80
296	643521.65	4180278.59	5.50

Receptor Pathway

AERMOD

297	643572.31	4180303.75		5.37
298	643533.46	4180366.45		5.09
299	643621.79	4180419.99		8.03
300	643700.62	4180460.54		7.92
301	643875.45	4180553.54		7.92
302	643262.17	4179872.86		7.65
303	644358.55	4178997.60		8.74
304	644360.03	4179117.34		8.37
305	644400.66	4179118.33		8.38
306	644391.43	4179183.34		8.30
307	644346.19	4179235.67		8.00
308	644358.03	4179295.58		7.62
309	644377.37	4179348.51		7.39
310	644370.04	4179426.85		7.14
311	644366.28	4179467.77		6.98
312	644392.01	4179558.11		6.89
313	644363.59	4179543.35		6.81
314	644353.27	4179624.50		6.82
315	644348.20	4179699.91		6.66
316	644350.67	4179777.56		6.55
317	643056.95	4179847.93	FENCEPRI	8.07
318	643249.62	4179856.27	FENCEPRI	7.72
319	643244.70	4179977.45	FENCEPRI	7.48
320	643320.11	4179981.67	FENCEPRI	7.10
321	643317.62	4180052.81	FENCEPRI	6.83
322	643048.31	4180042.53	FENCEPRI	7.22
323	643061.89	4179848.14	FENCEINT	7.88
324	643066.83	4179848.36	FENCEINT	7.82
325	643071.77	4179848.57	FENCEINT	7.83
326	643076.71	4179848.79	FENCEINT	7.80
327	643081.65	4179849.00	FENCEINT	7.76
328	643086.59	4179849.21	FENCEINT	7.74
329	643091.53	4179849.43	FENCEINT	7.72
330	643096.47	4179849.64	FENCEINT	7.71
331	643101.41	4179849.85	FENCEINT	7.70
332	643106.35	4179850.07	FENCEINT	7.70
333	643111.29	4179850.28	FENCEINT	7.73
334	643116.23	4179850.50	FENCEINT	7.74

Receptor Pathway

AERMOD

335	643121.17	4179850.71	FENCEINT	7.75
336	643126.11	4179850.92	FENCEINT	7.75
337	643131.05	4179851.14	FENCEINT	7.75
338	643135.99	4179851.35	FENCEINT	7.76
339	643140.93	4179851.57	FENCEINT	7.75
340	643145.87	4179851.78	FENCEINT	7.74
341	643150.81	4179851.99	FENCEINT	7.77
342	643155.76	4179852.21	FENCEINT	7.81
343	643160.70	4179852.42	FENCEINT	7.85
344	643165.64	4179852.63	FENCEINT	7.87
345	643170.58	4179852.85	FENCEINT	7.88
346	643175.52	4179853.06	FENCEINT	7.87
347	643180.46	4179853.28	FENCEINT	7.87
348	643185.40	4179853.49	FENCEINT	7.88
349	643190.34	4179853.70	FENCEINT	7.87
350	643195.28	4179853.92	FENCEINT	7.87
351	643200.22	4179854.13	FENCEINT	7.86
352	643205.16	4179854.35	FENCEINT	7.86
353	643210.10	4179854.56	FENCEINT	7.86
354	643215.04	4179854.77	FENCEINT	7.85
355	643219.98	4179854.99	FENCEINT	7.83
356	643224.92	4179855.20	FENCEINT	7.82
357	643229.86	4179855.41	FENCEINT	7.80
358	643234.80	4179855.63	FENCEINT	7.79
359	643239.74	4179855.84	FENCEINT	7.77
360	643244.68	4179856.06	FENCEINT	7.74
361	643249.42	4179861.12	FENCEINT	7.68
362	643249.23	4179865.96	FENCEINT	7.67
363	643249.03	4179870.81	FENCEINT	7.66
364	643248.83	4179875.66	FENCEINT	7.65
365	643248.64	4179880.51	FENCEINT	7.64
366	643248.44	4179885.35	FENCEINT	7.63
367	643248.24	4179890.20	FENCEINT	7.63
368	643248.05	4179895.05	FENCEINT	7.63
369	643247.85	4179899.89	FENCEINT	7.63
370	643247.65	4179904.74	FENCEINT	7.64
371	643247.46	4179909.59	FENCEINT	7.64
372	643247.26	4179914.44	FENCEINT	7.66

Receptor Pathway

AERMOD

373	643247.06	4179919.28	FENCEINT	7.69
374	643246.86	4179924.13	FENCEINT	7.71
375	643246.67	4179928.98	FENCEINT	7.67
376	643246.47	4179933.83	FENCEINT	7.64
377	643246.27	4179938.67	FENCEINT	7.62
378	643246.08	4179943.52	FENCEINT	7.59
379	643245.88	4179948.37	FENCEINT	7.56
380	643245.68	4179953.21	FENCEINT	7.53
381	643245.49	4179958.06	FENCEINT	7.50
382	643245.29	4179962.91	FENCEINT	7.48
383	643245.09	4179967.76	FENCEINT	7.48
384	643244.90	4179972.60	FENCEINT	7.48
385	643249.41	4179977.71	FENCEINT	7.48
386	643254.13	4179977.98	FENCEINT	7.45
387	643258.84	4179978.24	FENCEINT	7.42
388	643263.55	4179978.51	FENCEINT	7.37
389	643268.27	4179978.77	FENCEINT	7.32
390	643272.98	4179979.03	FENCEINT	7.28
391	643277.69	4179979.30	FENCEINT	7.23
392	643282.41	4179979.56	FENCEINT	7.19
393	643287.12	4179979.82	FENCEINT	7.15
394	643291.83	4179980.09	FENCEINT	7.11
395	643296.54	4179980.35	FENCEINT	7.08
396	643301.26	4179980.62	FENCEINT	7.07
397	643305.97	4179980.88	FENCEINT	7.07
398	643310.68	4179981.14	FENCEINT	7.07
399	643315.40	4179981.41	FENCEINT	7.08
400	643319.94	4179986.41	FENCEINT	7.15
401	643319.78	4179991.16	FENCEINT	7.11
402	643319.61	4179995.90	FENCEINT	7.07
403	643319.45	4180000.64	FENCEINT	7.04
404	643319.28	4180005.38	FENCEINT	7.01
405	643319.11	4180010.13	FENCEINT	6.98
406	643318.95	4180014.87	FENCEINT	6.96
407	643318.78	4180019.61	FENCEINT	6.94
408	643318.62	4180024.35	FENCEINT	6.93
409	643318.45	4180029.10	FENCEINT	6.92
410	643318.28	4180033.84	FENCEINT	6.92

Receptor Pathway

AERMOD

411	643318.12	4180038.58	FENCEINT	6.91
412	643317.95	4180043.32	FENCEINT	6.88
413	643317.79	4180048.07	FENCEINT	6.84
414	643312.63	4180052.62	FENCEINT	6.84
415	643307.65	4180052.43	FENCEINT	6.88
416	643302.66	4180052.24	FENCEINT	6.93
417	643297.67	4180052.05	FENCEINT	6.97
418	643292.68	4180051.86	FENCEINT	7.02
419	643287.70	4180051.67	FENCEINT	7.07
420	643282.71	4180051.48	FENCEINT	7.13
421	643277.72	4180051.29	FENCEINT	7.17
422	643272.74	4180051.10	FENCEINT	7.21
423	643267.75	4180050.91	FENCEINT	7.19
424	643262.76	4180050.72	FENCEINT	7.16
425	643257.77	4180050.53	FENCEINT	7.07
426	643252.79	4180050.34	FENCEINT	7.04
427	643247.80	4180050.14	FENCEINT	7.02
428	643242.81	4180049.95	FENCEINT	7.02
429	643237.82	4180049.76	FENCEINT	7.04
430	643232.84	4180049.57	FENCEINT	7.10
431	643227.85	4180049.38	FENCEINT	7.16
432	643222.86	4180049.19	FENCEINT	7.23
433	643217.88	4180049.00	FENCEINT	7.25
434	643212.89	4180048.81	FENCEINT	7.27
435	643207.90	4180048.62	FENCEINT	7.28
436	643202.91	4180048.43	FENCEINT	7.29
437	643197.93	4180048.24	FENCEINT	7.30
438	643192.94	4180048.05	FENCEINT	7.29
439	643187.95	4180047.86	FENCEINT	7.29
440	643182.97	4180047.67	FENCEINT	7.28
441	643177.98	4180047.48	FENCEINT	7.28
442	643172.99	4180047.29	FENCEINT	7.28
443	643168.00	4180047.10	FENCEINT	7.27
444	643163.02	4180046.91	FENCEINT	7.26
445	643158.03	4180046.72	FENCEINT	7.24
446	643153.04	4180046.53	FENCEINT	7.22
447	643148.05	4180046.34	FENCEINT	7.19
448	643143.07	4180046.15	FENCEINT	7.17

Receptor Pathway

AERMOD

449	643138.08	4180045.96	FENCEINT	7.14
450	643133.09	4180045.77	FENCEINT	7.11
451	643128.11	4180045.58	FENCEINT	7.10
452	643123.12	4180045.39	FENCEINT	7.09
453	643118.13	4180045.20	FENCEINT	7.10
454	643113.14	4180045.00	FENCEINT	7.11
455	643108.16	4180044.81	FENCEINT	7.11
456	643103.17	4180044.62	FENCEINT	7.13
457	643098.18	4180044.43	FENCEINT	7.14
458	643093.20	4180044.24	FENCEINT	7.15
459	643088.21	4180044.05	FENCEINT	7.15
460	643083.22	4180043.86	FENCEINT	7.15
461	643078.23	4180043.67	FENCEINT	7.16
462	643073.25	4180043.48	FENCEINT	7.16
463	643068.26	4180043.29	FENCEINT	7.16
464	643063.27	4180043.10	FENCEINT	7.16
465	643058.28	4180042.91	FENCEINT	7.17
466	643053.30	4180042.72	FENCEINT	7.19
467	643048.53	4180037.54	FENCEINT	7.23
468	643048.75	4180032.55	FENCEINT	7.23
469	643048.97	4180027.56	FENCEINT	7.20
470	643049.20	4180022.57	FENCEINT	7.17
471	643049.42	4180017.58	FENCEINT	7.17
472	643049.64	4180012.59	FENCEINT	7.16
473	643049.86	4180007.60	FENCEINT	7.17
474	643050.08	4180002.61	FENCEINT	7.17
475	643050.30	4179997.62	FENCEINT	7.19
476	643050.53	4179992.63	FENCEINT	7.21
477	643050.75	4179987.64	FENCEINT	7.21
478	643050.97	4179982.65	FENCEINT	7.21
479	643051.19	4179977.66	FENCEINT	7.23
480	643051.41	4179972.67	FENCEINT	7.26
481	643051.63	4179967.68	FENCEINT	7.31
482	643051.85	4179962.69	FENCEINT	7.37
483	643052.08	4179957.70	FENCEINT	7.48
484	643052.30	4179952.71	FENCEINT	7.61
485	643052.52	4179947.72	FENCEINT	7.67
486	643052.74	4179942.74	FENCEINT	7.70

Receptor Pathway

AERMOD

487	643052.96	4179937.75	FENCEINT	7.73
488	643053.18	4179932.76	FENCEINT	7.75
489	643053.41	4179927.77	FENCEINT	7.77
490	643053.63	4179922.78	FENCEINT	7.80
491	643053.85	4179917.79	FENCEINT	7.83
492	643054.07	4179912.80	FENCEINT	7.87
493	643054.29	4179907.81	FENCEINT	7.90
494	643054.51	4179902.82	FENCEINT	7.92
495	643054.73	4179897.83	FENCEINT	7.94
496	643054.96	4179892.84	FENCEINT	7.96
497	643055.18	4179887.85	FENCEINT	7.97
498	643055.40	4179882.86	FENCEINT	7.96
499	643055.62	4179877.87	FENCEINT	7.95
500	643055.84	4179872.88	FENCEINT	7.94
501	643056.06	4179867.89	FENCEINT	7.95
502	643056.29	4179862.90	FENCEINT	7.98
503	643056.51	4179857.91	FENCEINT	8.01
504	643056.73	4179852.92	FENCEINT	8.03
505	644709.80	4181175.99		5.24
506	643845.20	4181463.75		7.71
507	644330.00	4180865.21		4.60
508	644452.33	4180865.29		5.27
509	644512.10	4180798.27		7.93
510	644319.84	4180764.59		4.35
511	644308.04	4180746.23		4.90
512	644138.04	4180612.81		5.41
513	644879.84	4180073.43		6.41
514	644852.72	4180057.70		6.58
515	644815.58	4180084.08		6.54
516	644434.45	4179763.78		6.41
517	644480.49	4179753.87		6.37
518	644533.82	4179754.07		6.24
519	644572.15	4179751.45		6.22
520	644614.87	4179749.47		6.36
521	644666.65	4179744.39		6.25
522	644709.75	4179741.55		6.42
523	644654.65	4179684.42		6.98
524	644756.54	4179741.37		6.28

Receptor Pathway

AERMOD

525	644802.88	4179734.95	6.43
526	644438.45	4179613.05	6.74
527	644419.90	4179655.61	6.44
528	644515.31	4179578.76	6.95
529	644568.92	4179611.72	6.77
530	644632.74	4179604.09	6.97
531	644622.52	4179628.84	6.75
532	644692.02	4179626.72	6.77
533	644715.72	4179622.20	6.74
534	644736.91	4179575.92	6.98
535	644896.13	4179734.33	6.68
536	644890.29	4179678.94	6.88
537	644870.72	4179630.27	6.88
538	644844.88	4179581.26	6.89
539	644811.63	4179524.16	7.12
540	644888.52	4179486.80	7.31
541	644843.91	4179447.63	7.35
542	644751.04	4179453.34	7.24
543	644687.08	4179421.77	7.25
544	644651.04	4179382.11	7.43
545	644781.49	4179374.57	7.52
546	644638.75	4179524.00	6.77
547	644704.20	4179540.46	7.02
548	644720.05	4179331.30	7.66
549	644652.73	4179276.83	7.82
550	644594.69	4179286.60	7.81
551	644553.55	4179307.88	8.03
552	644582.85	4179385.45	7.42
553	644547.59	4179463.84	7.26
554	644587.96	4179533.53	6.99
555	644464.69	4179511.51	7.11
556	644458.51	4179430.01	7.27
557	644481.84	4179451.80	7.24
558	644511.17	4179343.07	7.49
559	644422.52	4179188.89	8.22
560	644494.33	4179201.46	8.16
561	644536.24	4179160.11	8.33
562	644510.90	4179123.08	8.42

Receptor Pathway

AERMOD

563	644479.20	4179133.58	8.35
564	644448.31	4179129.95	8.47
565	644452.76	4179185.46	8.12
566	644819.26	4178110.75	12.44
567	644432.02	4178184.01	11.91
568	643789.26	4178237.48	13.01
569	643119.53	4178034.41	14.98
570	640400.83	4178086.93	15.28
571	640651.52	4182600.78	6.74
572	640381.96	4182411.74	4.34
573	640647.52	4182373.39	4.00
574	640650.54	4182298.58	4.20
575	641085.45	4182754.82	4.65
576	641137.09	4182713.73	4.54
577	644304.24	4182367.65	3.81
578	644313.47	4182401.60	3.57
579	644346.08	4182544.35	3.82
580	644342.13	4182579.51	3.77
581	644298.15	4182492.21	3.32
582	644334.86	4182819.85	3.93

Plant Boundary Receptors

Cartesian Plant Boundary

Primary

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643056.95	4179847.93	FENCEPRI	8.07	
2	643249.62	4179856.27	FENCEPRI	7.72	
3	643244.70	4179977.45	FENCEPRI	7.48	
4	643320.11	4179981.67	FENCEPRI	7.10	
5	643317.62	4180052.81	FENCEPRI	6.83	
6	643048.31	4180042.53	FENCEPRI	7.22	
7	642294.54	4179807.47	FENCEPRI	10.37	
8	642589.40	4179825.20	FENCEPRI	9.81	
9	642577.16	4180325.97	FENCEPRI	7.95	
10	642317.85	4180543.57	FENCEPRI	7.84	
11	642276.47	4180552.83	FENCEPRI	7.70	

Intermediate

Receptor Pathway

AERMOD

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643061.89	4179848.14	FENCEINT	7.88	
2	643066.83	4179848.36	FENCEINT	7.82	
3	643071.77	4179848.57	FENCEINT	7.83	
4	643076.71	4179848.79	FENCEINT	7.80	
5	643081.65	4179849.00	FENCEINT	7.76	
6	643086.59	4179849.21	FENCEINT	7.74	
7	643091.53	4179849.43	FENCEINT	7.72	
8	643096.47	4179849.64	FENCEINT	7.71	
9	643101.41	4179849.85	FENCEINT	7.70	
10	643106.35	4179850.07	FENCEINT	7.70	
11	643111.29	4179850.28	FENCEINT	7.73	
12	643116.23	4179850.50	FENCEINT	7.74	
13	643121.17	4179850.71	FENCEINT	7.75	
14	643126.11	4179850.92	FENCEINT	7.75	
15	643131.05	4179851.14	FENCEINT	7.75	
16	643135.99	4179851.35	FENCEINT	7.76	
17	643140.93	4179851.57	FENCEINT	7.75	
18	643145.87	4179851.78	FENCEINT	7.74	
19	643150.81	4179851.99	FENCEINT	7.77	
20	643155.76	4179852.21	FENCEINT	7.81	
21	643160.70	4179852.42	FENCEINT	7.85	
22	643165.64	4179852.63	FENCEINT	7.87	
23	643170.58	4179852.85	FENCEINT	7.88	
24	643175.52	4179853.06	FENCEINT	7.87	
25	643180.46	4179853.28	FENCEINT	7.87	
26	643185.40	4179853.49	FENCEINT	7.88	
27	643190.34	4179853.70	FENCEINT	7.87	
28	643195.28	4179853.92	FENCEINT	7.87	
29	643200.22	4179854.13	FENCEINT	7.86	
30	643205.16	4179854.35	FENCEINT	7.86	
31	643210.10	4179854.56	FENCEINT	7.86	
32	643215.04	4179854.77	FENCEINT	7.85	
33	643219.98	4179854.99	FENCEINT	7.83	
34	643224.92	4179855.20	FENCEINT	7.82	
35	643229.86	4179855.41	FENCEINT	7.80	
36	643234.80	4179855.63	FENCEINT	7.79	
37	643239.74	4179855.84	FENCEINT	7.77	
38	643244.68	4179856.06	FENCEINT	7.74	
39	643249.62	4179861.12	FENCEINT	7.68	

Receptor Pathway

AERMOD

40	643249.23	4179865.96	FENCEINT	7.67	
41	643249.03	4179870.81	FENCEINT	7.66	
42	643248.83	4179875.66	FENCEINT	7.65	
43	643248.64	4179880.51	FENCEINT	7.64	
44	643248.44	4179885.35	FENCEINT	7.63	
45	643248.24	4179890.20	FENCEINT	7.63	
46	643248.05	4179895.05	FENCEINT	7.63	
47	643247.85	4179899.89	FENCEINT	7.63	
48	643247.65	4179904.74	FENCEINT	7.64	
49	643247.46	4179909.59	FENCEINT	7.64	
50	643247.26	4179914.44	FENCEINT	7.66	
51	643247.06	4179919.28	FENCEINT	7.69	
52	643246.86	4179924.13	FENCEINT	7.71	
53	643246.67	4179928.98	FENCEINT	7.67	
54	643246.47	4179933.83	FENCEINT	7.64	
55	643246.27	4179938.67	FENCEINT	7.62	
56	643246.08	4179943.52	FENCEINT	7.59	
57	643245.88	4179948.37	FENCEINT	7.56	
58	643245.68	4179953.21	FENCEINT	7.53	
59	643245.49	4179958.06	FENCEINT	7.50	
60	643245.29	4179962.91	FENCEINT	7.48	
61	643245.09	4179967.76	FENCEINT	7.48	
62	643244.90	4179972.60	FENCEINT	7.48	
63	643249.41	4179977.71	FENCEINT	7.48	
64	643254.13	4179977.98	FENCEINT	7.45	
65	643258.84	4179978.24	FENCEINT	7.42	
66	643263.55	4179978.51	FENCEINT	7.37	
67	643268.27	4179978.77	FENCEINT	7.32	
68	643272.98	4179979.03	FENCEINT	7.28	
69	643277.69	4179979.30	FENCEINT	7.23	
70	643282.41	4179979.56	FENCEINT	7.19	
71	643287.12	4179979.82	FENCEINT	7.15	
72	643291.83	4179980.09	FENCEINT	7.11	
73	643296.54	4179980.35	FENCEINT	7.08	
74	643301.26	4179980.62	FENCEINT	7.07	
75	643305.97	4179980.88	FENCEINT	7.07	
76	643310.68	4179981.14	FENCEINT	7.07	
77	643315.40	4179981.41	FENCEINT	7.08	
78	643319.94	4179986.41	FENCEINT	7.15	
79	643319.78	4179991.16	FENCEINT	7.11	
80	643319.61	4179995.90	FENCEINT	7.07	

Receptor Pathway

AERMOD

81	643319.45	4180000.64	FENCEINT	7.04	
82	643319.28	4180005.38	FENCEINT	7.01	
83	643319.11	4180010.13	FENCEINT	6.98	
84	643318.95	4180014.87	FENCEINT	6.96	
85	643318.78	4180019.61	FENCEINT	6.94	
86	643318.62	4180024.35	FENCEINT	6.93	
87	643318.45	4180029.10	FENCEINT	6.92	
88	643318.28	4180033.84	FENCEINT	6.92	
89	643318.12	4180038.58	FENCEINT	6.91	
90	643317.95	4180043.32	FENCEINT	6.88	
91	643317.79	4180048.07	FENCEINT	6.84	
92	643312.63	4180052.62	FENCEINT	6.84	
93	643307.65	4180052.43	FENCEINT	6.88	
94	643302.66	4180052.24	FENCEINT	6.93	
95	643297.67	4180052.05	FENCEINT	6.97	
96	643292.68	4180051.86	FENCEINT	7.02	
97	643287.70	4180051.67	FENCEINT	7.07	
98	643282.71	4180051.48	FENCEINT	7.13	
99	643277.72	4180051.29	FENCEINT	7.17	
100	643272.74	4180051.10	FENCEINT	7.21	
101	643267.75	4180050.91	FENCEINT	7.19	
102	643262.76	4180050.72	FENCEINT	7.16	
103	643257.77	4180050.53	FENCEINT	7.07	
104	643252.79	4180050.34	FENCEINT	7.04	
105	643247.80	4180050.14	FENCEINT	7.02	
106	643242.81	4180049.95	FENCEINT	7.02	
107	643237.82	4180049.76	FENCEINT	7.04	
108	643232.84	4180049.57	FENCEINT	7.10	
109	643227.85	4180049.38	FENCEINT	7.16	
110	643222.86	4180049.19	FENCEINT	7.23	
111	643217.88	4180049.00	FENCEINT	7.25	
112	643212.89	4180048.81	FENCEINT	7.27	
113	643207.90	4180048.62	FENCEINT	7.28	
114	643202.91	4180048.43	FENCEINT	7.29	
115	643197.93	4180048.24	FENCEINT	7.30	
116	643192.94	4180048.05	FENCEINT	7.29	
117	643187.95	4180047.86	FENCEINT	7.29	
118	643182.97	4180047.67	FENCEINT	7.28	
119	643177.98	4180047.48	FENCEINT	7.28	
120	643172.99	4180047.29	FENCEINT	7.28	
121	643168.00	4180047.10	FENCEINT	7.27	

Receptor Pathway

AERMOD

122	643163.02	4180046.91	FENCEINT	7.26	
123	643158.03	4180046.72	FENCEINT	7.24	
124	643153.04	4180046.53	FENCEINT	7.22	
125	643148.05	4180046.34	FENCEINT	7.19	
126	643143.07	4180046.15	FENCEINT	7.17	
127	643138.08	4180045.96	FENCEINT	7.14	
128	643133.09	4180045.77	FENCEINT	7.11	
129	643128.11	4180045.58	FENCEINT	7.10	
130	643123.12	4180045.39	FENCEINT	7.09	
131	643118.13	4180045.20	FENCEINT	7.10	
132	643113.14	4180045.00	FENCEINT	7.11	
133	643108.16	4180044.81	FENCEINT	7.11	
134	643103.17	4180044.62	FENCEINT	7.13	
135	643098.18	4180044.43	FENCEINT	7.14	
136	643093.20	4180044.24	FENCEINT	7.15	
137	643088.21	4180044.05	FENCEINT	7.15	
138	643083.22	4180043.86	FENCEINT	7.15	
139	643078.23	4180043.67	FENCEINT	7.16	
140	643073.25	4180043.48	FENCEINT	7.16	
141	643068.26	4180043.29	FENCEINT	7.16	
142	643063.27	4180043.10	FENCEINT	7.16	
143	643058.28	4180042.91	FENCEINT	7.17	
144	643053.30	4180042.72	FENCEINT	7.19	
145	643048.53	4180037.54	FENCEINT	7.23	
146	643048.75	4180032.55	FENCEINT	7.23	
147	643048.97	4180027.56	FENCEINT	7.20	
148	643049.20	4180022.57	FENCEINT	7.17	
149	643049.42	4180017.58	FENCEINT	7.17	
150	643049.64	4180012.59	FENCEINT	7.16	
151	643049.86	4180007.60	FENCEINT	7.17	
152	643050.08	4180002.61	FENCEINT	7.17	
153	643050.30	4179997.62	FENCEINT	7.19	
154	643050.53	4179992.63	FENCEINT	7.21	
155	643050.75	4179987.64	FENCEINT	7.21	
156	643050.97	4179982.65	FENCEINT	7.21	
157	643051.19	4179977.66	FENCEINT	7.23	
158	643051.41	4179972.67	FENCEINT	7.26	
159	643051.63	4179967.68	FENCEINT	7.31	
160	643051.85	4179962.69	FENCEINT	7.37	
161	643052.08	4179957.70	FENCEINT	7.48	
162	643052.30	4179952.71	FENCEINT	7.61	

Receptor Pathway

AERMOD

163	643052.52	4179947.72	FENCEINT	7.67	
164	643052.74	4179942.74	FENCEINT	7.70	
165	643052.96	4179937.75	FENCEINT	7.73	
166	643053.18	4179932.76	FENCEINT	7.75	
167	643053.41	4179927.77	FENCEINT	7.77	
168	643053.63	4179922.78	FENCEINT	7.80	
169	643053.85	4179917.79	FENCEINT	7.83	
170	643054.07	4179912.80	FENCEINT	7.87	
171	643054.29	4179907.81	FENCEINT	7.90	
172	643054.51	4179902.82	FENCEINT	7.92	
173	643054.73	4179897.83	FENCEINT	7.94	
174	643054.96	4179892.84	FENCEINT	7.96	
175	643055.18	4179887.85	FENCEINT	7.97	
176	643055.40	4179882.86	FENCEINT	7.96	
177	643055.62	4179877.87	FENCEINT	7.95	
178	643055.84	4179872.88	FENCEINT	7.94	
179	643056.06	4179867.89	FENCEINT	7.95	
180	643056.29	4179862.90	FENCEINT	7.98	
181	643056.51	4179857.91	FENCEINT	8.01	
182	643056.73	4179852.92	FENCEINT	8.03	
183	642299.45	4179807.77	FENCEINT	10.33	
184	642304.37	4179808.06	FENCEINT	10.27	
185	642309.28	4179808.36	FENCEINT	10.24	
186	642314.20	4179808.65	FENCEINT	10.22	
187	642319.11	4179808.95	FENCEINT	10.21	
188	642324.03	4179809.24	FENCEINT	10.20	
189	642328.94	4179809.54	FENCEINT	10.19	
190	642333.85	4179809.83	FENCEINT	10.18	
191	642338.77	4179810.13	FENCEINT	10.17	
192	642343.68	4179810.43	FENCEINT	10.15	
193	642348.60	4179810.72	FENCEINT	10.15	
194	642353.51	4179811.02	FENCEINT	10.15	
195	642358.43	4179811.31	FENCEINT	10.15	
196	642363.34	4179811.61	FENCEINT	10.15	
197	642368.26	4179811.90	FENCEINT	10.16	
198	642373.17	4179812.20	FENCEINT	10.16	
199	642378.08	4179812.49	FENCEINT	10.15	
200	642383.00	4179812.79	FENCEINT	10.16	
201	642387.91	4179813.08	FENCEINT	10.16	
202	642392.83	4179813.38	FENCEINT	10.15	
203	642397.74	4179813.68	FENCEINT	10.15	

Receptor Pathway

AERMOD

204	642402.66	4179813.97	FENCEINT	10.15	
205	642407.57	4179814.27	FENCEINT	10.15	
206	642412.48	4179814.56	FENCEINT	10.15	
207	642417.40	4179814.86	FENCEINT	10.15	
208	642422.31	4179815.15	FENCEINT	10.14	
209	642427.23	4179815.45	FENCEINT	10.12	
210	642432.14	4179815.74	FENCEINT	10.11	
211	642437.06	4179816.04	FENCEINT	10.11	
212	642441.97	4179816.34	FENCEINT	10.12	
213	642446.88	4179816.63	FENCEINT	10.12	
214	642451.80	4179816.93	FENCEINT	10.11	
215	642456.71	4179817.22	FENCEINT	10.12	
216	642461.63	4179817.52	FENCEINT	10.11	
217	642466.54	4179817.81	FENCEINT	10.10	
218	642471.46	4179818.11	FENCEINT	10.10	
219	642476.37	4179818.40	FENCEINT	10.10	
220	642481.28	4179818.70	FENCEINT	10.08	
221	642486.20	4179818.99	FENCEINT	10.08	
222	642491.11	4179819.29	FENCEINT	10.08	
223	642496.03	4179819.59	FENCEINT	10.07	
224	642500.94	4179819.88	FENCEINT	10.06	
225	642505.86	4179820.18	FENCEINT	10.05	
226	642510.77	4179820.47	FENCEINT	10.05	
227	642515.69	4179820.77	FENCEINT	10.03	
228	642520.60	4179821.06	FENCEINT	10.03	
229	642525.51	4179821.36	FENCEINT	10.02	
230	642530.43	4179821.65	FENCEINT	10.00	
231	642535.34	4179821.95	FENCEINT	9.99	
232	642540.26	4179822.25	FENCEINT	9.99	
233	642545.17	4179822.54	FENCEINT	9.98	
234	642550.09	4179822.84	FENCEINT	9.97	
235	642555.00	4179823.13	FENCEINT	9.96	
236	642559.91	4179823.43	FENCEINT	9.95	
237	642564.83	4179823.72	FENCEINT	9.93	
238	642569.74	4179824.02	FENCEINT	9.91	
239	642574.66	4179824.31	FENCEINT	9.89	
240	642579.57	4179824.61	FENCEINT	9.86	
241	642584.49	4179824.90	FENCEINT	9.84	
242	642589.28	4179830.16	FENCEINT	9.53	
243	642589.16	4179835.12	FENCEINT	9.47	
244	642589.04	4179840.07	FENCEINT	9.41	

Receptor Pathway

AERMOD

245	642588.92	4179845.03	FENCEINT	9.40	
246	642588.79	4179849.99	FENCEINT	9.39	
247	642588.67	4179854.95	FENCEINT	9.37	
248	642588.55	4179859.91	FENCEINT	9.36	
249	642588.43	4179864.86	FENCEINT	9.35	
250	642588.31	4179869.82	FENCEINT	9.33	
251	642588.19	4179874.78	FENCEINT	9.32	
252	642588.07	4179879.74	FENCEINT	9.31	
253	642587.95	4179884.70	FENCEINT	9.29	
254	642587.82	4179889.66	FENCEINT	9.28	
255	642587.70	4179894.61	FENCEINT	9.27	
256	642587.58	4179899.57	FENCEINT	9.25	
257	642587.46	4179904.53	FENCEINT	9.24	
258	642587.34	4179909.49	FENCEINT	9.23	
259	642587.22	4179914.45	FENCEINT	9.22	
260	642587.10	4179919.40	FENCEINT	9.21	
261	642586.98	4179924.36	FENCEINT	9.20	
262	642586.86	4179929.32	FENCEINT	9.19	
263	642586.73	4179934.28	FENCEINT	9.17	
264	642586.61	4179939.24	FENCEINT	9.16	
265	642586.49	4179944.19	FENCEINT	9.14	
266	642586.37	4179949.15	FENCEINT	9.11	
267	642586.25	4179954.11	FENCEINT	9.08	
268	642586.13	4179959.07	FENCEINT	9.07	
269	642586.01	4179964.03	FENCEINT	9.06	
270	642585.89	4179968.99	FENCEINT	9.04	
271	642585.76	4179973.94	FENCEINT	9.02	
272	642585.64	4179978.90	FENCEINT	9.01	
273	642585.52	4179983.86	FENCEINT	9.00	
274	642585.40	4179988.82	FENCEINT	8.99	
275	642585.28	4179993.78	FENCEINT	8.97	
276	642585.16	4179998.73	FENCEINT	8.96	
277	642585.04	4180003.69	FENCEINT	8.94	
278	642584.92	4180008.65	FENCEINT	8.93	
279	642584.79	4180013.61	FENCEINT	8.91	
280	642584.67	4180018.57	FENCEINT	8.90	
281	642584.55	4180023.52	FENCEINT	8.88	
282	642584.43	4180028.48	FENCEINT	8.86	
283	642584.31	4180033.44	FENCEINT	8.85	
284	642584.19	4180038.40	FENCEINT	8.84	
285	642584.07	4180043.36	FENCEINT	8.82	

Receptor Pathway

AERMOD

286	642583.95	4180048.32	FENCEINT	8.80	
287	642583.83	4180053.27	FENCEINT	8.78	
288	642583.70	4180058.23	FENCEINT	8.76	
289	642583.58	4180063.19	FENCEINT	8.75	
290	642583.46	4180068.15	FENCEINT	8.74	
291	642583.34	4180073.11	FENCEINT	8.72	
292	642583.22	4180078.06	FENCEINT	8.71	
293	642583.10	4180083.02	FENCEINT	8.70	
294	642582.98	4180087.98	FENCEINT	8.68	
295	642582.86	4180092.94	FENCEINT	8.66	
296	642582.73	4180097.90	FENCEINT	8.65	
297	642582.61	4180102.85	FENCEINT	8.63	
298	642582.49	4180107.81	FENCEINT	8.62	
299	642582.37	4180112.77	FENCEINT	8.60	
300	642582.25	4180117.73	FENCEINT	8.59	
301	642582.13	4180122.69	FENCEINT	8.57	
302	642582.01	4180127.65	FENCEINT	8.55	
303	642581.89	4180132.60	FENCEINT	8.54	
304	642581.77	4180137.56	FENCEINT	8.52	
305	642581.64	4180142.52	FENCEINT	8.50	
306	642581.52	4180147.48	FENCEINT	8.49	
307	642581.40	4180152.44	FENCEINT	8.47	
308	642581.28	4180157.39	FENCEINT	8.45	
309	642581.16	4180162.35	FENCEINT	8.44	
310	642581.04	4180167.31	FENCEINT	8.43	
311	642580.92	4180172.27	FENCEINT	8.41	
312	642580.80	4180177.23	FENCEINT	8.39	
313	642580.67	4180182.18	FENCEINT	8.37	
314	642580.55	4180187.14	FENCEINT	8.35	
315	642580.43	4180192.10	FENCEINT	8.33	
316	642580.31	4180197.06	FENCEINT	8.31	
317	642580.19	4180202.02	FENCEINT	8.29	
318	642580.07	4180206.98	FENCEINT	8.28	
319	642579.95	4180211.93	FENCEINT	8.26	
320	642579.83	4180216.89	FENCEINT	8.24	
321	642579.70	4180221.85	FENCEINT	8.22	
322	642579.58	4180226.81	FENCEINT	8.21	
323	642579.46	4180231.77	FENCEINT	8.19	
324	642579.34	4180236.72	FENCEINT	8.17	
325	642579.22	4180241.68	FENCEINT	8.16	
326	642579.10	4180246.64	FENCEINT	8.15	

Receptor Pathway

AERMOD

327	642578.98	4180251.60	FENCEINT	8.13	
328	642578.86	4180256.56	FENCEINT	8.11	
329	642578.74	4180261.51	FENCEINT	8.09	
330	642578.61	4180266.47	FENCEINT	8.07	
331	642578.49	4180271.43	FENCEINT	8.05	
332	642578.37	4180276.39	FENCEINT	8.02	
333	642578.25	4180281.35	FENCEINT	8.00	
334	642578.13	4180286.31	FENCEINT	7.98	
335	642578.01	4180291.26	FENCEINT	7.96	
336	642577.89	4180296.22	FENCEINT	7.95	
337	642577.77	4180301.18	FENCEINT	7.94	
338	642577.64	4180306.14	FENCEINT	7.98	
339	642577.52	4180311.10	FENCEINT	8.04	
340	642577.40	4180316.05	FENCEINT	8.05	
341	642577.28	4180321.01	FENCEINT	8.05	
342	642573.35	4180329.17	FENCEINT	7.93	
343	642569.53	4180332.37	FENCEINT	7.93	
344	642565.72	4180335.57	FENCEINT	7.96	
345	642561.91	4180338.77	FENCEINT	7.92	
346	642558.09	4180341.97	FENCEINT	7.91	
347	642554.28	4180345.17	FENCEINT	7.92	
348	642550.47	4180348.37	FENCEINT	7.92	
349	642546.65	4180351.57	FENCEINT	7.90	
350	642542.84	4180354.77	FENCEINT	7.94	
351	642539.03	4180357.97	FENCEINT	7.92	
352	642535.21	4180361.17	FENCEINT	7.91	
353	642531.40	4180364.37	FENCEINT	7.93	
354	642527.59	4180367.57	FENCEINT	7.92	
355	642523.77	4180370.77	FENCEINT	7.89	
356	642519.96	4180373.97	FENCEINT	7.93	
357	642516.15	4180377.17	FENCEINT	7.93	
358	642512.33	4180380.37	FENCEINT	7.90	
359	642508.52	4180383.57	FENCEINT	7.95	
360	642504.71	4180386.77	FENCEINT	7.92	
361	642500.89	4180389.97	FENCEINT	7.90	
362	642497.08	4180393.17	FENCEINT	7.92	
363	642493.27	4180396.37	FENCEINT	7.93	
364	642489.45	4180399.57	FENCEINT	7.91	
365	642485.64	4180402.77	FENCEINT	7.93	
366	642481.83	4180405.97	FENCEINT	7.94	
367	642478.01	4180409.17	FENCEINT	7.91	

Receptor Pathway

AERMOD

368	642474.20	4180412.37	FENCEINT	7.91	
369	642470.39	4180415.57	FENCEINT	7.93	
370	642466.57	4180418.77	FENCEINT	7.92	
371	642462.76	4180421.97	FENCEINT	7.91	
372	642458.95	4180425.17	FENCEINT	7.95	
373	642455.13	4180428.37	FENCEINT	7.90	
374	642451.32	4180431.57	FENCEINT	7.91	
375	642447.51	4180434.77	FENCEINT	7.93	
376	642443.69	4180437.97	FENCEINT	7.92	
377	642439.88	4180441.17	FENCEINT	7.92	
378	642436.06	4180444.37	FENCEINT	7.96	
379	642432.25	4180447.57	FENCEINT	7.94	
380	642428.44	4180450.77	FENCEINT	7.90	
381	642424.62	4180453.97	FENCEINT	7.95	
382	642420.81	4180457.17	FENCEINT	7.91	
383	642417.00	4180460.37	FENCEINT	7.90	
384	642413.18	4180463.57	FENCEINT	7.93	
385	642409.37	4180466.77	FENCEINT	7.94	
386	642405.56	4180469.97	FENCEINT	7.89	
387	642401.74	4180473.17	FENCEINT	7.92	
388	642397.93	4180476.37	FENCEINT	7.89	
389	642394.12	4180479.57	FENCEINT	7.87	
390	642390.30	4180482.77	FENCEINT	7.90	
391	642386.49	4180485.97	FENCEINT	7.92	
392	642382.68	4180489.17	FENCEINT	7.90	
393	642378.86	4180492.37	FENCEINT	7.90	
394	642375.05	4180495.57	FENCEINT	7.94	
395	642371.24	4180498.77	FENCEINT	7.88	
396	642367.42	4180501.97	FENCEINT	7.90	
397	642363.61	4180505.17	FENCEINT	7.92	
398	642359.80	4180508.37	FENCEINT	7.90	
399	642355.98	4180511.57	FENCEINT	7.89	
400	642352.17	4180514.77	FENCEINT	7.96	
401	642348.36	4180517.97	FENCEINT	7.91	
402	642344.54	4180521.17	FENCEINT	7.90	
403	642340.73	4180524.37	FENCEINT	7.99	
404	642336.92	4180527.57	FENCEINT	7.90	
405	642333.10	4180530.77	FENCEINT	7.87	
406	642329.29	4180533.97	FENCEINT	7.87	
407	642325.48	4180537.17	FENCEINT	7.86	
408	642321.66	4180540.37	FENCEINT	7.81	

Receptor Pathway

AERMOD

409	642313.25	4180544.60	FENCEINT	7.81	
410	642308.65	4180545.63	FENCEINT	7.75	
411	642304.06	4180546.66	FENCEINT	7.74	
412	642299.46	4180547.69	FENCEINT	7.72	
413	642294.86	4180548.71	FENCEINT	7.72	
414	642290.26	4180549.74	FENCEINT	7.72	
415	642285.67	4180550.77	FENCEINT	7.72	
416	642281.07	4180551.80	FENCEINT	7.71	
417	642276.59	4180547.86	FENCEINT	7.72	
418	642276.71	4180542.89	FENCEINT	7.72	
419	642276.83	4180537.92	FENCEINT	7.64	
420	642276.95	4180532.95	FENCEINT	7.56	
421	642277.07	4180527.98	FENCEINT	7.55	
422	642277.19	4180523.02	FENCEINT	7.54	
423	642277.31	4180518.05	FENCEINT	7.56	
424	642277.43	4180513.08	FENCEINT	7.58	
425	642277.55	4180508.11	FENCEINT	7.59	
426	642277.67	4180503.14	FENCEINT	7.61	
427	642277.80	4180498.17	FENCEINT	7.61	
428	642277.92	4180493.20	FENCEINT	7.62	
429	642278.04	4180488.23	FENCEINT	7.63	
430	642278.16	4180483.26	FENCEINT	7.65	
431	642278.28	4180478.29	FENCEINT	7.67	
432	642278.40	4180473.32	FENCEINT	7.69	
433	642278.52	4180468.36	FENCEINT	7.71	
434	642278.64	4180463.39	FENCEINT	7.72	
435	642278.76	4180458.42	FENCEINT	7.74	
436	642278.88	4180453.45	FENCEINT	7.76	
437	642279.00	4180448.48	FENCEINT	7.78	
438	642279.12	4180443.51	FENCEINT	7.79	
439	642279.24	4180438.54	FENCEINT	7.80	
440	642279.36	4180433.57	FENCEINT	7.81	
441	642279.48	4180428.60	FENCEINT	7.82	
442	642279.60	4180423.63	FENCEINT	7.83	
443	642279.72	4180418.67	FENCEINT	7.84	
444	642279.84	4180413.70	FENCEINT	7.85	
445	642279.96	4180408.73	FENCEINT	7.87	
446	642280.08	4180403.76	FENCEINT	7.88	
447	642280.20	4180398.79	FENCEINT	7.89	
448	642280.32	4180393.82	FENCEINT	7.91	
449	642280.45	4180388.85	FENCEINT	7.93	

Receptor Pathway

AERMOD

450	642280.57	4180383.88	FENCEINT	7.95	
451	642280.69	4180378.91	FENCEINT	7.97	
452	642280.81	4180373.94	FENCEINT	7.99	
453	642280.93	4180368.97	FENCEINT	8.01	
454	642281.05	4180364.01	FENCEINT	8.02	
455	642281.17	4180359.04	FENCEINT	8.04	
456	642281.29	4180354.07	FENCEINT	8.06	
457	642281.41	4180349.10	FENCEINT	8.09	
458	642281.53	4180344.13	FENCEINT	8.10	
459	642281.65	4180339.16	FENCEINT	8.10	
460	642281.77	4180334.19	FENCEINT	8.11	
461	642281.89	4180329.22	FENCEINT	8.12	
462	642282.01	4180324.25	FENCEINT	8.13	
463	642282.13	4180319.28	FENCEINT	8.14	
464	642282.25	4180314.31	FENCEINT	8.15	
465	642282.37	4180309.35	FENCEINT	8.17	
466	642282.49	4180304.38	FENCEINT	8.18	
467	642282.61	4180299.41	FENCEINT	8.19	
468	642282.73	4180294.44	FENCEINT	8.20	
469	642282.85	4180289.47	FENCEINT	8.20	
470	642282.98	4180284.50	FENCEINT	8.21	
471	642283.10	4180279.53	FENCEINT	8.22	
472	642283.22	4180274.56	FENCEINT	8.23	
473	642283.34	4180269.59	FENCEINT	8.25	
474	642283.46	4180264.62	FENCEINT	8.27	
475	642283.58	4180259.66	FENCEINT	8.29	
476	642283.70	4180254.69	FENCEINT	8.32	
477	642283.82	4180249.72	FENCEINT	8.33	
478	642283.94	4180244.75	FENCEINT	8.34	
479	642284.06	4180239.78	FENCEINT	8.34	
480	642284.18	4180234.81	FENCEINT	8.35	
481	642284.30	4180229.84	FENCEINT	8.36	
482	642284.42	4180224.87	FENCEINT	8.37	
483	642284.54	4180219.90	FENCEINT	8.38	
484	642284.66	4180214.93	FENCEINT	8.39	
485	642284.78	4180209.96	FENCEINT	8.41	
486	642284.90	4180205.00	FENCEINT	8.44	
487	642285.02	4180200.03	FENCEINT	8.46	
488	642285.14	4180195.06	FENCEINT	8.48	
489	642285.26	4180190.09	FENCEINT	8.48	
490	642285.38	4180185.12	FENCEINT	8.49	

Receptor Pathway

AERMOD

491	642285.51	4180180.15	FENCEINT	8.50	
492	642285.63	4180175.18	FENCEINT	8.52	
493	642285.75	4180170.21	FENCEINT	8.54	
494	642285.87	4180165.24	FENCEINT	8.56	
495	642285.99	4180160.27	FENCEINT	8.59	
496	642286.11	4180155.30	FENCEINT	8.61	
497	642286.23	4180150.34	FENCEINT	8.63	
498	642286.35	4180145.37	FENCEINT	8.64	
499	642286.47	4180140.40	FENCEINT	8.66	
500	642286.59	4180135.43	FENCEINT	8.67	
501	642286.71	4180130.46	FENCEINT	8.70	
502	642286.83	4180125.49	FENCEINT	8.76	
503	642286.95	4180120.52	FENCEINT	8.81	
504	642287.07	4180115.55	FENCEINT	8.84	
505	642287.19	4180110.58	FENCEINT	8.87	
506	642287.31	4180105.61	FENCEINT	8.89	
507	642287.43	4180100.64	FENCEINT	8.92	
508	642287.55	4180095.68	FENCEINT	8.94	
509	642287.67	4180090.71	FENCEINT	8.96	
510	642287.79	4180085.74	FENCEINT	8.98	
511	642287.91	4180080.77	FENCEINT	9.00	
512	642288.03	4180075.80	FENCEINT	9.02	
513	642288.16	4180070.83	FENCEINT	9.04	
514	642288.28	4180065.86	FENCEINT	9.06	
515	642288.40	4180060.89	FENCEINT	9.07	
516	642288.52	4180055.92	FENCEINT	9.09	
517	642288.64	4180050.95	FENCEINT	9.11	
518	642288.76	4180045.99	FENCEINT	9.14	
519	642288.88	4180041.02	FENCEINT	9.16	
520	642289.00	4180036.05	FENCEINT	9.18	
521	642289.12	4180031.08	FENCEINT	9.20	
522	642289.24	4180026.11	FENCEINT	9.22	
523	642289.36	4180021.14	FENCEINT	9.23	
524	642289.48	4180016.17	FENCEINT	9.25	
525	642289.60	4180011.20	FENCEINT	9.27	
526	642289.72	4180006.23	FENCEINT	9.29	
527	642289.84	4180001.26	FENCEINT	9.31	
528	642289.96	4179996.29	FENCEINT	9.33	
529	642290.08	4179991.33	FENCEINT	9.35	
530	642290.20	4179986.36	FENCEINT	9.37	
531	642290.32	4179981.39	FENCEINT	9.38	

Receptor Pathway

AERMOD

532	642290.44	4179976.42	FENCEINT	9.40	
533	642290.56	4179971.45	FENCEINT	9.43	
534	642290.69	4179966.48	FENCEINT	9.44	
535	642290.81	4179961.51	FENCEINT	9.46	
536	642290.93	4179956.54	FENCEINT	9.48	
537	642291.05	4179951.57	FENCEINT	9.49	
538	642291.17	4179946.60	FENCEINT	9.51	
539	642291.29	4179941.63	FENCEINT	9.53	
540	642291.41	4179936.67	FENCEINT	9.55	
541	642291.53	4179931.70	FENCEINT	9.57	
542	642291.65	4179926.73	FENCEINT	9.59	
543	642291.77	4179921.76	FENCEINT	9.61	
544	642291.89	4179916.79	FENCEINT	9.63	
545	642292.01	4179911.82	FENCEINT	9.65	
546	642292.13	4179906.85	FENCEINT	9.66	
547	642292.25	4179901.88	FENCEINT	9.69	
548	642292.37	4179896.91	FENCEINT	9.71	
549	642292.49	4179891.94	FENCEINT	9.73	
550	642292.61	4179886.98	FENCEINT	9.75	
551	642292.73	4179882.01	FENCEINT	9.79	
552	642292.85	4179877.04	FENCEINT	9.83	
553	642292.97	4179872.07	FENCEINT	9.83	
554	642293.09	4179867.10	FENCEINT	9.82	
555	642293.21	4179862.13	FENCEINT	9.79	
556	642293.34	4179857.16	FENCEINT	9.77	
557	642293.46	4179852.19	FENCEINT	9.76	
558	642293.58	4179847.22	FENCEINT	9.78	
559	642293.70	4179842.25	FENCEINT	9.80	
560	642293.82	4179837.28	FENCEINT	9.82	
561	642293.94	4179832.32	FENCEINT	9.87	
562	642294.06	4179827.35	FENCEINT	9.93	
563	642294.18	4179822.38	FENCEINT	10.00	
564	642294.30	4179817.41	FENCEINT	10.09	
565	642294.42	4179812.44	FENCEINT	10.21	

Receptor Groups

Record Number	Group ID	Group Description
1	FENCEPRI	Cartesian plant boundary Primary Receptors
2	FENCEINT	Cartesian plant boundary Intermediate Receptors

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.SFC
Format Type: Default AERMET format

Profile Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.PFL
Format Type: Default AERMET format

Wind Speed



Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 14.00 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2004			Station ID 66666
Upper Air		2004			

Data Period

Data Period to Process

Start Date: 1/1/2004 Start Hour: 1 End Date: 12/31/2008 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00184	ug/m^3	r	642423.59	4180906.20	5.74	0.00	5.74	
PERIOD		0.00174	ug/m^3	r	642441.65	4180909.13	5.71	0.00	5.71	
PERIOD		0.00165	ug/m^3	r	642480.08	4180894.46	6.83	0.00	6.83	
PERIOD		0.00150	ug/m^3	r	642519.76	4180888.29	5.42	0.00	5.42	
PERIOD		0.00136	ug/m^3	r	642566.51	4180882.54	5.07	0.00	5.07	
PERIOD		0.00127	ug/m^3	r	642626.31	4180850.18	5.27	0.00	5.27	
PERIOD		0.00128	ug/m^3	r	642669.21	4180807.50	4.70	0.00	4.70	
PERIOD		0.00139	ug/m^3	r	642766.30	4180717.00	5.31	0.00	5.31	
PERIOD		0.00196	ug/m^3	r	642864.59	4180554.77	5.81	0.00	5.81	
PERIOD		0.00221	ug/m^3	r	642843.70	4180532.79	5.99	0.00	5.99	
PERIOD		0.18107	ug/m^3	r	642612.01	4179848.87	9.81	0.00	9.81	
PERIOD		0.13312	ug/m^3	r	642624.90	4179791.78	10.39	0.00	10.39	
PERIOD		0.11887	ug/m^3	r	642639.86	4179791.65	10.35	0.00	10.35	
PERIOD		0.09939	ug/m^3	r	642667.43	4179795.46	9.94	0.00	9.94	
PERIOD		0.08518	ug/m^3	r	642693.29	4179797.16	9.84	0.00	9.84	
PERIOD		0.06794	ug/m^3	r	642728.95	4179797.77	9.79	0.00	9.79	
PERIOD		0.04729	ug/m^3	r	642798.23	4179801.48	9.03	0.00	9.03	
PERIOD		0.03976	ug/m^3	r	642838.25	4179796.55	8.93	0.00	8.93	
PERIOD		0.03444	ug/m^3	r	642873.35	4179801.20	8.83	0.00	8.83	
PERIOD		0.03061	ug/m^3	r	642903.14	4179804.04	8.64	0.00	8.64	

Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.03376	ug/m^3	r	642861.85	4179877.44	8.79	0.00	8.79	
PERIOD		0.02691	ug/m^3	r	642915.46	4179883.14	9.24	0.00	9.24	
PERIOD		0.02822	ug/m^3	r	642889.34	4179922.70	8.80	0.00	8.80	
PERIOD		0.02334	ug/m^3	r	642916.53	4179957.30	8.35	0.00	8.35	
PERIOD		0.02865	ug/m^3	r	642846.92	4180017.86	8.29	0.00	8.29	
PERIOD		0.01955	ug/m^3	r	642969.73	4179932.63	8.53	0.00	8.53	
PERIOD		0.01819	ug/m^3	r	642984.82	4179936.19	8.37	0.00	8.37	
PERIOD		0.01686	ug/m^3	r	643006.43	4179931.45	8.58	0.00	8.58	
PERIOD		0.01721	ug/m^3	r	643027.44	4179882.32	8.62	0.00	8.62	
PERIOD		0.02626	ug/m^3	r	642942.74	4179809.51	8.49	0.00	8.49	
PERIOD		0.02238	ug/m^3	r	642986.00	4179809.05	8.33	0.00	8.33	
PERIOD		0.02072	ug/m^3	r	643009.48	4179802.10	8.33	0.00	8.33	
PERIOD		0.01551	ug/m^3	r	643092.88	4179800.30	7.67	0.00	7.67	
PERIOD		0.01455	ug/m^3	r	643107.73	4179811.01	7.72	0.00	7.72	
PERIOD		0.01315	ug/m^3	r	643138.65	4179813.25	8.23	0.00	8.23	
PERIOD		0.01445	ug/m^3	r	643123.91	4179779.64	8.25	0.00	8.25	
PERIOD		0.01286	ug/m^3	r	643160.42	4179780.20	8.27	0.00	8.27	
PERIOD		0.01259	ug/m^3	r	643175.36	4179761.55	8.29	0.00	8.29	
PERIOD		0.01303	ug/m^3	r	643163.42	4179763.67	8.32	0.00	8.32	
PERIOD		0.01420	ug/m^3	r	643139.64	4179753.74	8.35	0.00	8.35	
PERIOD		0.01411	ug/m^3	r	643144.44	4179746.59	8.39	0.00	8.39	

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AERMOD View by Lakes Environmental Software

RS - 2 of 28

2/26/2021

Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01093	ug/m^3	r	643213.32	4179778.97	8.13	0.00	8.13	
PERIOD		0.01000	ug/m^3	r	643220.99	4179818.86	7.81	0.00	7.81	
PERIOD		0.00971	ug/m^3	r	643231.24	4179817.25	7.83	0.00	7.83	
PERIOD		0.01095	ug/m^3	r	643195.08	4179812.50	7.85	0.00	7.85	
PERIOD		0.00889	ug/m^3	r	643266.55	4179806.39	7.79	0.00	7.79	
PERIOD		0.01087	ug/m^3	r	643225.65	4179758.26	8.28	0.00	8.28	
PERIOD		0.01047	ug/m^3	r	643235.56	4179763.82	8.27	0.00	8.27	
PERIOD		0.01277	ug/m^3	r	643180.87	4179738.16	8.54	0.00	8.54	
PERIOD		0.01536	ug/m^3	r	643132.53	4179699.67	8.87	0.00	8.87	
PERIOD		0.01614	ug/m^3	r	643117.14	4179693.48	8.81	0.00	8.81	
PERIOD		0.01701	ug/m^3	r	643101.08	4179686.86	8.98	0.00	8.98	
PERIOD		0.01864	ug/m^3	r	643069.34	4179691.13	9.02	0.00	9.02	
PERIOD		0.01798	ug/m^3	r	643077.53	4179710.91	8.88	0.00	8.88	
PERIOD		0.01843	ug/m^3	r	643018.96	4179438.01	10.05	0.00	10.05	
PERIOD		0.01777	ug/m^3	r	643084.59	4179523.29	9.74	0.00	9.74	
PERIOD		0.01619	ug/m^3	r	643123.69	4179508.56	9.65	0.00	9.65	
PERIOD		0.01349	ug/m^3	r	643205.32	4179504.68	9.73	0.00	9.73	
PERIOD		0.01347	ug/m^3	r	643205.63	4179524.47	9.49	0.00	9.49	
PERIOD		0.01278	ug/m^3	r	643228.04	4179453.82	9.60	0.00	9.60	
PERIOD		0.01358	ug/m^3	r	643191.32	4179422.31	9.37	0.00	9.37	
PERIOD		0.01490	ug/m^3	r	643156.40	4179471.78	9.88	0.00	9.88	

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01169	ug/m^3	r	643267.56	4179525.34	9.42	0.00	9.42	
PERIOD		0.01237	ug/m^3	r	643239.54	4179565.68	9.28	0.00	9.28	
PERIOD		0.01149	ug/m^3	r	643269.96	4179568.47	9.13	0.00	9.13	
PERIOD		0.01139	ug/m^3	r	643276.56	4179548.69	9.25	0.00	9.25	
PERIOD		0.01038	ug/m^3	r	643304.54	4179598.63	8.34	0.00	8.34	
PERIOD		0.01355	ug/m^3	r	643198.44	4179596.54	9.10	0.00	9.10	
PERIOD		0.01475	ug/m^3	r	643165.27	4179587.66	9.05	0.00	9.05	
PERIOD		0.01070	ug/m^3	r	643279.62	4179642.39	8.41	0.00	8.41	
PERIOD		0.00877	ug/m^3	r	643342.12	4179677.63	8.40	0.00	8.40	
PERIOD		0.00814	ug/m^3	r	643365.52	4179686.82	8.14	0.00	8.14	
PERIOD		0.00696	ug/m^3	r	643412.02	4179712.59	8.03	0.00	8.03	
PERIOD		0.00662	ug/m^3	r	643426.83	4179720.88	8.06	0.00	8.06	
PERIOD		0.00593	ug/m^3	r	643443.06	4179763.53	7.71	0.00	7.71	
PERIOD		0.00590	ug/m^3	r	643462.19	4179738.10	7.72	0.00	7.72	
PERIOD		0.00563	ug/m^3	r	643477.05	4179744.65	7.75	0.00	7.75	
PERIOD		0.00404	ug/m^3	r	643609.19	4179779.40	6.99	0.00	6.99	
PERIOD		0.00427	ug/m^3	r	643581.34	4179779.40	7.10	0.00	7.10	
PERIOD		0.00599	ug/m^3	r	643486.28	4179690.48	7.69	0.00	7.69	
PERIOD		0.00642	ug/m^3	r	643461.70	4179683.07	7.85	0.00	7.85	
PERIOD		0.00717	ug/m^3	r	643435.58	4179649.08	7.89	0.00	7.89	
PERIOD		0.00692	ug/m^3	r	643445.96	4179656.83	7.86	0.00	7.86	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00703	ug/m^3	r	643433.08	4179668.66	7.88	0.00	7.88	
PERIOD		0.00666	ug/m^3	r	643472.43	4179636.73	7.74	0.00	7.74	
PERIOD		0.00712	ug/m^3	r	643467.63	4179586.55	7.66	0.00	7.66	
PERIOD		0.00709	ug/m^3	r	643474.60	4179575.24	7.82	0.00	7.82	
PERIOD		0.00703	ug/m^3	r	643488.40	4179549.74	7.60	0.00	7.60	
PERIOD		0.00221	ug/m^3	r	644226.05	4179433.08	7.30	0.00	7.30	
PERIOD		0.00261	ug/m^3	r	643856.00	4179782.95	6.39	0.00	6.39	
PERIOD		0.00245	ug/m^3	r	643894.54	4179783.96	6.19	0.00	6.19	
PERIOD		0.00243	ug/m^3	r	643904.86	4179771.37	6.11	0.00	6.11	
PERIOD		0.00249	ug/m^3	r	643902.09	4179750.97	6.08	0.00	6.08	
PERIOD		0.00275	ug/m^3	r	643884.46	4179690.78	6.26	0.00	6.26	
PERIOD		0.00371	ug/m^3	r	643988.56	4178601.40	11.42	0.00	11.42	
PERIOD		0.00375	ug/m^3	r	643970.67	4178600.51	11.44	0.00	11.44	
PERIOD		0.00379	ug/m^3	r	643953.35	4178599.84	11.46	0.00	11.46	
PERIOD		0.00379	ug/m^3	r	643940.61	4178583.63	11.57	0.00	11.57	
PERIOD		0.00383	ug/m^3	r	643898.25	4178561.06	11.56	0.00	11.56	
PERIOD		0.00386	ug/m^3	r	643882.49	4178560.50	11.54	0.00	11.54	
PERIOD		0.00388	ug/m^3	r	643868.08	4178560.61	11.50	0.00	11.50	
PERIOD		0.00367	ug/m^3	r	643850.61	4178477.15	12.36	0.00	12.36	
PERIOD		0.00386	ug/m^3	r	643802.93	4178519.25	11.99	0.00	11.99	
PERIOD		0.00322	ug/m^3	r	643566.21	4178374.81	12.85	0.00	12.85	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00389	ug/m^3	r	642899.11	4178625.63	13.25	0.00	13.25	
PERIOD		0.00391	ug/m^3	r	642861.77	4178630.37	13.35	0.00	13.35	
PERIOD		0.00208	ug/m^3	r	642634.32	4178208.71	14.34	0.00	14.34	
PERIOD		0.00217	ug/m^3	r	642761.13	4178115.10	14.42	0.00	14.42	
PERIOD		0.00130	ug/m^3	r	642021.23	4178205.01	14.76	0.00	14.76	
PERIOD		0.00151	ug/m^3	r	641455.17	4178051.75	15.53	0.00	15.53	
PERIOD		0.00129	ug/m^3	r	640663.35	4177956.52	16.03	0.00	16.03	
PERIOD		0.00122	ug/m^3	r	640591.80	4177954.95	16.27	0.00	16.27	
PERIOD		0.00121	ug/m^3	r	640596.52	4177721.41	16.97	0.00	16.97	
PERIOD		0.00128	ug/m^3	r	640657.83	4177883.48	16.30	0.00	16.30	
PERIOD		0.00131	ug/m^3	r	640682.46	4177911.49	16.15	0.00	16.15	
PERIOD		0.00132	ug/m^3	r	640695.49	4177909.55	16.19	0.00	16.19	
PERIOD		0.00135	ug/m^3	r	640717.22	4177907.62	16.19	0.00	16.19	
PERIOD		0.00135	ug/m^3	r	640718.67	4177867.06	16.41	0.00	16.41	
PERIOD		0.00132	ug/m^3	r	640699.36	4177856.92	16.47	0.00	16.47	
PERIOD		0.00128	ug/m^3	r	640661.69	4177868.02	16.36	0.00	16.36	
PERIOD		0.00130	ug/m^3	r	640679.07	4177800.90	16.71	0.00	16.71	
PERIOD		0.00132	ug/m^3	r	640699.84	4177807.66	16.56	0.00	16.56	
PERIOD		0.00134	ug/m^3	r	640721.09	4177809.59	16.64	0.00	16.64	
PERIOD		0.00128	ug/m^3	r	640660.72	4177772.41	16.71	0.00	16.71	
PERIOD		0.00132	ug/m^3	r	640702.74	4177753.09	16.93	0.00	16.93	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00129	ug/m^3	r	640669.42	4177758.89	16.73	0.00	16.73	
PERIOD		0.00136	ug/m^3	r	640743.35	4177756.71	16.91	0.00	16.91	
PERIOD		0.00142	ug/m^3	r	640801.27	4177764.04	16.95	0.00	16.95	
PERIOD		0.00145	ug/m^3	r	640850.11	4177764.04	16.95	0.00	16.95	
PERIOD		0.00147	ug/m^3	r	640883.26	4177755.67	16.90	0.00	16.90	
PERIOD		0.00148	ug/m^3	r	640884.30	4177764.39	16.93	0.00	16.93	
PERIOD		0.00148	ug/m^3	r	640885.00	4177773.81	16.93	0.00	16.93	
PERIOD		0.00148	ug/m^3	r	640885.00	4177782.53	16.93	0.00	16.93	
PERIOD		0.00149	ug/m^3	r	640883.26	4177791.95	16.90	0.00	16.90	
PERIOD		0.00148	ug/m^3	r	640916.40	4177756.36	16.97	0.00	16.97	
PERIOD		0.00149	ug/m^3	r	640946.76	4177754.97	16.87	0.00	16.87	
PERIOD		0.00150	ug/m^3	r	640947.11	4177767.88	16.73	0.00	16.73	
PERIOD		0.00149	ug/m^3	r	640916.75	4177765.78	16.94	0.00	16.94	
PERIOD		0.00151	ug/m^3	r	640946.06	4177777.65	16.71	0.00	16.71	
PERIOD		0.00150	ug/m^3	r	640917.80	4177775.20	16.88	0.00	16.88	
PERIOD		0.00152	ug/m^3	r	640945.36	4177787.42	16.70	0.00	16.70	
PERIOD		0.00150	ug/m^3	r	640917.80	4177784.97	16.88	0.00	16.88	
PERIOD		0.00151	ug/m^3	r	640914.31	4177804.16	16.85	0.00	16.85	
PERIOD		0.00151	ug/m^3	r	640916.40	4177794.39	16.87	0.00	16.87	
PERIOD		0.00153	ug/m^3	r	640943.62	4177804.86	16.66	0.00	16.66	
PERIOD		0.00152	ug/m^3	r	640945.71	4177795.79	16.69	0.00	16.69	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00150	ug/m^3	r	640979.90	4177758.81	16.68	0.00	16.68	
PERIOD		0.00151	ug/m^3	r	640978.16	4177769.27	16.64	0.00	16.64	
PERIOD		0.00151	ug/m^3	r	640976.41	4177776.95	16.63	0.00	16.63	
PERIOD		0.00153	ug/m^3	r	640978.16	4177792.30	16.53	0.00	16.53	
PERIOD		0.00153	ug/m^3	r	640978.85	4177801.02	16.50	0.00	16.50	
PERIOD		0.00154	ug/m^3	r	640977.81	4177809.40	16.48	0.00	16.48	
PERIOD		0.00155	ug/m^3	r	640978.51	4177820.56	16.46	0.00	16.46	
PERIOD		0.00156	ug/m^3	r	640977.81	4177828.59	16.44	0.00	16.44	
PERIOD		0.00149	ug/m^3	r	640879.77	4177800.67	16.84	0.00	16.84	
PERIOD		0.00150	ug/m^3	r	640883.61	4177813.23	16.81	0.00	16.81	
PERIOD		0.00150	ug/m^3	r	640885.35	4177824.75	16.84	0.00	16.84	
PERIOD		0.00152	ug/m^3	r	640915.24	4177814.31	16.81	0.00	16.81	
PERIOD		0.00153	ug/m^3	r	640945.30	4177816.13	16.60	0.00	16.60	
PERIOD		0.00154	ug/m^3	r	640947.12	4177825.60	16.60	0.00	16.60	
PERIOD		0.00152	ug/m^3	r	640915.97	4177824.87	16.78	0.00	16.78	
PERIOD		0.00153	ug/m^3	r	640916.34	4177835.07	16.75	0.00	16.75	
PERIOD		0.00155	ug/m^3	r	640946.57	4177835.98	16.57	0.00	16.57	
PERIOD		0.00155	ug/m^3	r	640946.75	4177845.63	16.52	0.00	16.52	
PERIOD		0.00153	ug/m^3	r	640915.61	4177844.18	16.73	0.00	16.73	
PERIOD		0.00150	ug/m^3	r	640879.91	4177832.52	16.80	0.00	16.80	
PERIOD		0.00151	ug/m^3	r	640885.19	4177842.36	16.74	0.00	16.74	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00151	ug/m^3	r	640884.46	4177851.64	16.68	0.00	16.68	
PERIOD		0.00154	ug/m^3	r	640916.34	4177852.74	16.71	0.00	16.71	
PERIOD		0.00156	ug/m^3	r	640945.30	4177854.74	16.47	0.00	16.47	
PERIOD		0.00156	ug/m^3	r	640945.48	4177863.12	16.45	0.00	16.45	
PERIOD		0.00154	ug/m^3	r	640915.06	4177861.30	16.67	0.00	16.67	
PERIOD		0.00151	ug/m^3	r	640883.19	4177861.12	16.61	0.00	16.61	
PERIOD		0.00152	ug/m^3	r	640883.92	4177871.31	16.54	0.00	16.54	
PERIOD		0.00152	ug/m^3	r	640885.38	4177879.87	16.49	0.00	16.49	
PERIOD		0.00152	ug/m^3	r	640883.19	4177890.80	16.49	0.00	16.49	
PERIOD		0.00154	ug/m^3	r	640915.97	4177871.68	16.61	0.00	16.61	
PERIOD		0.00155	ug/m^3	r	640914.88	4177881.70	16.58	0.00	16.58	
PERIOD		0.00157	ug/m^3	r	640944.20	4177871.86	16.44	0.00	16.44	
PERIOD		0.00157	ug/m^3	r	640945.30	4177883.15	16.39	0.00	16.39	
PERIOD		0.00158	ug/m^3	r	640944.57	4177893.17	16.37	0.00	16.37	
PERIOD		0.00155	ug/m^3	r	640913.61	4177888.98	16.55	0.00	16.55	
PERIOD		0.00155	ug/m^3	r	640913.61	4177898.82	16.54	0.00	16.54	
PERIOD		0.00158	ug/m^3	r	640944.20	4177902.46	16.38	0.00	16.38	
PERIOD		0.00156	ug/m^3	r	640911.97	4177907.92	16.48	0.00	16.48	
PERIOD		0.00159	ug/m^3	r	640944.75	4177911.02	16.35	0.00	16.35	
PERIOD		0.00161	ug/m^3	r	640975.17	4177909.38	16.22	0.00	16.22	
PERIOD		0.00160	ug/m^3	r	640976.99	4177900.64	16.25	0.00	16.25	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00160	ug/m^3	r	640976.62	4177891.35	16.28	0.00	16.28	
PERIOD		0.00159	ug/m^3	r	640978.44	4177881.51	16.26	0.00	16.26	
PERIOD		0.00159	ug/m^3	r	640978.26	4177870.77	16.30	0.00	16.30	
PERIOD		0.00158	ug/m^3	r	640980.08	4177860.39	16.31	0.00	16.31	
PERIOD		0.00157	ug/m^3	r	640979.17	4177841.08	16.36	0.00	16.36	
PERIOD		0.00150	ug/m^3	r	641027.15	4177771.72	16.80	0.00	16.80	
PERIOD		0.00146	ug/m^3	r	641097.01	4177769.15	16.46	0.00	16.46	
PERIOD		0.00150	ug/m^3	r	641050.94	4177776.86	16.58	0.00	16.58	
PERIOD		0.00154	ug/m^3	r	641106.22	4177834.93	16.34	0.00	16.34	
PERIOD		0.00163	ug/m^3	r	641112.42	4177909.52	15.89	0.00	15.89	
PERIOD		0.00163	ug/m^3	r	641020.43	4177904.78	16.35	0.00	16.35	
PERIOD		0.00170	ug/m^3	r	641092.38	4177966.96	15.79	0.00	15.79	
PERIOD		0.00130	ug/m^3	r	640555.64	4178224.82	14.68	0.00	14.68	
PERIOD		0.00117	ug/m^3	r	640382.10	4178168.75	15.06	0.00	15.06	
PERIOD		0.00112	ug/m^3	r	640295.47	4178186.85	14.80	0.00	14.80	
PERIOD		0.00111	ug/m^3	r	640289.24	4178169.94	14.93	0.00	24.59	
PERIOD		0.00128	ug/m^3	r	640520.34	4178237.28	14.56	0.00	14.56	
PERIOD		0.00131	ug/m^3	r	640568.99	4178242.62	14.68	0.00	14.68	
PERIOD		0.03081	ug/m^3	r	642421.71	4179614.03	11.33	0.00	11.33	
PERIOD		0.02555	ug/m^3	r	642419.19	4179586.04	11.55	0.00	11.55	
PERIOD		0.00303	ug/m^3	r	641230.76	4179694.87	11.83	0.00	11.83	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

AERMOD View by Lakes Environmental Software

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00910	ug/m^3	r	641806.79	4179870.63	10.26	0.00	10.26	
PERIOD		0.00953	ug/m^3	r	641825.54	4179856.53	10.36	0.00	10.36	
PERIOD		0.00452	ug/m^3	r	641492.88	4179824.18	10.67	0.00	10.67	
PERIOD		0.00443	ug/m^3	r	641482.98	4179806.49	10.62	0.00	10.62	
PERIOD		0.00386	ug/m^3	r	641401.40	4179805.19	10.73	0.00	10.73	
PERIOD		0.00341	ug/m^3	r	641322.12	4179800.31	10.62	0.00	10.62	
PERIOD		0.00287	ug/m^3	r	641199.49	4179789.22	10.67	0.00	10.67	
PERIOD		0.00298	ug/m^3	r	641226.51	4179799.31	10.67	0.00	10.67	
PERIOD		0.00309	ug/m^3	r	641254.87	4179804.73	10.50	0.00	10.50	
PERIOD		0.00323	ug/m^3	r	641284.46	4179798.64	10.58	0.00	10.58	
PERIOD		0.00158	ug/m^3	r	640672.91	4179804.60	10.57	0.00	10.57	
PERIOD		0.00198	ug/m^3	r	640909.50	4179873.06	10.45	0.00	10.45	
PERIOD		0.00142	ug/m^3	r	640576.50	4179834.99	10.64	0.00	10.64	
PERIOD		0.00132	ug/m^3	r	640471.40	4179791.88	10.57	0.00	10.57	
PERIOD		0.00129	ug/m^3	r	640443.73	4179783.09	10.83	0.00	10.83	
PERIOD		0.00133	ug/m^3	r	640490.06	4179808.83	10.59	0.00	10.59	
PERIOD		0.00124	ug/m^3	r	640298.17	4179708.55	10.87	0.00	10.87	
PERIOD		0.00136	ug/m^3	r	642150.64	4181339.61	4.85	0.00	4.85	
PERIOD		0.00113	ug/m^3	r	642186.00	4181418.01	7.29	0.00	7.29	
PERIOD		0.00131	ug/m^3	r	642076.74	4181423.01	4.93	0.00	4.93	
PERIOD		0.00136	ug/m^3	r	642050.52	4181423.14	4.58	0.00	4.58	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00144	ug/m^3	r	642015.47	4181420.37	4.60	0.00	4.60	
PERIOD		0.00137	ug/m^3	r	642015.07	4181445.02	4.71	0.00	4.71	
PERIOD		0.00061	ug/m^3	r	642806.07	4181128.16	4.97	0.00	4.97	
PERIOD		0.00024	ug/m^3	r	643211.49	4181300.90	4.80	0.00	4.80	
PERIOD		0.00023	ug/m^3	r	643199.12	4181323.37	4.79	0.00	4.79	
PERIOD		0.00025	ug/m^3	r	643298.61	4181300.90	4.44	0.00	4.44	
PERIOD		0.00025	ug/m^3	r	643326.13	4181311.50	4.53	0.00	4.53	
PERIOD		0.00026	ug/m^3	r	643346.84	4181318.07	4.50	0.00	4.50	
PERIOD		0.00022	ug/m^3	r	643321.08	4181355.19	5.00	0.00	5.00	
PERIOD		0.00034	ug/m^3	r	643007.36	4181415.17	5.45	0.00	5.45	
PERIOD		0.00031	ug/m^3	r	643051.46	4181483.78	5.49	0.00	5.49	
PERIOD		0.00032	ug/m^3	r	643044.62	4181536.90	5.24	0.00	5.24	
PERIOD		0.00031	ug/m^3	r	643074.82	4181735.00	4.31	0.00	4.31	
PERIOD		0.00030	ug/m^3	r	643086.22	4182094.01	4.58	0.00	4.58	
PERIOD		0.00029	ug/m^3	r	643112.32	4182105.50	4.56	0.00	4.56	
PERIOD		0.00010	ug/m^3	r	643546.53	4181985.18	4.06	0.00	4.06	
PERIOD		0.00010	ug/m^3	r	643513.62	4181994.64	3.90	0.00	3.90	
PERIOD		0.00009	ug/m^3	r	643562.16	4182026.32	4.07	0.00	4.07	
PERIOD		0.00010	ug/m^3	r	643691.88	4181951.64	4.69	0.00	4.69	
PERIOD		0.00017	ug/m^3	r	644094.39	4181935.13	4.86	0.00	4.86	
PERIOD		0.00019	ug/m^3	r	644141.12	4181899.90	4.90	0.00	4.90	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00020	ug/m^3	r	644267.45	4181934.22	4.95	0.00	4.95	
PERIOD		0.00020	ug/m^3	r	644287.49	4181943.88	4.85	0.00	4.85	
PERIOD		0.00019	ug/m^3	r	644292.76	4181965.65	4.78	0.00	4.78	
PERIOD		0.00016	ug/m^3	r	644292.05	4182056.81	6.89	0.00	6.89	
PERIOD		0.00050	ug/m^3	r	642259.02	4181880.67	7.16	0.00	7.16	
PERIOD		0.00043	ug/m^3	r	642310.80	4181936.64	7.27	0.00	7.27	
PERIOD		0.00045	ug/m^3	r	642273.02	4181956.93	7.39	0.00	7.39	
PERIOD		0.00034	ug/m^3	r	642495.22	4182060.53	5.17	0.00	5.17	
PERIOD		0.00033	ug/m^3	r	642520.63	4182128.95	4.82	0.00	4.82	
PERIOD		0.00032	ug/m^3	r	642460.07	4182152.93	4.89	0.00	4.89	
PERIOD		0.00032	ug/m^3	r	642395.94	4182171.85	4.89	0.00	4.89	
PERIOD		0.00033	ug/m^3	r	642354.64	4182180.55	4.85	0.00	4.85	
PERIOD		0.00034	ug/m^3	r	642309.47	4182187.07	4.89	0.00	4.89	
PERIOD		0.00035	ug/m^3	r	642280.75	4182195.60	5.04	0.00	5.04	
PERIOD		0.00033	ug/m^3	r	642284.96	4182251.52	5.06	0.00	5.06	
PERIOD		0.00032	ug/m^3	r	642294.26	4182270.05	5.02	0.00	5.02	
PERIOD		0.00044	ug/m^3	r	642091.45	4182315.72	5.07	0.00	5.07	
PERIOD		0.00052	ug/m^3	r	641887.74	4182399.30	5.07	0.00	5.07	
PERIOD		0.00125	ug/m^3	r	641273.71	4181787.58	6.87	0.00	6.87	
PERIOD		0.00129	ug/m^3	r	641291.66	4181761.78	6.62	0.00	6.62	
PERIOD		0.00188	ug/m^3	r	641217.11	4181351.16	5.94	0.00	5.94	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00127	ug/m^3	r	640660.60	4181335.03	6.14	0.00	6.14	
PERIOD		0.00138	ug/m^3	r	640788.06	4181343.64	5.94	0.00	5.94	
PERIOD		0.00140	ug/m^3	r	640803.39	4181338.45	5.94	0.00	5.94	
PERIOD		0.00122	ug/m^3	r	640649.98	4181397.27	5.41	0.00	5.41	
PERIOD		0.00079	ug/m^3	r	640648.73	4182240.43	4.11	0.00	4.11	
PERIOD		0.00096	ug/m^3	r	640586.47	4181956.43	4.05	0.00	4.05	
PERIOD		0.00095	ug/m^3	r	640547.21	4181955.64	4.18	0.00	4.18	
PERIOD		0.00079	ug/m^3	r	643437.92	4180843.06	2.54	0.00	2.54	
PERIOD		0.00076	ug/m^3	r	643481.97	4180898.97	2.54	0.00	2.54	
PERIOD		0.00083	ug/m^3	r	643433.96	4180777.27	2.63	0.00	2.63	
PERIOD		0.00068	ug/m^3	r	643661.26	4180799.81	3.40	0.00	3.40	
PERIOD		0.00500	ug/m^3	r	643358.63	4179948.56	7.24	0.00	7.24	
PERIOD		0.00510	ug/m^3	r	643364.90	4179934.14	7.30	0.00	7.30	
PERIOD		0.00380	ug/m^3	r	643369.06	4180042.08	8.11	0.00	8.11	
PERIOD		0.00309	ug/m^3	r	643467.43	4180035.35	8.23	0.00	8.23	
PERIOD		0.00414	ug/m^3	r	643303.09	4180066.52	6.80	0.00	6.80	
PERIOD		0.00365	ug/m^3	r	643292.53	4180113.09	6.82	0.00	6.82	
PERIOD		0.00333	ug/m^3	r	643351.83	4180094.85	6.59	0.00	6.59	
PERIOD		0.00263	ug/m^3	r	643450.64	4180097.01	6.22	0.00	6.22	
PERIOD		0.00243	ug/m^3	r	643491.34	4180094.80	7.11	0.00	7.11	
PERIOD		0.00264	ug/m^3	r	643349.76	4180163.14	6.28	0.00	6.28	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00182	ug/m^3	r	643408.25	4180231.85	5.77	0.00	5.77	
PERIOD		0.00151	ug/m^3	r	643467.32	4180253.70	5.80	0.00	5.80	
PERIOD		0.00128	ug/m^3	r	643521.65	4180278.59	5.50	0.00	5.50	
PERIOD		0.00110	ug/m^3	r	643572.31	4180303.75	5.37	0.00	5.37	
PERIOD		0.00100	ug/m^3	r	643533.46	4180366.45	5.09	0.00	5.09	
PERIOD		0.00080	ug/m^3	r	643621.79	4180419.99	8.03	0.00	8.03	
PERIOD		0.00068	ug/m^3	r	643700.62	4180460.54	7.92	0.00	7.92	
PERIOD		0.00049	ug/m^3	r	643875.45	4180553.54	7.92	0.00	7.92	
PERIOD		0.00784	ug/m^3	r	643262.17	4179872.86	7.65	0.00	7.65	
PERIOD		0.00239	ug/m^3	r	644358.55	4178997.60	8.74	0.00	8.74	
PERIOD		0.00223	ug/m^3	r	644360.03	4179117.34	8.37	0.00	8.37	
PERIOD		0.00212	ug/m^3	r	644400.66	4179118.33	8.38	0.00	8.38	
PERIOD		0.00208	ug/m^3	r	644391.43	4179183.34	8.30	0.00	8.30	
PERIOD		0.00215	ug/m^3	r	644346.19	4179235.67	8.00	0.00	8.00	
PERIOD		0.00206	ug/m^3	r	644358.03	4179295.58	7.62	0.00	7.62	
PERIOD		0.00196	ug/m^3	r	644377.37	4179348.51	7.39	0.00	7.39	
PERIOD		0.00187	ug/m^3	r	644370.04	4179426.85	7.14	0.00	7.14	
PERIOD		0.00182	ug/m^3	r	644366.28	4179467.77	6.98	0.00	6.98	
PERIOD		0.00162	ug/m^3	r	644392.01	4179558.11	6.89	0.00	6.89	
PERIOD		0.00170	ug/m^3	r	644363.59	4179543.35	6.81	0.00	6.81	
PERIOD		0.00158	ug/m^3	r	644353.27	4179624.50	6.82	0.00	6.82	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00145	ug/m^3	r	644348.20	4179699.91	6.66	0.00	6.66	
PERIOD		0.00133	ug/m^3	r	644350.67	4179777.56	6.55	0.00	6.55	
PERIOD		0.01637	ug/m^3	s	643056.95	4179847.93	8.07	0.00	8.07	
PERIOD		0.00848	ug/m^3	s	643249.62	4179856.27	7.72	0.00	7.72	
PERIOD		0.00634	ug/m^3	s	643244.70	4179977.45	7.48	0.00	7.48	
PERIOD		0.00507	ug/m^3	s	643320.11	4179981.67	7.10	0.00	7.10	
PERIOD		0.00416	ug/m^3	s	643317.62	4180052.81	6.83	0.00	6.83	
PERIOD		0.01021	ug/m^3	s	643048.31	4180042.53	7.22	0.00	7.22	
PERIOD		0.01606	ug/m^3	s	643061.89	4179848.14	7.88	0.00	7.88	
PERIOD		0.01577	ug/m^3	s	643066.83	4179848.36	7.82	0.00	7.82	
PERIOD		0.01549	ug/m^3	s	643071.77	4179848.57	7.83	0.00	7.83	
PERIOD		0.01521	ug/m^3	s	643076.71	4179848.79	7.80	0.00	7.80	
PERIOD		0.01494	ug/m^3	s	643081.65	4179849.00	7.76	0.00	7.76	
PERIOD		0.01467	ug/m^3	s	643086.59	4179849.21	7.74	0.00	7.74	
PERIOD		0.01441	ug/m^3	s	643091.53	4179849.43	7.72	0.00	7.72	
PERIOD		0.01416	ug/m^3	s	643096.47	4179849.64	7.71	0.00	7.71	
PERIOD		0.01391	ug/m^3	s	643101.41	4179849.85	7.70	0.00	7.70	
PERIOD		0.01367	ug/m^3	s	643106.35	4179850.07	7.70	0.00	7.70	
PERIOD		0.01344	ug/m^3	s	643111.29	4179850.28	7.73	0.00	7.73	
PERIOD		0.01321	ug/m^3	s	643116.23	4179850.50	7.74	0.00	7.74	
PERIOD		0.01298	ug/m^3	s	643121.17	4179850.71	7.75	0.00	7.75	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01276	ug/m^3	s	643126.11	4179850.92	7.75	0.00	7.75	
PERIOD		0.01254	ug/m^3	s	643131.05	4179851.14	7.75	0.00	7.75	
PERIOD		0.01233	ug/m^3	s	643135.99	4179851.35	7.76	0.00	7.76	
PERIOD		0.01212	ug/m^3	s	643140.93	4179851.57	7.75	0.00	7.75	
PERIOD		0.01192	ug/m^3	s	643145.87	4179851.78	7.74	0.00	7.74	
PERIOD		0.01172	ug/m^3	s	643150.81	4179851.99	7.77	0.00	7.77	
PERIOD		0.01153	ug/m^3	s	643155.76	4179852.21	7.81	0.00	7.81	
PERIOD		0.01134	ug/m^3	s	643160.70	4179852.42	7.85	0.00	7.85	
PERIOD		0.01115	ug/m^3	s	643165.64	4179852.63	7.87	0.00	7.87	
PERIOD		0.01097	ug/m^3	s	643170.58	4179852.85	7.88	0.00	7.88	
PERIOD		0.01079	ug/m^3	s	643175.52	4179853.06	7.87	0.00	7.87	
PERIOD		0.01061	ug/m^3	s	643180.46	4179853.28	7.87	0.00	7.87	
PERIOD		0.01044	ug/m^3	s	643185.40	4179853.49	7.88	0.00	7.88	
PERIOD		0.01027	ug/m^3	s	643190.34	4179853.70	7.87	0.00	7.87	
PERIOD		0.01010	ug/m^3	s	643195.28	4179853.92	7.87	0.00	7.87	
PERIOD		0.00994	ug/m^3	s	643200.22	4179854.13	7.86	0.00	7.86	
PERIOD		0.00978	ug/m^3	s	643205.16	4179854.35	7.86	0.00	7.86	
PERIOD		0.00963	ug/m^3	s	643210.10	4179854.56	7.86	0.00	7.86	
PERIOD		0.00947	ug/m^3	s	643215.04	4179854.77	7.85	0.00	7.85	
PERIOD		0.00932	ug/m^3	s	643219.98	4179854.99	7.83	0.00	7.83	
PERIOD		0.00918	ug/m^3	s	643224.92	4179855.20	7.82	0.00	7.82	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00903	ug/m^3	s	643229.86	4179855.41	7.80	0.00	7.80	
PERIOD		0.00889	ug/m^3	s	643234.80	4179855.63	7.79	0.00	7.79	
PERIOD		0.00875	ug/m^3	s	643239.74	4179855.84	7.77	0.00	7.77	
PERIOD		0.00862	ug/m^3	s	643244.68	4179856.06	7.74	0.00	7.74	
PERIOD		0.00838	ug/m^3	s	643249.42	4179861.12	7.68	0.00	7.68	
PERIOD		0.00828	ug/m^3	s	643249.23	4179865.96	7.67	0.00	7.67	
PERIOD		0.00819	ug/m^3	s	643249.03	4179870.81	7.66	0.00	7.66	
PERIOD		0.00811	ug/m^3	s	643248.83	4179875.66	7.65	0.00	7.65	
PERIOD		0.00802	ug/m^3	s	643248.64	4179880.51	7.64	0.00	7.64	
PERIOD		0.00793	ug/m^3	s	643248.44	4179885.35	7.63	0.00	7.63	
PERIOD		0.00785	ug/m^3	s	643248.24	4179890.20	7.63	0.00	7.63	
PERIOD		0.00776	ug/m^3	s	643248.05	4179895.05	7.63	0.00	7.63	
PERIOD		0.00768	ug/m^3	s	643247.85	4179899.89	7.63	0.00	7.63	
PERIOD		0.00759	ug/m^3	s	643247.65	4179904.74	7.64	0.00	7.64	
PERIOD		0.00751	ug/m^3	s	643247.46	4179909.59	7.64	0.00	7.64	
PERIOD		0.00743	ug/m^3	s	643247.26	4179914.44	7.66	0.00	7.66	
PERIOD		0.00734	ug/m^3	s	643247.06	4179919.28	7.69	0.00	7.69	
PERIOD		0.00726	ug/m^3	s	643246.86	4179924.13	7.71	0.00	7.71	
PERIOD		0.00717	ug/m^3	s	643246.67	4179928.98	7.67	0.00	7.67	
PERIOD		0.00709	ug/m^3	s	643246.47	4179933.83	7.64	0.00	7.64	
PERIOD		0.00700	ug/m^3	s	643246.27	4179938.67	7.62	0.00	7.62	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00692	ug/m^3	s	643246.08	4179943.52	7.59	0.00	7.59	
PERIOD		0.00684	ug/m^3	s	643245.88	4179948.37	7.56	0.00	7.56	
PERIOD		0.00675	ug/m^3	s	643245.68	4179953.21	7.53	0.00	7.53	
PERIOD		0.00667	ug/m^3	s	643245.49	4179958.06	7.50	0.00	7.50	
PERIOD		0.00659	ug/m^3	s	643245.29	4179962.91	7.48	0.00	7.48	
PERIOD		0.00650	ug/m^3	s	643245.09	4179967.76	7.48	0.00	7.48	
PERIOD		0.00642	ug/m^3	s	643244.90	4179972.60	7.48	0.00	7.48	
PERIOD		0.00625	ug/m^3	s	643249.41	4179977.71	7.48	0.00	7.48	
PERIOD		0.00616	ug/m^3	s	643254.13	4179977.98	7.45	0.00	7.45	
PERIOD		0.00607	ug/m^3	s	643258.84	4179978.24	7.42	0.00	7.42	
PERIOD		0.00598	ug/m^3	s	643263.55	4179978.51	7.37	0.00	7.37	
PERIOD		0.00590	ug/m^3	s	643268.27	4179978.77	7.32	0.00	7.32	
PERIOD		0.00581	ug/m^3	s	643272.98	4179979.03	7.28	0.00	7.28	
PERIOD		0.00573	ug/m^3	s	643277.69	4179979.30	7.23	0.00	7.23	
PERIOD		0.00565	ug/m^3	s	643282.41	4179979.56	7.19	0.00	7.19	
PERIOD		0.00557	ug/m^3	s	643287.12	4179979.82	7.15	0.00	7.15	
PERIOD		0.00549	ug/m^3	s	643291.83	4179980.09	7.11	0.00	7.11	
PERIOD		0.00542	ug/m^3	s	643296.54	4179980.35	7.08	0.00	7.08	
PERIOD		0.00535	ug/m^3	s	643301.26	4179980.62	7.07	0.00	7.07	
PERIOD		0.00528	ug/m^3	s	643305.97	4179980.88	7.07	0.00	7.07	
PERIOD		0.00521	ug/m^3	s	643310.68	4179981.14	7.07	0.00	7.07	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00514	ug/m^3	s	643315.40	4179981.41	7.08	0.00	7.08	
PERIOD		0.00501	ug/m^3	s	643319.94	4179986.41	7.15	0.00	7.15	
PERIOD		0.00495	ug/m^3	s	643319.78	4179991.16	7.11	0.00	7.11	
PERIOD		0.00489	ug/m^3	s	643319.61	4179995.90	7.07	0.00	7.07	
PERIOD		0.00482	ug/m^3	s	643319.45	4180000.64	7.04	0.00	7.04	
PERIOD		0.00476	ug/m^3	s	643319.28	4180005.38	7.01	0.00	7.01	
PERIOD		0.00470	ug/m^3	s	643319.11	4180010.13	6.98	0.00	6.98	
PERIOD		0.00464	ug/m^3	s	643318.95	4180014.87	6.96	0.00	6.96	
PERIOD		0.00458	ug/m^3	s	643318.78	4180019.61	6.94	0.00	6.94	
PERIOD		0.00452	ug/m^3	s	643318.62	4180024.35	6.93	0.00	6.93	
PERIOD		0.00446	ug/m^3	s	643318.45	4180029.10	6.92	0.00	6.92	
PERIOD		0.00440	ug/m^3	s	643318.28	4180033.84	6.92	0.00	6.92	
PERIOD		0.00434	ug/m^3	s	643318.12	4180038.58	6.91	0.00	6.91	
PERIOD		0.00428	ug/m^3	s	643317.95	4180043.32	6.88	0.00	6.88	
PERIOD		0.00422	ug/m^3	s	643317.79	4180048.07	6.84	0.00	6.84	
PERIOD		0.00422	ug/m^3	s	643312.63	4180052.62	6.84	0.00	6.84	
PERIOD		0.00428	ug/m^3	s	643307.65	4180052.43	6.88	0.00	6.88	
PERIOD		0.00434	ug/m^3	s	643302.66	4180052.24	6.93	0.00	6.93	
PERIOD		0.00440	ug/m^3	s	643297.67	4180052.05	6.97	0.00	6.97	
PERIOD		0.00446	ug/m^3	s	643292.68	4180051.86	7.02	0.00	7.02	
PERIOD		0.00453	ug/m^3	s	643287.70	4180051.67	7.07	0.00	7.07	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00459	ug/m^3	s	643282.71	4180051.48	7.13	0.00	7.13	
PERIOD		0.00466	ug/m^3	s	643277.72	4180051.29	7.17	0.00	7.17	
PERIOD		0.00472	ug/m^3	s	643272.74	4180051.10	7.21	0.00	7.21	
PERIOD		0.00479	ug/m^3	s	643267.75	4180050.91	7.19	0.00	7.19	
PERIOD		0.00486	ug/m^3	s	643262.76	4180050.72	7.16	0.00	7.16	
PERIOD		0.00493	ug/m^3	s	643257.77	4180050.53	7.07	0.00	7.07	
PERIOD		0.00500	ug/m^3	s	643252.79	4180050.34	7.04	0.00	7.04	
PERIOD		0.00508	ug/m^3	s	643247.80	4180050.14	7.02	0.00	7.02	
PERIOD		0.00515	ug/m^3	s	643242.81	4180049.95	7.02	0.00	7.02	
PERIOD		0.00523	ug/m^3	s	643237.82	4180049.76	7.04	0.00	7.04	
PERIOD		0.00531	ug/m^3	s	643232.84	4180049.57	7.10	0.00	7.10	
PERIOD		0.00539	ug/m^3	s	643227.85	4180049.38	7.16	0.00	7.16	
PERIOD		0.00548	ug/m^3	s	643222.86	4180049.19	7.23	0.00	7.23	
PERIOD		0.00556	ug/m^3	s	643217.88	4180049.00	7.25	0.00	7.25	
PERIOD		0.00565	ug/m^3	s	643212.89	4180048.81	7.27	0.00	7.27	
PERIOD		0.00574	ug/m^3	s	643207.90	4180048.62	7.28	0.00	7.28	
PERIOD		0.00583	ug/m^3	s	643202.91	4180048.43	7.29	0.00	7.29	
PERIOD		0.00592	ug/m^3	s	643197.93	4180048.24	7.30	0.00	7.30	
PERIOD		0.00602	ug/m^3	s	643192.94	4180048.05	7.29	0.00	7.29	
PERIOD		0.00612	ug/m^3	s	643187.95	4180047.86	7.29	0.00	7.29	
PERIOD		0.00622	ug/m^3	s	643182.97	4180047.67	7.28	0.00	7.28	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00632	ug/m^3	s	643177.98	4180047.48	7.28	0.00	7.28	
PERIOD		0.00642	ug/m^3	s	643172.99	4180047.29	7.28	0.00	7.28	
PERIOD		0.00653	ug/m^3	s	643168.00	4180047.10	7.27	0.00	7.27	
PERIOD		0.00664	ug/m^3	s	643163.02	4180046.91	7.26	0.00	7.26	
PERIOD		0.00676	ug/m^3	s	643158.03	4180046.72	7.24	0.00	7.24	
PERIOD		0.00687	ug/m^3	s	643153.04	4180046.53	7.22	0.00	7.22	
PERIOD		0.00699	ug/m^3	s	643148.05	4180046.34	7.19	0.00	7.19	
PERIOD		0.00711	ug/m^3	s	643143.07	4180046.15	7.17	0.00	7.17	
PERIOD		0.00723	ug/m^3	s	643138.08	4180045.96	7.14	0.00	7.14	
PERIOD		0.00736	ug/m^3	s	643133.09	4180045.77	7.11	0.00	7.11	
PERIOD		0.00749	ug/m^3	s	643128.11	4180045.58	7.10	0.00	7.10	
PERIOD		0.00763	ug/m^3	s	643123.12	4180045.39	7.09	0.00	7.09	
PERIOD		0.00777	ug/m^3	s	643118.13	4180045.20	7.10	0.00	7.10	
PERIOD		0.00792	ug/m^3	s	643113.14	4180045.00	7.11	0.00	7.11	
PERIOD		0.00806	ug/m^3	s	643108.16	4180044.81	7.11	0.00	7.11	
PERIOD		0.00822	ug/m^3	s	643103.17	4180044.62	7.13	0.00	7.13	
PERIOD		0.00837	ug/m^3	s	643098.18	4180044.43	7.14	0.00	7.14	
PERIOD		0.00853	ug/m^3	s	643093.20	4180044.24	7.15	0.00	7.15	
PERIOD		0.00870	ug/m^3	s	643088.21	4180044.05	7.15	0.00	7.15	
PERIOD		0.00887	ug/m^3	s	643083.22	4180043.86	7.15	0.00	7.15	
PERIOD		0.00905	ug/m^3	s	643078.23	4180043.67	7.16	0.00	7.16	

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00923	ug/m^3	s	643073.25	4180043.48	7.16	0.00	7.16	
PERIOD		0.00941	ug/m^3	s	643068.26	4180043.29	7.16	0.00	7.16	
PERIOD		0.00960	ug/m^3	s	643063.27	4180043.10	7.16	0.00	7.16	
PERIOD		0.00980	ug/m^3	s	643058.28	4180042.91	7.17	0.00	7.17	
PERIOD		0.01000	ug/m^3	s	643053.30	4180042.72	7.19	0.00	7.19	
PERIOD		0.01038	ug/m^3	s	643048.53	4180037.54	7.23	0.00	7.23	
PERIOD		0.01054	ug/m^3	s	643048.75	4180032.55	7.23	0.00	7.23	
PERIOD		0.01070	ug/m^3	s	643048.97	4180027.56	7.20	0.00	7.20	
PERIOD		0.01086	ug/m^3	s	643049.20	4180022.57	7.17	0.00	7.17	
PERIOD		0.01103	ug/m^3	s	643049.42	4180017.58	7.17	0.00	7.17	
PERIOD		0.01119	ug/m^3	s	643049.64	4180012.59	7.16	0.00	7.16	
PERIOD		0.01136	ug/m^3	s	643049.86	4180007.60	7.17	0.00	7.17	
PERIOD		0.01152	ug/m^3	s	643050.08	4180002.61	7.17	0.00	7.17	
PERIOD		0.01169	ug/m^3	s	643050.30	4179997.62	7.19	0.00	7.19	
PERIOD		0.01186	ug/m^3	s	643050.53	4179992.63	7.21	0.00	7.21	
PERIOD		0.01203	ug/m^3	s	643050.75	4179987.64	7.21	0.00	7.21	
PERIOD		0.01219	ug/m^3	s	643050.97	4179982.65	7.21	0.00	7.21	
PERIOD		0.01236	ug/m^3	s	643051.19	4179977.66	7.23	0.00	7.23	
PERIOD		0.01253	ug/m^3	s	643051.41	4179972.67	7.26	0.00	7.26	
PERIOD		0.01270	ug/m^3	s	643051.63	4179967.68	7.31	0.00	7.31	
PERIOD		0.01287	ug/m^3	s	643051.85	4179962.69	7.37	0.00	7.37	

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01304	ug/m^3	s	643052.08	4179957.70	7.48	0.00	7.48	
PERIOD		0.01322	ug/m^3	s	643052.30	4179952.71	7.61	0.00	7.61	
PERIOD		0.01339	ug/m^3	s	643052.52	4179947.72	7.67	0.00	7.67	
PERIOD		0.01355	ug/m^3	s	643052.74	4179942.74	7.70	0.00	7.70	
PERIOD		0.01371	ug/m^3	s	643052.96	4179937.75	7.73	0.00	7.73	
PERIOD		0.01387	ug/m^3	s	643053.18	4179932.76	7.75	0.00	7.75	
PERIOD		0.01403	ug/m^3	s	643053.41	4179927.77	7.77	0.00	7.77	
PERIOD		0.01419	ug/m^3	s	643053.63	4179922.78	7.80	0.00	7.80	
PERIOD		0.01435	ug/m^3	s	643053.85	4179917.79	7.83	0.00	7.83	
PERIOD		0.01451	ug/m^3	s	643054.07	4179912.80	7.87	0.00	7.87	
PERIOD		0.01466	ug/m^3	s	643054.29	4179907.81	7.90	0.00	7.90	
PERIOD		0.01481	ug/m^3	s	643054.51	4179902.82	7.92	0.00	7.92	
PERIOD		0.01496	ug/m^3	s	643054.73	4179897.83	7.94	0.00	7.94	
PERIOD		0.01511	ug/m^3	s	643054.96	4179892.84	7.96	0.00	7.96	
PERIOD		0.01526	ug/m^3	s	643055.18	4179887.85	7.97	0.00	7.97	
PERIOD		0.01540	ug/m^3	s	643055.40	4179882.86	7.96	0.00	7.96	
PERIOD		0.01554	ug/m^3	s	643055.62	4179877.87	7.95	0.00	7.95	
PERIOD		0.01567	ug/m^3	s	643055.84	4179872.88	7.94	0.00	7.94	
PERIOD		0.01581	ug/m^3	s	643056.06	4179867.89	7.95	0.00	7.95	
PERIOD		0.01595	ug/m^3	r	643056.29	4179862.90	7.98	0.00	7.98	
PERIOD		0.01609	ug/m^3	r	643056.51	4179857.91	8.01	0.00	8.01	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01623	ug/m^3	r	643056.73	4179852.92	8.03	0.00	8.03	
PERIOD		0.00027	ug/m^3	r	644709.80	4181175.99	5.24	0.00	5.24	
PERIOD		0.00036	ug/m^3	r	643845.20	4181463.75	7.71	0.00	7.71	
PERIOD		0.00032	ug/m^3	r	644330.00	4180865.21	4.60	0.00	4.60	
PERIOD		0.00028	ug/m^3	r	644452.33	4180865.29	5.27	0.00	5.27	
PERIOD		0.00026	ug/m^3	r	644512.10	4180798.27	7.93	0.00	7.93	
PERIOD		0.00030	ug/m^3	r	644319.84	4180764.59	4.35	0.00	4.35	
PERIOD		0.00030	ug/m^3	r	644308.04	4180746.23	4.90	0.00	4.90	
PERIOD		0.00036	ug/m^3	r	644138.04	4180612.81	5.41	0.00	5.41	
PERIOD		0.00049	ug/m^3	r	644879.84	4180073.43	6.41	0.00	6.41	
PERIOD		0.00051	ug/m^3	r	644852.72	4180057.70	6.58	0.00	6.58	
PERIOD		0.00050	ug/m^3	r	644815.58	4180084.08	6.54	0.00	6.54	
PERIOD		0.00122	ug/m^3	r	644434.45	4179763.78	6.41	0.00	6.41	
PERIOD		0.00117	ug/m^3	r	644480.49	4179753.87	6.37	0.00	6.37	
PERIOD		0.00110	ug/m^3	r	644533.82	4179754.07	6.24	0.00	6.24	
PERIOD		0.00106	ug/m^3	r	644572.15	4179751.45	6.22	0.00	6.22	
PERIOD		0.00102	ug/m^3	r	644614.87	4179749.47	6.36	0.00	6.36	
PERIOD		0.00097	ug/m^3	r	644666.65	4179744.39	6.25	0.00	6.25	
PERIOD		0.00093	ug/m^3	r	644709.75	4179741.55	6.42	0.00	6.42	
PERIOD		0.00105	ug/m^3	r	644654.65	4179684.42	6.98	0.00	6.98	
PERIOD		0.00089	ug/m^3	r	644756.54	4179741.37	6.28	0.00	6.28	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

AERMOD View by Lakes Environmental Software

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00086	ug/m^3	r	644802.88	4179734.95	6.43	0.00	6.43	
PERIOD		0.00145	ug/m^3	r	644438.45	4179613.05	6.74	0.00	6.74	
PERIOD		0.00141	ug/m^3	r	644419.90	4179655.61	6.44	0.00	6.44	
PERIOD		0.00138	ug/m^3	r	644515.31	4179578.76	6.95	0.00	6.95	
PERIOD		0.00126	ug/m^3	r	644568.92	4179611.72	6.77	0.00	6.77	
PERIOD		0.00118	ug/m^3	r	644632.74	4179604.09	6.97	0.00	6.97	
PERIOD		0.00116	ug/m^3	r	644622.52	4179628.84	6.75	0.00	6.75	
PERIOD		0.00108	ug/m^3	r	644692.02	4179626.72	6.77	0.00	6.77	
PERIOD		0.00106	ug/m^3	r	644715.72	4179622.20	6.74	0.00	6.74	
PERIOD		0.00110	ug/m^3	r	644736.91	4179575.92	6.98	0.00	6.98	
PERIOD		0.00078	ug/m^3	r	644896.13	4179734.33	6.68	0.00	6.68	
PERIOD		0.00083	ug/m^3	r	644890.29	4179678.94	6.88	0.00	6.88	
PERIOD		0.00090	ug/m^3	r	644870.72	4179630.27	6.88	0.00	6.88	
PERIOD		0.00098	ug/m^3	r	644844.88	4179581.26	6.89	0.00	6.89	
PERIOD		0.00108	ug/m^3	r	644811.63	4179524.16	7.12	0.00	7.12	
PERIOD		0.00105	ug/m^3	r	644888.52	4179486.80	7.31	0.00	7.31	
PERIOD		0.00114	ug/m^3	r	644843.91	4179447.63	7.35	0.00	7.35	
PERIOD		0.00123	ug/m^3	r	644751.04	4179453.34	7.24	0.00	7.24	
PERIOD		0.00135	ug/m^3	r	644687.08	4179421.77	7.25	0.00	7.25	
PERIOD		0.00145	ug/m^3	r	644651.04	4179382.11	7.43	0.00	7.43	
PERIOD		0.00129	ug/m^3	r	644781.49	4179374.57	7.52	0.00	7.52	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00129	ug/m^3	r	644638.75	4179524.00	6.77	0.00	6.77	
PERIOD		0.00118	ug/m^3	r	644704.20	4179540.46	7.02	0.00	7.02	
PERIOD		0.00141	ug/m^3	r	644720.05	4179331.30	7.66	0.00	7.66	
PERIOD		0.00155	ug/m^3	r	644652.73	4179276.83	7.82	0.00	7.82	
PERIOD		0.00162	ug/m^3	r	644594.69	4179286.60	7.81	0.00	7.81	
PERIOD		0.00167	ug/m^3	r	644553.55	4179307.88	8.03	0.00	8.03	
PERIOD		0.00154	ug/m^3	r	644582.85	4179385.45	7.42	0.00	7.42	
PERIOD		0.00150	ug/m^3	r	644547.59	4179463.84	7.26	0.00	7.26	
PERIOD		0.00134	ug/m^3	r	644587.96	4179533.53	6.99	0.00	6.99	
PERIOD		0.00157	ug/m^3	r	644464.69	4179511.51	7.11	0.00	7.11	
PERIOD		0.00170	ug/m^3	r	644458.51	4179430.01	7.27	0.00	7.27	
PERIOD		0.00163	ug/m^3	r	644481.84	4179451.80	7.24	0.00	7.24	
PERIOD		0.00171	ug/m^3	r	644511.17	4179343.07	7.49	0.00	7.49	
PERIOD		0.00201	ug/m^3	r	644422.52	4179188.89	8.22	0.00	8.22	
PERIOD		0.00185	ug/m^3	r	644494.33	4179201.46	8.16	0.00	8.16	
PERIOD		0.00180	ug/m^3	r	644536.24	4179160.11	8.33	0.00	8.33	
PERIOD		0.00187	ug/m^3	r	644510.90	4179123.08	8.42	0.00	8.42	
PERIOD		0.00193	ug/m^3	r	644479.20	4179133.58	8.35	0.00	8.35	
PERIOD		0.00200	ug/m^3	r	644448.31	4179129.95	8.47	0.00	8.47	
PERIOD		0.00194	ug/m^3	r	644452.76	4179185.46	8.12	0.00	8.12	
PERIOD		0.00192	ug/m^3	r	644819.26	4178110.75	12.44	0.00	12.44	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Unmitigated DPM\Tracy Alliance Phase 2 Unmitigated DPM.isc

AERMOD View by Lakes Environmental Software

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Sensitive Receptor Summary

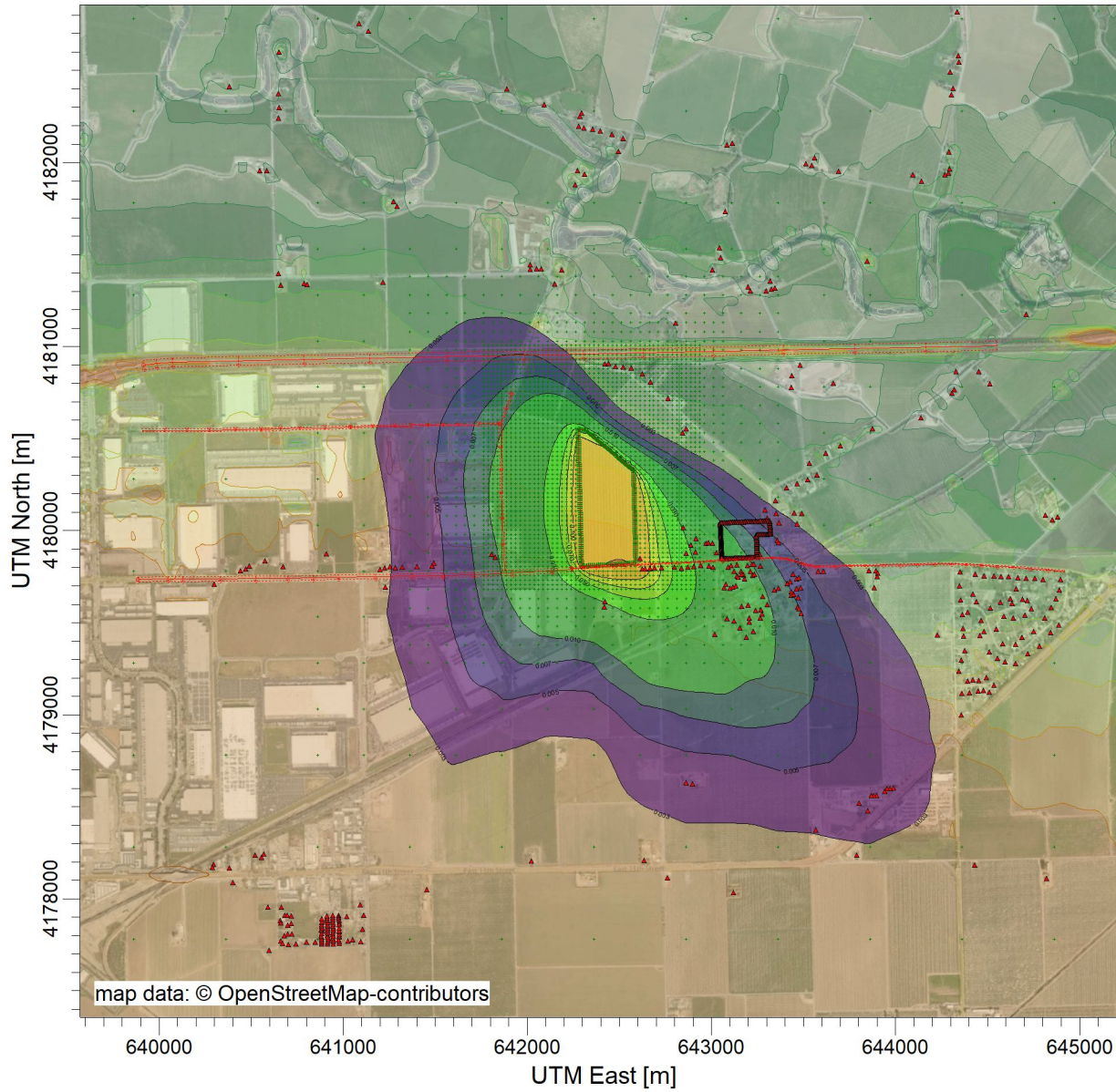
C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00241	ug/m^3	r	644432.02	4178184.01	11.91	0.00	11.91	
PERIOD		0.00291	ug/m^3	r	643789.26	4178237.48	13.01	0.00	13.01	
PERIOD		0.00215	ug/m^3	r	643119.53	4178034.41	14.98	0.00	14.98	
PERIOD		0.00116	ug/m^3	r	640400.83	4178086.93	15.28	0.00	15.28	
PERIOD		0.00060	ug/m^3	r	640651.52	4182600.78	6.74	0.00	6.74	
PERIOD		0.00071	ug/m^3	r	640381.96	4182411.74	4.34	0.00	4.34	
PERIOD		0.00071	ug/m^3	r	640647.52	4182373.39	4.00	0.00	4.00	
PERIOD		0.00075	ug/m^3	r	640650.54	4182298.58	4.20	0.00	4.20	
PERIOD		0.00066	ug/m^3	r	641085.45	4182754.82	4.65	0.00	4.65	
PERIOD		0.00066	ug/m^3	r	641137.09	4182713.73	4.54	0.00	4.54	
PERIOD		0.00010	ug/m^3	r	644304.24	4182367.65	3.81	0.00	3.81	
PERIOD		0.00010	ug/m^3	r	644313.47	4182401.60	3.57	0.00	3.57	
PERIOD		0.00009	ug/m^3	r	644346.08	4182544.35	3.82	0.00	3.82	
PERIOD		0.00008	ug/m^3	r	644342.13	4182579.51	3.77	0.00	3.77	
PERIOD		0.00009	ug/m^3	r	644298.15	4182492.21	3.32	0.00	3.32	
PERIOD		0.00006	ug/m^3	r	644334.86	4182819.85	3.93	0.00	3.93	

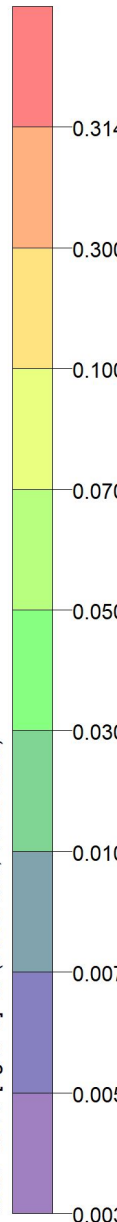
PROJECT TITLE:

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

COMMENTS:



ug/m³
PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL
Max: 0.314 [ug/m³] at (642491.11, 4179819.29)



SOURCES:

7

RECEPTORS:

4178

OUTPUT TYPE:

Concentration

MAX:

0.314 ug/m³

COMPANY NAME:

MODELER:

DATE:

2/26/2021

SCALE:

1:37,456



PROJECT NO.:

Control Pathway

AERMOD

Dispersion Options

Titles C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i	
Dispersion Options <input type="checkbox"/> Regulatory Default <input checked="" type="checkbox"/> Non-Default Options	Dispersion Coefficient Rural
<input checked="" type="checkbox"/> Elevated Terrain <input type="checkbox"/> No Stack-Tip Downwash (NOSTD) <input type="checkbox"/> Run in Screening Mode <input type="checkbox"/> Conversion of NOx to NO2 (OLM or PVMRM) <input type="checkbox"/> No Checks for Non-Sequential Met Data <input checked="" type="checkbox"/> Fast All Sources (FASTALL) <input type="checkbox"/> Fast Area Sources (FASTAREA) <input type="checkbox"/> Optimized Area Source Plume Depletion <input type="checkbox"/> Gas Deposition	Output Type <input checked="" type="checkbox"/> Concentration <input type="checkbox"/> Total Deposition (Dry & Wet) <input type="checkbox"/> Dry Deposition <input type="checkbox"/> Wet Deposition
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> BETA Options: <input type="checkbox"/> Capped and Horizontal Stack Releases <input type="checkbox"/> Adjusted Friction Velocity (u*) in AERMET (ADJ_U*) <input type="checkbox"/> Low Wind Options </div> <input type="checkbox"/> SCIM (Sampled Chronological Input Model) <input type="checkbox"/> Ignore Urban Night / Daytime Transition (NOURBTRAN)	Plume Depletion <input type="checkbox"/> Dry Removal <input type="checkbox"/> Wet Removal
	Output Warnings <input type="checkbox"/> No Output Warnings <input type="checkbox"/> Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM10	Exponential Decay <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Averaging Time Options Hours <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24 <input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual	Terrain Height Options <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated SO: Meters RE: Meters TG: Meters
Flagpole Receptors <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Default Height = 0.00 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: Tracy Alliance Phase 2 Mitigated DPM.err

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: ONSITE_DPM

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
10.37	3.33	1.04E-9		5	642294.52	4179807.57
		1.04E-9			642589.41	4179825.01
		1.04E-9			642577.15	4180325.91
		1.04E-9			642317.99	4180543.65
		1.04E-9			642276.43	4180552.85

Source Pathway - Source Inputs

AERMOD

Line Area Sources

Source Type: LINE AREA

Source: GRANT_NARROW (Grant Line - Narrow)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	1.64E-10	2.90	642240.15	4179796.64	10.66	0.00
			642370.14	4179802.71	10.56	0.00
			642468.35	4179807.41	10.65	0.00
			642522.65	4179810.81	10.42	0.00
			642601.30	4179815.09	10.26	0.00
			642753.89	4179822.72	9.65	0.00
			642870.97	4179828.53	9.00	0.00
			642997.37	4179834.93	8.56	0.00
			643058.89	4179838.14	8.24	0.00
			643276.88	4179849.70	7.72	0.00
			643328.83	4179852.61	7.77	0.00
			643373.85	4179852.10	7.93	0.00
			643406.67	4179847.70	8.14	0.00
			643430.60	4179842.01	8.40	0.00
			643493.86	4179821.89	8.50	0.00
			643512.08	4179816.54	8.42	0.00
			643534.21	4179811.19	7.81	0.00
			643559.11	4179807.66	7.64	0.00
			643584.56	4179806.59	7.35	0.00
			643837.49	4179810.10	6.87	0.00
			644304.14	4179819.98	6.91	0.00
			644381.56	4179816.77	6.84	0.00
			644639.88	4179802.61	6.89	0.00
			644920.10	4179780.34	6.69	0.00

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: GRANT_WIDE (East Grant - Wide)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
26.00	5.49E-11	2.90	639883.36	4179734.53	10.96	3.12
			640049.70	4179738.44	10.94	3.12
			640129.07	4179736.80	10.66	3.12
			640332.13	4179739.34	10.85	3.12
			640524.85	4179740.01	11.07	3.12
			640699.18	4179740.80	11.02	3.12
			640973.64	4179747.18	10.64	3.12
			641375.73	4179755.06	10.84	3.12
			641707.80	4179761.32	10.87	3.12
			642131.46	4179782.04	10.70	3.12
			642240.64	4179788.95	10.66	3.12

Source Type: LINE AREA

Source: HWY205 (Highway 205)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
48.00	3.38E-11	2.90	639915.98	4180899.34	9.30	3.12
			639987.03	4180907.58	9.10	3.12
			640073.77	4180914.25	9.05	3.12
			641143.27	4180936.85	8.98	3.12
			641981.33	4180952.99	7.71	3.12
			642628.24	4180964.34	8.15	3.12
			643389.33	4180982.37	7.56	3.12
			644550.34	4181004.59	8.48	3.12

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: PARADISE

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
16.00	1.00E-10	2.90	641915.85	4180743.61	8.10	3.12
			641856.19	4180579.29	8.26	3.12
			641859.36	4180208.62	9.60	3.12
			641875.78	4179785.62	10.30	3.12

Source Type: LINE AREA

Source: PESCADERO_NA (Pescadero - Narrow segment)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
14.00	1.14E-10	2.90	641847.47	4180579.89	8.29	3.12
			641627.29	4180574.25	7.94	3.12
			641457.58	4180572.75	8.05	3.12
			641280.37	4180568.97	8.09	3.12
			641038.41	4180563.52	8.46	3.12

Source Type: LINE AREA

Source: PESCADERO_WI (Pescadero - Wide segment)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
16.00	1.00E-10	2.90	641038.20	4180561.57	8.45	3.12
			640899.85	4180558.22	8.73	3.12
			640764.42	4180555.11	8.64	3.12
			640553.77	4180550.04	9.05	3.12
			640271.47	4180544.80	8.14	3.12
			639907.92	4180544.35	7.59	3.12

Source Pathway - Source Inputs

AERMOD

Area Sources Generated from Line Sources

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
PARADISE	A0000001	641908.34	4180746.34	3.12	87.40	109.96	7.76	2.90
	A0000002	641878.50	4180664.18	3.12	87.40	109.96	7.67	2.90
	A0000003	641848.19	4180579.23	3.12	123.56	89.51	8.31	2.90
	A0000004	641849.25	4180455.67	3.12	123.56	89.51	8.53	2.90
	A0000005	641850.30	4180332.11	3.12	123.56	89.51	9.22	2.90
	A0000006	641851.36	4180208.31	3.12	141.11	87.78	9.53	2.90
	A0000007	641856.84	4180067.31	3.12	141.11	87.78	9.99	2.90
	A0000008	641862.31	4179926.31	3.12	141.11	87.78	10.21	2.90

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
GRANT_WIDE	A0000009	639883.67	4179721.54	3.12	166.38	358.66	10.84	2.90
	A0000010	640049.43	4179725.44	3.12	79.39	1.18	10.98	2.90
	A0000011	640129.23	4179723.80	3.12	203.07	359.28	10.73	2.90
	A0000012	640332.17	4179726.34	3.12	192.72	359.80	10.71	2.90
	A0000013	640524.91	4179727.01	3.12	174.34	359.74	10.98	2.90
	A0000014	640699.48	4179727.80	3.12	137.27	358.67	10.89	2.90
	A0000015	640836.71	4179730.99	3.12	137.27	358.67	10.89	2.90
	A0000016	640973.90	4179734.18	3.12	201.08	358.88	10.68	2.90
	A0000017	641174.94	4179738.12	3.12	201.08	358.88	10.81	2.90
	A0000018	641375.97	4179742.07	3.12	166.07	358.92	10.90	2.90
	A0000019	641542.01	4179745.19	3.12	166.07	358.92	10.74	2.90
	A0000020	641708.44	4179748.33	3.12	212.08	357.20	10.69	2.90
	A0000021	641920.26	4179758.69	3.12	212.08	357.20	10.50	2.90
	A0000022	642132.28	4179769.06	3.12	109.40	356.38	10.69	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARRO	A0000023	642240.38	4179791.65	0.00	65.07	357.33	10.66	2.90
	A0000024	642305.38	4179794.68	0.00	65.07	357.33	10.56	2.90
	A0000025	642370.38	4179797.71	0.00	98.32	357.26	10.60	2.90
	A0000026	642468.66	4179802.42	0.00	54.41	356.41	10.64	2.90
	A0000027	642522.92	4179805.82	0.00	78.77	356.89	10.54	2.90
	A0000028	642601.55	4179810.09	0.00	76.39	357.14	10.35	2.90
	A0000029	642677.85	4179813.91	0.00	76.39	357.14	9.91	2.90
	A0000030	642754.14	4179817.73	0.00	58.61	357.16	9.67	2.90
	A0000031	642812.68	4179820.63	0.00	58.61	357.16	9.22	2.90
	A0000032	642871.22	4179823.54	0.00	63.28	357.10	9.01	2.90
	A0000033	642934.42	4179826.74	0.00	63.28	357.10	8.67	2.90
	A0000034	642997.63	4179829.94	0.00	61.60	357.02	8.39	2.90
	A0000035	643059.15	4179833.15	0.00	72.77	356.96	8.14	2.90
	A0000036	643131.82	4179837.00	0.00	72.77	356.96	8.08	2.90
	A0000037	643204.48	4179840.86	0.00	72.77	356.96	7.77	2.90
	A0000038	643277.16	4179844.71	0.00	52.03	356.80	7.73	2.90
	A0000039	643328.78	4179847.61	0.00	45.02	0.64	7.75	2.90
	A0000040	643373.19	4179847.15	0.00	33.11	7.64	7.77	2.90
	A0000041	643405.51	4179842.84	0.00	24.60	13.38	8.11	2.90
	A0000042	643429.09	4179837.25	0.00	66.38	17.65	8.19	2.90
	A0000043	643492.45	4179817.09	0.00	18.99	16.38	8.49	2.90
	A0000044	643510.91	4179811.68	0.00	22.76	13.58	8.32	2.90
	A0000045	643533.51	4179806.24	0.00	25.16	8.06	7.92	2.90
	A0000046	643558.90	4179802.67	0.00	25.46	2.41	7.59	2.90
	A0000047	643584.62	4179801.59	0.00	84.32	359.21	7.31	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000048	643668.94	4179802.76	0.00	84.32	359.21	7.02	2.90
	A0000049	643753.25	4179803.93	0.00	84.32	359.21	6.74	2.90
	A0000050	643837.59	4179805.10	0.00	93.35	358.79	6.68	2.90

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
HWY205	A0000051	639918.75	4180875.50	3.12	71.52	353.38	9.02	2.90
	A0000052	639988.87	4180883.65	3.12	87.00	355.60	8.61	2.90
	A0000053	640074.28	4180890.26	3.12	356.58	358.79	8.48	2.90
	A0000054	640430.78	4180897.79	3.12	356.58	358.79	8.49	2.90
	A0000055	640787.28	4180905.32	3.12	356.58	358.79	8.59	2.90
	A0000056	641143.74	4180912.85	3.12	419.10	358.90	8.51	2.90
	A0000057	641562.76	4180920.92	3.12	419.10	358.90	7.64	2.90
	A0000058	641981.75	4180929.00	3.12	323.51	358.99	8.25	2.90
	A0000059	642305.20	4180934.67	3.12	323.51	358.99	7.12	2.90
	A0000060	642628.81	4180940.35	3.12	380.65	358.64	6.75	2.90
	A0000061	643009.35	4180949.36	3.12	380.65	358.64	7.27	2.90
	A0000062	643389.79	4180958.37	3.12	387.08	358.90	7.83	2.90
	A0000063	643776.79	4180965.78	3.12	387.08	358.90	6.85	2.90
	A0000064	644163.80	4180973.19	3.12	387.08	358.90	6.95	2.90

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
DESCADERO_N	A0000065	641847.29	4180586.89	3.12	110.13	178.53	8.24	2.90
	A0000066	641737.20	4180584.07	3.12	110.13	178.53	7.84	2.90
	A0000067	641627.23	4180581.25	3.12	84.86	179.50	7.85	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
'ESCADERO_N	A0000068	641542.37	4180580.50	3.12	84.86	179.50	7.92	2.90
	A0000069	641457.43	4180579.75	3.12	88.62	178.78	7.94	2.90
	A0000070	641368.82	4180577.86	3.12	88.62	178.78	7.95	2.90
	A0000071	641280.21	4180575.97	3.12	121.01	178.71	8.03	2.90
	A0000072	641159.23	4180573.24	3.12	121.01	178.71	8.36	2.90
'ESCADERO_W	A0000073	641038.01	4180569.57	3.12	138.39	178.61	8.65	2.90
	A0000074	640899.67	4180566.21	3.12	135.47	178.69	8.95	2.90
	A0000075	640764.23	4180563.11	3.12	105.36	178.62	8.75	2.90
	A0000076	640658.90	4180560.57	3.12	105.36	178.62	8.97	2.90
	A0000077	640553.62	4180558.04	3.12	141.17	178.94	9.02	2.90
	A0000078	640412.47	4180555.42	3.12	141.17	178.94	8.61	2.90
	A0000079	640271.46	4180552.80	3.12	121.19	179.93	8.11	2.90
	A0000080	640150.28	4180552.65	3.12	121.19	179.93	7.70	2.90
	A0000081	640029.09	4180552.50	3.12	121.19	179.93	7.77	2.90
	RANT_NARRO	A0000082	643930.92	4179807.08	0.00	93.35	358.79	6.50
A0000083		644024.26	4179809.05	0.00	93.35	358.79	6.50	2.90
A0000084		644117.59	4179811.03	0.00	93.35	358.79	6.49	2.90
A0000085		644210.92	4179813.00	0.00	93.35	358.79	6.58	2.90
A0000086		644303.93	4179814.98	0.00	77.49	2.37	6.83	2.90
A0000087		644381.29	4179811.78	0.00	86.23	3.14	6.69	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000088	644467.39	4179807.06	0.00	86.23	3.14	6.78	2.90
	A0000089	644553.50	4179802.34	0.00	86.23	3.14	6.78	2.90
	A0000090	644639.48	4179797.63	0.00	93.70	4.54	6.67	2.90
	A0000091	644732.89	4179790.20	0.00	93.70	4.54	6.64	2.90
	A0000092	644826.30	4179782.78	0.00	93.70	4.54	6.68	2.90

Receptor Pathway

AERMOD

Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Discrete Cartesian Receptors

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	642423.59	4180906.20		5.74	
2	642441.65	4180909.13		5.71	
3	642480.08	4180894.46		6.83	
4	642519.76	4180888.29		5.42	
5	642566.51	4180882.54		5.07	
6	642626.31	4180850.18		5.27	
7	642669.21	4180807.50		4.70	
8	642766.30	4180717.00		5.31	
9	642864.59	4180554.77		5.81	
10	642843.70	4180532.79		5.99	
11	642612.01	4179848.87		9.81	
12	642624.90	4179791.78		10.39	
13	642639.86	4179791.65		10.35	
14	642667.43	4179795.46		9.94	
15	642693.29	4179797.16		9.84	
16	642728.95	4179797.77		9.79	
17	642798.23	4179801.48		9.03	
18	642838.25	4179796.55		8.93	
19	642873.35	4179801.20		8.83	
20	642903.14	4179804.04		8.64	
21	642861.85	4179877.44		8.79	
22	642915.46	4179883.14		9.24	
23	642889.34	4179922.70		8.80	
24	642916.53	4179957.30		8.35	
25	642846.92	4180017.86		8.29	
26	642969.73	4179932.63		8.53	
27	642984.82	4179936.19		8.37	
28	643006.43	4179931.45		8.58	
29	643027.44	4179882.32		8.62	
30	642942.74	4179809.51		8.49	

Receptor Pathway

AERMOD

31	642986.00	4179809.05	8.33
32	643009.48	4179802.10	8.33
33	643092.88	4179800.30	7.67
34	643107.73	4179811.01	7.72
35	643138.65	4179813.25	8.23
36	643123.91	4179779.64	8.25
37	643160.42	4179780.20	8.27
38	643175.36	4179761.55	8.29
39	643163.42	4179763.67	8.32
40	643139.64	4179753.74	8.35
41	643144.44	4179746.59	8.39
42	643213.32	4179778.97	8.13
43	643220.99	4179818.86	7.81
44	643231.24	4179817.25	7.83
45	643195.08	4179812.50	7.85
46	643266.55	4179806.39	7.79
47	643225.65	4179758.26	8.28
48	643235.56	4179763.82	8.27
49	643180.87	4179738.16	8.54
50	643132.53	4179699.67	8.87
51	643117.14	4179693.48	8.81
52	643101.08	4179686.86	8.98
53	643069.34	4179691.13	9.02
54	643077.53	4179710.91	8.88
55	643018.96	4179438.01	10.05
56	643084.59	4179523.29	9.74
57	643123.69	4179508.56	9.65
58	643205.32	4179504.68	9.73
59	643205.63	4179524.47	9.49
60	643228.04	4179453.82	9.60
61	643191.32	4179422.31	9.37
62	643156.40	4179471.78	9.88
63	643267.56	4179525.34	9.42
64	643239.54	4179565.68	9.28
65	643269.96	4179568.47	9.13
66	643276.56	4179548.69	9.25
67	643304.54	4179598.63	8.34
68	643198.44	4179596.54	9.10

Receptor Pathway

AERMOD

69	643165.27	4179587.66	9.05
70	643279.62	4179642.39	8.41
71	643342.12	4179677.63	8.40
72	643365.52	4179686.82	8.14
73	643412.02	4179712.59	8.03
74	643426.83	4179720.88	8.06
75	643443.06	4179763.53	7.71
76	643462.19	4179738.10	7.72
77	643477.05	4179744.65	7.75
78	643609.19	4179779.40	6.99
79	643581.34	4179779.40	7.10
80	643486.28	4179690.48	7.69
81	643461.70	4179683.07	7.85
82	643435.58	4179649.08	7.89
83	643445.96	4179656.83	7.86
84	643433.08	4179668.66	7.88
85	643472.43	4179636.73	7.74
86	643467.63	4179586.55	7.66
87	643474.60	4179575.24	7.82
88	643488.40	4179549.74	7.60
89	644226.05	4179433.08	7.30
90	643856.00	4179782.95	6.39
91	643894.54	4179783.96	6.19
92	643904.86	4179771.37	6.11
93	643902.09	4179750.97	6.08
94	643884.46	4179690.78	6.26
95	643988.56	4178601.40	11.42
96	643970.67	4178600.51	11.44
97	643953.35	4178599.84	11.46
98	643940.61	4178583.63	11.57
99	643898.25	4178561.06	11.56
100	643882.49	4178560.50	11.54
101	643868.08	4178560.61	11.50
102	643850.61	4178477.15	12.36
103	643802.93	4178519.25	11.99
104	643566.21	4178374.81	12.85
105	642899.11	4178625.63	13.25
106	642861.77	4178630.37	13.35

Receptor Pathway

AERMOD

107	642634.32	4178208.71	14.34
108	642761.13	4178115.10	14.42
109	642021.23	4178205.01	14.76
110	641455.17	4178051.75	15.53
111	640663.35	4177956.52	16.03
112	640591.80	4177954.95	16.27
113	640596.52	4177721.41	16.97
114	640657.83	4177883.48	16.30
115	640682.46	4177911.49	16.15
116	640695.49	4177909.55	16.19
117	640717.22	4177907.62	16.19
118	640718.67	4177867.06	16.41
119	640699.36	4177856.92	16.47
120	640661.69	4177868.02	16.36
121	640679.07	4177800.90	16.71
122	640699.84	4177807.66	16.56
123	640721.09	4177809.59	16.64
124	640660.72	4177772.41	16.71
125	640702.74	4177753.09	16.93
126	640669.42	4177758.89	16.73
127	640743.35	4177756.71	16.91
128	640801.27	4177764.04	16.95
129	640850.11	4177764.04	16.95
130	640883.26	4177755.67	16.90
131	640884.30	4177764.39	16.93
132	640885.00	4177773.81	16.93
133	640885.00	4177782.53	16.93
134	640883.26	4177791.95	16.90
135	640916.40	4177756.36	16.97
136	640946.76	4177754.97	16.87
137	640947.11	4177767.88	16.73
138	640916.75	4177765.78	16.94
139	640946.06	4177777.65	16.71
140	640917.80	4177775.20	16.88
141	640945.36	4177787.42	16.70
142	640917.80	4177784.97	16.88
143	640914.31	4177804.16	16.85
144	640916.40	4177794.39	16.87

Receptor Pathway

AERMOD

145	640943.62	4177804.86	16.66
146	640945.71	4177795.79	16.69
147	640979.90	4177758.81	16.68
148	640978.16	4177769.27	16.64
149	640976.41	4177776.95	16.63
150	640978.16	4177792.30	16.53
151	640978.85	4177801.02	16.50
152	640977.81	4177809.40	16.48
153	640978.51	4177820.56	16.46
154	640977.81	4177828.59	16.44
155	640879.77	4177800.67	16.84
156	640883.61	4177813.23	16.81
157	640885.35	4177824.75	16.84
158	640915.24	4177814.31	16.81
159	640945.30	4177816.13	16.60
160	640947.12	4177825.60	16.60
161	640915.97	4177824.87	16.78
162	640916.34	4177835.07	16.75
163	640946.57	4177835.98	16.57
164	640946.75	4177845.63	16.52
165	640915.61	4177844.18	16.73
166	640879.91	4177832.52	16.80
167	640885.19	4177842.36	16.74
168	640884.46	4177851.64	16.68
169	640916.34	4177852.74	16.71
170	640945.30	4177854.74	16.47
171	640945.48	4177863.12	16.45
172	640915.06	4177861.30	16.67
173	640883.19	4177861.12	16.61
174	640883.92	4177871.31	16.54
175	640885.38	4177879.87	16.49
176	640883.19	4177890.80	16.49
177	640915.97	4177871.68	16.61
178	640914.88	4177881.70	16.58
179	640944.20	4177871.86	16.44
180	640945.30	4177883.15	16.39
181	640944.57	4177893.17	16.37
182	640913.61	4177888.98	16.55

Receptor Pathway

AERMOD

183	640913.61	4177898.82	16.54
184	640944.20	4177902.46	16.38
185	640911.97	4177907.92	16.48
186	640944.75	4177911.02	16.35
187	640975.17	4177909.38	16.22
188	640976.99	4177900.64	16.25
189	640976.62	4177891.35	16.28
190	640978.44	4177881.51	16.26
191	640978.26	4177870.77	16.30
192	640980.08	4177860.39	16.31
193	640979.17	4177841.08	16.36
194	641027.15	4177771.72	16.80
195	641097.01	4177769.15	16.46
196	641050.94	4177776.86	16.58
197	641106.22	4177834.93	16.34
198	641112.42	4177909.52	15.89
199	641020.43	4177904.78	16.35
200	641092.38	4177966.96	15.79
201	640555.64	4178224.82	14.68
202	640382.10	4178168.75	15.06
203	640295.47	4178186.85	14.80
204	640289.24	4178169.94	14.93
205	640520.34	4178237.28	14.56
206	640568.99	4178242.62	14.68
207	642421.71	4179614.03	11.33
208	642419.19	4179586.04	11.55
209	641230.76	4179694.87	11.83
210	641806.79	4179870.63	10.26
211	641825.54	4179856.53	10.36
212	641492.88	4179824.18	10.67
213	641482.98	4179806.49	10.62
214	641401.40	4179805.19	10.73
215	641322.12	4179800.31	10.62
216	641199.49	4179789.22	10.67
217	641226.51	4179799.31	10.67
218	641254.87	4179804.73	10.50
219	641284.46	4179798.64	10.58
220	640672.91	4179804.60	10.57

Receptor Pathway

AERMOD

221	640909.50	4179873.06	10.45
222	640576.50	4179834.99	10.64
223	640471.40	4179791.88	10.57
224	640443.73	4179783.09	10.83
225	640490.06	4179808.83	10.59
226	640298.17	4179708.55	10.87
227	642150.64	4181339.61	4.85
228	642186.00	4181418.01	7.29
229	642076.74	4181423.01	4.93
230	642050.52	4181423.14	4.58
231	642015.47	4181420.37	4.60
232	642015.07	4181445.02	4.71
233	642806.07	4181128.16	4.97
234	643211.49	4181300.90	4.80
235	643199.12	4181323.37	4.79
236	643298.61	4181300.90	4.44
237	643326.13	4181311.50	4.53
238	643346.84	4181318.07	4.50
239	643321.08	4181355.19	5.00
240	643007.36	4181415.17	5.45
241	643051.46	4181483.78	5.49
242	643044.62	4181536.90	5.24
243	643074.82	4181735.00	4.31
244	643086.22	4182094.01	4.58
245	643112.32	4182105.50	4.56
246	643546.53	4181985.18	4.06
247	643513.62	4181994.64	3.90
248	643562.16	4182026.32	4.07
249	643691.88	4181951.64	4.69
250	644094.39	4181935.13	4.86
251	644141.12	4181899.90	4.90
252	644267.45	4181934.22	4.95
253	644287.49	4181943.88	4.85
254	644292.76	4181965.65	4.78
255	644292.05	4182056.81	6.89
256	642259.02	4181880.67	7.16
257	642310.80	4181936.64	7.27
258	642273.02	4181956.93	7.39

Receptor Pathway

AERMOD

259	642495.22	4182060.53	5.17
260	642520.63	4182128.95	4.82
261	642460.07	4182152.93	4.89
262	642395.94	4182171.85	4.89
263	642354.64	4182180.55	4.85
264	642309.47	4182187.07	4.89
265	642280.75	4182195.60	5.04
266	642284.96	4182251.52	5.06
267	642294.26	4182270.05	5.02
268	642091.45	4182315.72	5.07
269	641887.74	4182399.30	5.07
270	641273.71	4181787.58	6.87
271	641291.66	4181761.78	6.62
272	641217.11	4181351.16	5.94
273	640660.60	4181335.03	6.14
274	640788.06	4181343.64	5.94
275	640803.39	4181338.45	5.94
276	640649.98	4181397.27	5.41
277	640648.73	4182240.43	4.11
278	640586.47	4181956.43	4.05
279	640547.21	4181955.64	4.18
280	643437.92	4180843.06	2.54
281	643481.97	4180898.97	2.54
282	643433.96	4180777.27	2.63
283	643661.26	4180799.81	3.40
284	643358.63	4179948.56	7.24
285	643364.90	4179934.14	7.30
286	643369.06	4180042.08	8.11
287	643467.43	4180035.35	8.23
288	643303.09	4180066.52	6.80
289	643292.53	4180113.09	6.82
290	643351.83	4180094.85	6.59
291	643450.64	4180097.01	6.22
292	643491.34	4180094.80	7.11
293	643349.76	4180163.14	6.28
294	643408.25	4180231.85	5.77
295	643467.32	4180253.70	5.80
296	643521.65	4180278.59	5.50

Receptor Pathway

AERMOD

297	643572.31	4180303.75		5.37
298	643533.46	4180366.45		5.09
299	643621.79	4180419.99		8.03
300	643700.62	4180460.54		7.92
301	643875.45	4180553.54		7.92
302	643262.17	4179872.86		7.65
303	644358.55	4178997.60		8.74
304	644360.03	4179117.34		8.37
305	644400.66	4179118.33		8.38
306	644391.43	4179183.34		8.30
307	644346.19	4179235.67		8.00
308	644358.03	4179295.58		7.62
309	644377.37	4179348.51		7.39
310	644370.04	4179426.85		7.14
311	644366.28	4179467.77		6.98
312	644392.01	4179558.11		6.89
313	644363.59	4179543.35		6.81
314	644353.27	4179624.50		6.82
315	644348.20	4179699.91		6.66
316	644350.67	4179777.56		6.55
317	643056.95	4179847.93	FENCEPRI	8.07
318	643249.62	4179856.27	FENCEPRI	7.72
319	643244.70	4179977.45	FENCEPRI	7.48
320	643320.11	4179981.67	FENCEPRI	7.10
321	643317.62	4180052.81	FENCEPRI	6.83
322	643048.31	4180042.53	FENCEPRI	7.22
323	643061.89	4179848.14	FENCEINT	7.88
324	643066.83	4179848.36	FENCEINT	7.82
325	643071.77	4179848.57	FENCEINT	7.83
326	643076.71	4179848.79	FENCEINT	7.80
327	643081.65	4179849.00	FENCEINT	7.76
328	643086.59	4179849.21	FENCEINT	7.74
329	643091.53	4179849.43	FENCEINT	7.72
330	643096.47	4179849.64	FENCEINT	7.71
331	643101.41	4179849.85	FENCEINT	7.70
332	643106.35	4179850.07	FENCEINT	7.70
333	643111.29	4179850.28	FENCEINT	7.73
334	643116.23	4179850.50	FENCEINT	7.74

Receptor Pathway

AERMOD

335	643121.17	4179850.71	FENCEINT	7.75
336	643126.11	4179850.92	FENCEINT	7.75
337	643131.05	4179851.14	FENCEINT	7.75
338	643135.99	4179851.35	FENCEINT	7.76
339	643140.93	4179851.57	FENCEINT	7.75
340	643145.87	4179851.78	FENCEINT	7.74
341	643150.81	4179851.99	FENCEINT	7.77
342	643155.76	4179852.21	FENCEINT	7.81
343	643160.70	4179852.42	FENCEINT	7.85
344	643165.64	4179852.63	FENCEINT	7.87
345	643170.58	4179852.85	FENCEINT	7.88
346	643175.52	4179853.06	FENCEINT	7.87
347	643180.46	4179853.28	FENCEINT	7.87
348	643185.40	4179853.49	FENCEINT	7.88
349	643190.34	4179853.70	FENCEINT	7.87
350	643195.28	4179853.92	FENCEINT	7.87
351	643200.22	4179854.13	FENCEINT	7.86
352	643205.16	4179854.35	FENCEINT	7.86
353	643210.10	4179854.56	FENCEINT	7.86
354	643215.04	4179854.77	FENCEINT	7.85
355	643219.98	4179854.99	FENCEINT	7.83
356	643224.92	4179855.20	FENCEINT	7.82
357	643229.86	4179855.41	FENCEINT	7.80
358	643234.80	4179855.63	FENCEINT	7.79
359	643239.74	4179855.84	FENCEINT	7.77
360	643244.68	4179856.06	FENCEINT	7.74
361	643249.42	4179861.12	FENCEINT	7.68
362	643249.23	4179865.96	FENCEINT	7.67
363	643249.03	4179870.81	FENCEINT	7.66
364	643248.83	4179875.66	FENCEINT	7.65
365	643248.64	4179880.51	FENCEINT	7.64
366	643248.44	4179885.35	FENCEINT	7.63
367	643248.24	4179890.20	FENCEINT	7.63
368	643248.05	4179895.05	FENCEINT	7.63
369	643247.85	4179899.89	FENCEINT	7.63
370	643247.65	4179904.74	FENCEINT	7.64
371	643247.46	4179909.59	FENCEINT	7.64
372	643247.26	4179914.44	FENCEINT	7.66

Receptor Pathway

AERMOD

373	643247.06	4179919.28	FENCEINT	7.69
374	643246.86	4179924.13	FENCEINT	7.71
375	643246.67	4179928.98	FENCEINT	7.67
376	643246.47	4179933.83	FENCEINT	7.64
377	643246.27	4179938.67	FENCEINT	7.62
378	643246.08	4179943.52	FENCEINT	7.59
379	643245.88	4179948.37	FENCEINT	7.56
380	643245.68	4179953.21	FENCEINT	7.53
381	643245.49	4179958.06	FENCEINT	7.50
382	643245.29	4179962.91	FENCEINT	7.48
383	643245.09	4179967.76	FENCEINT	7.48
384	643244.90	4179972.60	FENCEINT	7.48
385	643249.41	4179977.71	FENCEINT	7.48
386	643254.13	4179977.98	FENCEINT	7.45
387	643258.84	4179978.24	FENCEINT	7.42
388	643263.55	4179978.51	FENCEINT	7.37
389	643268.27	4179978.77	FENCEINT	7.32
390	643272.98	4179979.03	FENCEINT	7.28
391	643277.69	4179979.30	FENCEINT	7.23
392	643282.41	4179979.56	FENCEINT	7.19
393	643287.12	4179979.82	FENCEINT	7.15
394	643291.83	4179980.09	FENCEINT	7.11
395	643296.54	4179980.35	FENCEINT	7.08
396	643301.26	4179980.62	FENCEINT	7.07
397	643305.97	4179980.88	FENCEINT	7.07
398	643310.68	4179981.14	FENCEINT	7.07
399	643315.40	4179981.41	FENCEINT	7.08
400	643319.94	4179986.41	FENCEINT	7.15
401	643319.78	4179991.16	FENCEINT	7.11
402	643319.61	4179995.90	FENCEINT	7.07
403	643319.45	4180000.64	FENCEINT	7.04
404	643319.28	4180005.38	FENCEINT	7.01
405	643319.11	4180010.13	FENCEINT	6.98
406	643318.95	4180014.87	FENCEINT	6.96
407	643318.78	4180019.61	FENCEINT	6.94
408	643318.62	4180024.35	FENCEINT	6.93
409	643318.45	4180029.10	FENCEINT	6.92
410	643318.28	4180033.84	FENCEINT	6.92

Receptor Pathway

AERMOD

411	643318.12	4180038.58	FENCEINT	6.91
412	643317.95	4180043.32	FENCEINT	6.88
413	643317.79	4180048.07	FENCEINT	6.84
414	643312.63	4180052.62	FENCEINT	6.84
415	643307.65	4180052.43	FENCEINT	6.88
416	643302.66	4180052.24	FENCEINT	6.93
417	643297.67	4180052.05	FENCEINT	6.97
418	643292.68	4180051.86	FENCEINT	7.02
419	643287.70	4180051.67	FENCEINT	7.07
420	643282.71	4180051.48	FENCEINT	7.13
421	643277.72	4180051.29	FENCEINT	7.17
422	643272.74	4180051.10	FENCEINT	7.21
423	643267.75	4180050.91	FENCEINT	7.19
424	643262.76	4180050.72	FENCEINT	7.16
425	643257.77	4180050.53	FENCEINT	7.07
426	643252.79	4180050.34	FENCEINT	7.04
427	643247.80	4180050.14	FENCEINT	7.02
428	643242.81	4180049.95	FENCEINT	7.02
429	643237.82	4180049.76	FENCEINT	7.04
430	643232.84	4180049.57	FENCEINT	7.10
431	643227.85	4180049.38	FENCEINT	7.16
432	643222.86	4180049.19	FENCEINT	7.23
433	643217.88	4180049.00	FENCEINT	7.25
434	643212.89	4180048.81	FENCEINT	7.27
435	643207.90	4180048.62	FENCEINT	7.28
436	643202.91	4180048.43	FENCEINT	7.29
437	643197.93	4180048.24	FENCEINT	7.30
438	643192.94	4180048.05	FENCEINT	7.29
439	643187.95	4180047.86	FENCEINT	7.29
440	643182.97	4180047.67	FENCEINT	7.28
441	643177.98	4180047.48	FENCEINT	7.28
442	643172.99	4180047.29	FENCEINT	7.28
443	643168.00	4180047.10	FENCEINT	7.27
444	643163.02	4180046.91	FENCEINT	7.26
445	643158.03	4180046.72	FENCEINT	7.24
446	643153.04	4180046.53	FENCEINT	7.22
447	643148.05	4180046.34	FENCEINT	7.19
448	643143.07	4180046.15	FENCEINT	7.17

Receptor Pathway

AERMOD

449	643138.08	4180045.96	FENCEINT	7.14
450	643133.09	4180045.77	FENCEINT	7.11
451	643128.11	4180045.58	FENCEINT	7.10
452	643123.12	4180045.39	FENCEINT	7.09
453	643118.13	4180045.20	FENCEINT	7.10
454	643113.14	4180045.00	FENCEINT	7.11
455	643108.16	4180044.81	FENCEINT	7.11
456	643103.17	4180044.62	FENCEINT	7.13
457	643098.18	4180044.43	FENCEINT	7.14
458	643093.20	4180044.24	FENCEINT	7.15
459	643088.21	4180044.05	FENCEINT	7.15
460	643083.22	4180043.86	FENCEINT	7.15
461	643078.23	4180043.67	FENCEINT	7.16
462	643073.25	4180043.48	FENCEINT	7.16
463	643068.26	4180043.29	FENCEINT	7.16
464	643063.27	4180043.10	FENCEINT	7.16
465	643058.28	4180042.91	FENCEINT	7.17
466	643053.30	4180042.72	FENCEINT	7.19
467	643048.53	4180037.54	FENCEINT	7.23
468	643048.75	4180032.55	FENCEINT	7.23
469	643048.97	4180027.56	FENCEINT	7.20
470	643049.20	4180022.57	FENCEINT	7.17
471	643049.42	4180017.58	FENCEINT	7.17
472	643049.64	4180012.59	FENCEINT	7.16
473	643049.86	4180007.60	FENCEINT	7.17
474	643050.08	4180002.61	FENCEINT	7.17
475	643050.30	4179997.62	FENCEINT	7.19
476	643050.53	4179992.63	FENCEINT	7.21
477	643050.75	4179987.64	FENCEINT	7.21
478	643050.97	4179982.65	FENCEINT	7.21
479	643051.19	4179977.66	FENCEINT	7.23
480	643051.41	4179972.67	FENCEINT	7.26
481	643051.63	4179967.68	FENCEINT	7.31
482	643051.85	4179962.69	FENCEINT	7.37
483	643052.08	4179957.70	FENCEINT	7.48
484	643052.30	4179952.71	FENCEINT	7.61
485	643052.52	4179947.72	FENCEINT	7.67
486	643052.74	4179942.74	FENCEINT	7.70

Receptor Pathway

AERMOD

487	643052.96	4179937.75	FENCEINT	7.73
488	643053.18	4179932.76	FENCEINT	7.75
489	643053.41	4179927.77	FENCEINT	7.77
490	643053.63	4179922.78	FENCEINT	7.80
491	643053.85	4179917.79	FENCEINT	7.83
492	643054.07	4179912.80	FENCEINT	7.87
493	643054.29	4179907.81	FENCEINT	7.90
494	643054.51	4179902.82	FENCEINT	7.92
495	643054.73	4179897.83	FENCEINT	7.94
496	643054.96	4179892.84	FENCEINT	7.96
497	643055.18	4179887.85	FENCEINT	7.97
498	643055.40	4179882.86	FENCEINT	7.96
499	643055.62	4179877.87	FENCEINT	7.95
500	643055.84	4179872.88	FENCEINT	7.94
501	643056.06	4179867.89	FENCEINT	7.95
502	643056.29	4179862.90	FENCEINT	7.98
503	643056.51	4179857.91	FENCEINT	8.01
504	643056.73	4179852.92	FENCEINT	8.03
505	644709.80	4181175.99		5.24
506	643845.20	4181463.75		7.71
507	644330.00	4180865.21		4.60
508	644452.33	4180865.29		5.27
509	644512.10	4180798.27		7.93
510	644319.84	4180764.59		4.35
511	644308.04	4180746.23		4.90
512	644138.04	4180612.81		5.41
513	644879.84	4180073.43		6.41
514	644852.72	4180057.70		6.58
515	644815.58	4180084.08		6.54
516	644434.45	4179763.78		6.41
517	644480.49	4179753.87		6.37
518	644533.82	4179754.07		6.24
519	644572.15	4179751.45		6.22
520	644614.87	4179749.47		6.36
521	644666.65	4179744.39		6.25
522	644709.75	4179741.55		6.42
523	644654.65	4179684.42		6.98
524	644756.54	4179741.37		6.28

Receptor Pathway

AERMOD

525	644802.88	4179734.95	6.43
526	644438.45	4179613.05	6.74
527	644419.90	4179655.61	6.44
528	644515.31	4179578.76	6.95
529	644568.92	4179611.72	6.77
530	644632.74	4179604.09	6.97
531	644622.52	4179628.84	6.75
532	644692.02	4179626.72	6.77
533	644715.72	4179622.20	6.74
534	644736.91	4179575.92	6.98
535	644896.13	4179734.33	6.68
536	644890.29	4179678.94	6.88
537	644870.72	4179630.27	6.88
538	644844.88	4179581.26	6.89
539	644811.63	4179524.16	7.12
540	644888.52	4179486.80	7.31
541	644843.91	4179447.63	7.35
542	644751.04	4179453.34	7.24
543	644687.08	4179421.77	7.25
544	644651.04	4179382.11	7.43
545	644781.49	4179374.57	7.52
546	644638.75	4179524.00	6.77
547	644704.20	4179540.46	7.02
548	644720.05	4179331.30	7.66
549	644652.73	4179276.83	7.82
550	644594.69	4179286.60	7.81
551	644553.55	4179307.88	8.03
552	644582.85	4179385.45	7.42
553	644547.59	4179463.84	7.26
554	644587.96	4179533.53	6.99
555	644464.69	4179511.51	7.11
556	644458.51	4179430.01	7.27
557	644481.84	4179451.80	7.24
558	644511.17	4179343.07	7.49
559	644422.52	4179188.89	8.22
560	644494.33	4179201.46	8.16
561	644536.24	4179160.11	8.33
562	644510.90	4179123.08	8.42

Receptor Pathway

AERMOD

563	644479.20	4179133.58	8.35
564	644448.31	4179129.95	8.47
565	644452.76	4179185.46	8.12
566	644819.26	4178110.75	12.44
567	644432.02	4178184.01	11.91
568	643789.26	4178237.48	13.01
569	643119.53	4178034.41	14.98
570	640400.83	4178086.93	15.28
571	640651.52	4182600.78	6.74
572	640381.96	4182411.74	4.34
573	640647.52	4182373.39	4.00
574	640650.54	4182298.58	4.20
575	641085.45	4182754.82	4.65
576	641137.09	4182713.73	4.54
577	644304.24	4182367.65	3.81
578	644313.47	4182401.60	3.57
579	644346.08	4182544.35	3.82
580	644342.13	4182579.51	3.77
581	644298.15	4182492.21	3.32
582	644334.86	4182819.85	3.93

Plant Boundary Receptors

Cartesian Plant Boundary

Primary

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643056.95	4179847.93	FENCEPRI	8.07	
2	643249.62	4179856.27	FENCEPRI	7.72	
3	643244.70	4179977.45	FENCEPRI	7.48	
4	643320.11	4179981.67	FENCEPRI	7.10	
5	643317.62	4180052.81	FENCEPRI	6.83	
6	643048.31	4180042.53	FENCEPRI	7.22	
7	642294.54	4179807.47	FENCEPRI	10.37	
8	642589.40	4179825.20	FENCEPRI	9.81	
9	642577.16	4180325.97	FENCEPRI	7.95	
10	642317.85	4180543.57	FENCEPRI	7.84	
11	642276.47	4180552.83	FENCEPRI	7.70	

Intermediate

Receptor Pathway

AERMOD

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643061.89	4179848.14	FENCEINT	7.88	
2	643066.83	4179848.36	FENCEINT	7.82	
3	643071.77	4179848.57	FENCEINT	7.83	
4	643076.71	4179848.79	FENCEINT	7.80	
5	643081.65	4179849.00	FENCEINT	7.76	
6	643086.59	4179849.21	FENCEINT	7.74	
7	643091.53	4179849.43	FENCEINT	7.72	
8	643096.47	4179849.64	FENCEINT	7.71	
9	643101.41	4179849.85	FENCEINT	7.70	
10	643106.35	4179850.07	FENCEINT	7.70	
11	643111.29	4179850.28	FENCEINT	7.73	
12	643116.23	4179850.50	FENCEINT	7.74	
13	643121.17	4179850.71	FENCEINT	7.75	
14	643126.11	4179850.92	FENCEINT	7.75	
15	643131.05	4179851.14	FENCEINT	7.75	
16	643135.99	4179851.35	FENCEINT	7.76	
17	643140.93	4179851.57	FENCEINT	7.75	
18	643145.87	4179851.78	FENCEINT	7.74	
19	643150.81	4179851.99	FENCEINT	7.77	
20	643155.76	4179852.21	FENCEINT	7.81	
21	643160.70	4179852.42	FENCEINT	7.85	
22	643165.64	4179852.63	FENCEINT	7.87	
23	643170.58	4179852.85	FENCEINT	7.88	
24	643175.52	4179853.06	FENCEINT	7.87	
25	643180.46	4179853.28	FENCEINT	7.87	
26	643185.40	4179853.49	FENCEINT	7.88	
27	643190.34	4179853.70	FENCEINT	7.87	
28	643195.28	4179853.92	FENCEINT	7.87	
29	643200.22	4179854.13	FENCEINT	7.86	
30	643205.16	4179854.35	FENCEINT	7.86	
31	643210.10	4179854.56	FENCEINT	7.86	
32	643215.04	4179854.77	FENCEINT	7.85	
33	643219.98	4179854.99	FENCEINT	7.83	
34	643224.92	4179855.20	FENCEINT	7.82	
35	643229.86	4179855.41	FENCEINT	7.80	
36	643234.80	4179855.63	FENCEINT	7.79	
37	643239.74	4179855.84	FENCEINT	7.77	
38	643244.68	4179856.06	FENCEINT	7.74	
39	643249.62	4179861.12	FENCEINT	7.68	

Receptor Pathway

AERMOD

40	643249.23	4179865.96	FENCEINT	7.67	
41	643249.03	4179870.81	FENCEINT	7.66	
42	643248.83	4179875.66	FENCEINT	7.65	
43	643248.64	4179880.51	FENCEINT	7.64	
44	643248.44	4179885.35	FENCEINT	7.63	
45	643248.24	4179890.20	FENCEINT	7.63	
46	643248.05	4179895.05	FENCEINT	7.63	
47	643247.85	4179899.89	FENCEINT	7.63	
48	643247.65	4179904.74	FENCEINT	7.64	
49	643247.46	4179909.59	FENCEINT	7.64	
50	643247.26	4179914.44	FENCEINT	7.66	
51	643247.06	4179919.28	FENCEINT	7.69	
52	643246.86	4179924.13	FENCEINT	7.71	
53	643246.67	4179928.98	FENCEINT	7.67	
54	643246.47	4179933.83	FENCEINT	7.64	
55	643246.27	4179938.67	FENCEINT	7.62	
56	643246.08	4179943.52	FENCEINT	7.59	
57	643245.88	4179948.37	FENCEINT	7.56	
58	643245.68	4179953.21	FENCEINT	7.53	
59	643245.49	4179958.06	FENCEINT	7.50	
60	643245.29	4179962.91	FENCEINT	7.48	
61	643245.09	4179967.76	FENCEINT	7.48	
62	643244.90	4179972.60	FENCEINT	7.48	
63	643249.41	4179977.71	FENCEINT	7.48	
64	643254.13	4179977.98	FENCEINT	7.45	
65	643258.84	4179978.24	FENCEINT	7.42	
66	643263.55	4179978.51	FENCEINT	7.37	
67	643268.27	4179978.77	FENCEINT	7.32	
68	643272.98	4179979.03	FENCEINT	7.28	
69	643277.69	4179979.30	FENCEINT	7.23	
70	643282.41	4179979.56	FENCEINT	7.19	
71	643287.12	4179979.82	FENCEINT	7.15	
72	643291.83	4179980.09	FENCEINT	7.11	
73	643296.54	4179980.35	FENCEINT	7.08	
74	643301.26	4179980.62	FENCEINT	7.07	
75	643305.97	4179980.88	FENCEINT	7.07	
76	643310.68	4179981.14	FENCEINT	7.07	
77	643315.40	4179981.41	FENCEINT	7.08	
78	643319.94	4179986.41	FENCEINT	7.15	
79	643319.78	4179991.16	FENCEINT	7.11	
80	643319.61	4179995.90	FENCEINT	7.07	

Receptor Pathway

AERMOD

81	643319.45	4180000.64	FENCEINT	7.04	
82	643319.28	4180005.38	FENCEINT	7.01	
83	643319.11	4180010.13	FENCEINT	6.98	
84	643318.95	4180014.87	FENCEINT	6.96	
85	643318.78	4180019.61	FENCEINT	6.94	
86	643318.62	4180024.35	FENCEINT	6.93	
87	643318.45	4180029.10	FENCEINT	6.92	
88	643318.28	4180033.84	FENCEINT	6.92	
89	643318.12	4180038.58	FENCEINT	6.91	
90	643317.95	4180043.32	FENCEINT	6.88	
91	643317.79	4180048.07	FENCEINT	6.84	
92	643312.63	4180052.62	FENCEINT	6.84	
93	643307.65	4180052.43	FENCEINT	6.88	
94	643302.66	4180052.24	FENCEINT	6.93	
95	643297.67	4180052.05	FENCEINT	6.97	
96	643292.68	4180051.86	FENCEINT	7.02	
97	643287.70	4180051.67	FENCEINT	7.07	
98	643282.71	4180051.48	FENCEINT	7.13	
99	643277.72	4180051.29	FENCEINT	7.17	
100	643272.74	4180051.10	FENCEINT	7.21	
101	643267.75	4180050.91	FENCEINT	7.19	
102	643262.76	4180050.72	FENCEINT	7.16	
103	643257.77	4180050.53	FENCEINT	7.07	
104	643252.79	4180050.34	FENCEINT	7.04	
105	643247.80	4180050.14	FENCEINT	7.02	
106	643242.81	4180049.95	FENCEINT	7.02	
107	643237.82	4180049.76	FENCEINT	7.04	
108	643232.84	4180049.57	FENCEINT	7.10	
109	643227.85	4180049.38	FENCEINT	7.16	
110	643222.86	4180049.19	FENCEINT	7.23	
111	643217.88	4180049.00	FENCEINT	7.25	
112	643212.89	4180048.81	FENCEINT	7.27	
113	643207.90	4180048.62	FENCEINT	7.28	
114	643202.91	4180048.43	FENCEINT	7.29	
115	643197.93	4180048.24	FENCEINT	7.30	
116	643192.94	4180048.05	FENCEINT	7.29	
117	643187.95	4180047.86	FENCEINT	7.29	
118	643182.97	4180047.67	FENCEINT	7.28	
119	643177.98	4180047.48	FENCEINT	7.28	
120	643172.99	4180047.29	FENCEINT	7.28	
121	643168.00	4180047.10	FENCEINT	7.27	

Receptor Pathway

AERMOD

122	643163.02	4180046.91	FENCEINT	7.26	
123	643158.03	4180046.72	FENCEINT	7.24	
124	643153.04	4180046.53	FENCEINT	7.22	
125	643148.05	4180046.34	FENCEINT	7.19	
126	643143.07	4180046.15	FENCEINT	7.17	
127	643138.08	4180045.96	FENCEINT	7.14	
128	643133.09	4180045.77	FENCEINT	7.11	
129	643128.11	4180045.58	FENCEINT	7.10	
130	643123.12	4180045.39	FENCEINT	7.09	
131	643118.13	4180045.20	FENCEINT	7.10	
132	643113.14	4180045.00	FENCEINT	7.11	
133	643108.16	4180044.81	FENCEINT	7.11	
134	643103.17	4180044.62	FENCEINT	7.13	
135	643098.18	4180044.43	FENCEINT	7.14	
136	643093.20	4180044.24	FENCEINT	7.15	
137	643088.21	4180044.05	FENCEINT	7.15	
138	643083.22	4180043.86	FENCEINT	7.15	
139	643078.23	4180043.67	FENCEINT	7.16	
140	643073.25	4180043.48	FENCEINT	7.16	
141	643068.26	4180043.29	FENCEINT	7.16	
142	643063.27	4180043.10	FENCEINT	7.16	
143	643058.28	4180042.91	FENCEINT	7.17	
144	643053.30	4180042.72	FENCEINT	7.19	
145	643048.53	4180037.54	FENCEINT	7.23	
146	643048.75	4180032.55	FENCEINT	7.23	
147	643048.97	4180027.56	FENCEINT	7.20	
148	643049.20	4180022.57	FENCEINT	7.17	
149	643049.42	4180017.58	FENCEINT	7.17	
150	643049.64	4180012.59	FENCEINT	7.16	
151	643049.86	4180007.60	FENCEINT	7.17	
152	643050.08	4180002.61	FENCEINT	7.17	
153	643050.30	4179997.62	FENCEINT	7.19	
154	643050.53	4179992.63	FENCEINT	7.21	
155	643050.75	4179987.64	FENCEINT	7.21	
156	643050.97	4179982.65	FENCEINT	7.21	
157	643051.19	4179977.66	FENCEINT	7.23	
158	643051.41	4179972.67	FENCEINT	7.26	
159	643051.63	4179967.68	FENCEINT	7.31	
160	643051.85	4179962.69	FENCEINT	7.37	
161	643052.08	4179957.70	FENCEINT	7.48	
162	643052.30	4179952.71	FENCEINT	7.61	

Receptor Pathway

AERMOD

163	643052.52	4179947.72	FENCEINT	7.67	
164	643052.74	4179942.74	FENCEINT	7.70	
165	643052.96	4179937.75	FENCEINT	7.73	
166	643053.18	4179932.76	FENCEINT	7.75	
167	643053.41	4179927.77	FENCEINT	7.77	
168	643053.63	4179922.78	FENCEINT	7.80	
169	643053.85	4179917.79	FENCEINT	7.83	
170	643054.07	4179912.80	FENCEINT	7.87	
171	643054.29	4179907.81	FENCEINT	7.90	
172	643054.51	4179902.82	FENCEINT	7.92	
173	643054.73	4179897.83	FENCEINT	7.94	
174	643054.96	4179892.84	FENCEINT	7.96	
175	643055.18	4179887.85	FENCEINT	7.97	
176	643055.40	4179882.86	FENCEINT	7.96	
177	643055.62	4179877.87	FENCEINT	7.95	
178	643055.84	4179872.88	FENCEINT	7.94	
179	643056.06	4179867.89	FENCEINT	7.95	
180	643056.29	4179862.90	FENCEINT	7.98	
181	643056.51	4179857.91	FENCEINT	8.01	
182	643056.73	4179852.92	FENCEINT	8.03	
183	642299.45	4179807.77	FENCEINT	10.33	
184	642304.37	4179808.06	FENCEINT	10.27	
185	642309.28	4179808.36	FENCEINT	10.24	
186	642314.20	4179808.65	FENCEINT	10.22	
187	642319.11	4179808.95	FENCEINT	10.21	
188	642324.03	4179809.24	FENCEINT	10.20	
189	642328.94	4179809.54	FENCEINT	10.19	
190	642333.85	4179809.83	FENCEINT	10.18	
191	642338.77	4179810.13	FENCEINT	10.17	
192	642343.68	4179810.43	FENCEINT	10.15	
193	642348.60	4179810.72	FENCEINT	10.15	
194	642353.51	4179811.02	FENCEINT	10.15	
195	642358.43	4179811.31	FENCEINT	10.15	
196	642363.34	4179811.61	FENCEINT	10.15	
197	642368.26	4179811.90	FENCEINT	10.16	
198	642373.17	4179812.20	FENCEINT	10.16	
199	642378.08	4179812.49	FENCEINT	10.15	
200	642383.00	4179812.79	FENCEINT	10.16	
201	642387.91	4179813.08	FENCEINT	10.16	
202	642392.83	4179813.38	FENCEINT	10.15	
203	642397.74	4179813.68	FENCEINT	10.15	

Receptor Pathway

AERMOD

204	642402.66	4179813.97	FENCEINT	10.15	
205	642407.57	4179814.27	FENCEINT	10.15	
206	642412.48	4179814.56	FENCEINT	10.15	
207	642417.40	4179814.86	FENCEINT	10.15	
208	642422.31	4179815.15	FENCEINT	10.14	
209	642427.23	4179815.45	FENCEINT	10.12	
210	642432.14	4179815.74	FENCEINT	10.11	
211	642437.06	4179816.04	FENCEINT	10.11	
212	642441.97	4179816.34	FENCEINT	10.12	
213	642446.88	4179816.63	FENCEINT	10.12	
214	642451.80	4179816.93	FENCEINT	10.11	
215	642456.71	4179817.22	FENCEINT	10.12	
216	642461.63	4179817.52	FENCEINT	10.11	
217	642466.54	4179817.81	FENCEINT	10.10	
218	642471.46	4179818.11	FENCEINT	10.10	
219	642476.37	4179818.40	FENCEINT	10.10	
220	642481.28	4179818.70	FENCEINT	10.08	
221	642486.20	4179818.99	FENCEINT	10.08	
222	642491.11	4179819.29	FENCEINT	10.08	
223	642496.03	4179819.59	FENCEINT	10.07	
224	642500.94	4179819.88	FENCEINT	10.06	
225	642505.86	4179820.18	FENCEINT	10.05	
226	642510.77	4179820.47	FENCEINT	10.05	
227	642515.69	4179820.77	FENCEINT	10.03	
228	642520.60	4179821.06	FENCEINT	10.03	
229	642525.51	4179821.36	FENCEINT	10.02	
230	642530.43	4179821.65	FENCEINT	10.00	
231	642535.34	4179821.95	FENCEINT	9.99	
232	642540.26	4179822.25	FENCEINT	9.99	
233	642545.17	4179822.54	FENCEINT	9.98	
234	642550.09	4179822.84	FENCEINT	9.97	
235	642555.00	4179823.13	FENCEINT	9.96	
236	642559.91	4179823.43	FENCEINT	9.95	
237	642564.83	4179823.72	FENCEINT	9.93	
238	642569.74	4179824.02	FENCEINT	9.91	
239	642574.66	4179824.31	FENCEINT	9.89	
240	642579.57	4179824.61	FENCEINT	9.86	
241	642584.49	4179824.90	FENCEINT	9.84	
242	642589.28	4179830.16	FENCEINT	9.53	
243	642589.16	4179835.12	FENCEINT	9.47	
244	642589.04	4179840.07	FENCEINT	9.41	

Receptor Pathway

AERMOD

245	642588.92	4179845.03	FENCEINT	9.40	
246	642588.79	4179849.99	FENCEINT	9.39	
247	642588.67	4179854.95	FENCEINT	9.37	
248	642588.55	4179859.91	FENCEINT	9.36	
249	642588.43	4179864.86	FENCEINT	9.35	
250	642588.31	4179869.82	FENCEINT	9.33	
251	642588.19	4179874.78	FENCEINT	9.32	
252	642588.07	4179879.74	FENCEINT	9.31	
253	642587.95	4179884.70	FENCEINT	9.29	
254	642587.82	4179889.66	FENCEINT	9.28	
255	642587.70	4179894.61	FENCEINT	9.27	
256	642587.58	4179899.57	FENCEINT	9.25	
257	642587.46	4179904.53	FENCEINT	9.24	
258	642587.34	4179909.49	FENCEINT	9.23	
259	642587.22	4179914.45	FENCEINT	9.22	
260	642587.10	4179919.40	FENCEINT	9.21	
261	642586.98	4179924.36	FENCEINT	9.20	
262	642586.86	4179929.32	FENCEINT	9.19	
263	642586.73	4179934.28	FENCEINT	9.17	
264	642586.61	4179939.24	FENCEINT	9.16	
265	642586.49	4179944.19	FENCEINT	9.14	
266	642586.37	4179949.15	FENCEINT	9.11	
267	642586.25	4179954.11	FENCEINT	9.08	
268	642586.13	4179959.07	FENCEINT	9.07	
269	642586.01	4179964.03	FENCEINT	9.06	
270	642585.89	4179968.99	FENCEINT	9.04	
271	642585.76	4179973.94	FENCEINT	9.02	
272	642585.64	4179978.90	FENCEINT	9.01	
273	642585.52	4179983.86	FENCEINT	9.00	
274	642585.40	4179988.82	FENCEINT	8.99	
275	642585.28	4179993.78	FENCEINT	8.97	
276	642585.16	4179998.73	FENCEINT	8.96	
277	642585.04	4180003.69	FENCEINT	8.94	
278	642584.92	4180008.65	FENCEINT	8.93	
279	642584.79	4180013.61	FENCEINT	8.91	
280	642584.67	4180018.57	FENCEINT	8.90	
281	642584.55	4180023.52	FENCEINT	8.88	
282	642584.43	4180028.48	FENCEINT	8.86	
283	642584.31	4180033.44	FENCEINT	8.85	
284	642584.19	4180038.40	FENCEINT	8.84	
285	642584.07	4180043.36	FENCEINT	8.82	

Receptor Pathway

AERMOD

286	642583.95	4180048.32	FENCEINT	8.80	
287	642583.83	4180053.27	FENCEINT	8.78	
288	642583.70	4180058.23	FENCEINT	8.76	
289	642583.58	4180063.19	FENCEINT	8.75	
290	642583.46	4180068.15	FENCEINT	8.74	
291	642583.34	4180073.11	FENCEINT	8.72	
292	642583.22	4180078.06	FENCEINT	8.71	
293	642583.10	4180083.02	FENCEINT	8.70	
294	642582.98	4180087.98	FENCEINT	8.68	
295	642582.86	4180092.94	FENCEINT	8.66	
296	642582.73	4180097.90	FENCEINT	8.65	
297	642582.61	4180102.85	FENCEINT	8.63	
298	642582.49	4180107.81	FENCEINT	8.62	
299	642582.37	4180112.77	FENCEINT	8.60	
300	642582.25	4180117.73	FENCEINT	8.59	
301	642582.13	4180122.69	FENCEINT	8.57	
302	642582.01	4180127.65	FENCEINT	8.55	
303	642581.89	4180132.60	FENCEINT	8.54	
304	642581.77	4180137.56	FENCEINT	8.52	
305	642581.64	4180142.52	FENCEINT	8.50	
306	642581.52	4180147.48	FENCEINT	8.49	
307	642581.40	4180152.44	FENCEINT	8.47	
308	642581.28	4180157.39	FENCEINT	8.45	
309	642581.16	4180162.35	FENCEINT	8.44	
310	642581.04	4180167.31	FENCEINT	8.43	
311	642580.92	4180172.27	FENCEINT	8.41	
312	642580.80	4180177.23	FENCEINT	8.39	
313	642580.67	4180182.18	FENCEINT	8.37	
314	642580.55	4180187.14	FENCEINT	8.35	
315	642580.43	4180192.10	FENCEINT	8.33	
316	642580.31	4180197.06	FENCEINT	8.31	
317	642580.19	4180202.02	FENCEINT	8.29	
318	642580.07	4180206.98	FENCEINT	8.28	
319	642579.95	4180211.93	FENCEINT	8.26	
320	642579.83	4180216.89	FENCEINT	8.24	
321	642579.70	4180221.85	FENCEINT	8.22	
322	642579.58	4180226.81	FENCEINT	8.21	
323	642579.46	4180231.77	FENCEINT	8.19	
324	642579.34	4180236.72	FENCEINT	8.17	
325	642579.22	4180241.68	FENCEINT	8.16	
326	642579.10	4180246.64	FENCEINT	8.15	

Receptor Pathway

AERMOD

327	642578.98	4180251.60	FENCEINT	8.13	
328	642578.86	4180256.56	FENCEINT	8.11	
329	642578.74	4180261.51	FENCEINT	8.09	
330	642578.61	4180266.47	FENCEINT	8.07	
331	642578.49	4180271.43	FENCEINT	8.05	
332	642578.37	4180276.39	FENCEINT	8.02	
333	642578.25	4180281.35	FENCEINT	8.00	
334	642578.13	4180286.31	FENCEINT	7.98	
335	642578.01	4180291.26	FENCEINT	7.96	
336	642577.89	4180296.22	FENCEINT	7.95	
337	642577.77	4180301.18	FENCEINT	7.94	
338	642577.64	4180306.14	FENCEINT	7.98	
339	642577.52	4180311.10	FENCEINT	8.04	
340	642577.40	4180316.05	FENCEINT	8.05	
341	642577.28	4180321.01	FENCEINT	8.05	
342	642573.35	4180329.17	FENCEINT	7.93	
343	642569.53	4180332.37	FENCEINT	7.93	
344	642565.72	4180335.57	FENCEINT	7.96	
345	642561.91	4180338.77	FENCEINT	7.92	
346	642558.09	4180341.97	FENCEINT	7.91	
347	642554.28	4180345.17	FENCEINT	7.92	
348	642550.47	4180348.37	FENCEINT	7.92	
349	642546.65	4180351.57	FENCEINT	7.90	
350	642542.84	4180354.77	FENCEINT	7.94	
351	642539.03	4180357.97	FENCEINT	7.92	
352	642535.21	4180361.17	FENCEINT	7.91	
353	642531.40	4180364.37	FENCEINT	7.93	
354	642527.59	4180367.57	FENCEINT	7.92	
355	642523.77	4180370.77	FENCEINT	7.89	
356	642519.96	4180373.97	FENCEINT	7.93	
357	642516.15	4180377.17	FENCEINT	7.93	
358	642512.33	4180380.37	FENCEINT	7.90	
359	642508.52	4180383.57	FENCEINT	7.95	
360	642504.71	4180386.77	FENCEINT	7.92	
361	642500.89	4180389.97	FENCEINT	7.90	
362	642497.08	4180393.17	FENCEINT	7.92	
363	642493.27	4180396.37	FENCEINT	7.93	
364	642489.45	4180399.57	FENCEINT	7.91	
365	642485.64	4180402.77	FENCEINT	7.93	
366	642481.83	4180405.97	FENCEINT	7.94	
367	642478.01	4180409.17	FENCEINT	7.91	

Receptor Pathway

AERMOD

368	642474.20	4180412.37	FENCEINT	7.91	
369	642470.39	4180415.57	FENCEINT	7.93	
370	642466.57	4180418.77	FENCEINT	7.92	
371	642462.76	4180421.97	FENCEINT	7.91	
372	642458.95	4180425.17	FENCEINT	7.95	
373	642455.13	4180428.37	FENCEINT	7.90	
374	642451.32	4180431.57	FENCEINT	7.91	
375	642447.51	4180434.77	FENCEINT	7.93	
376	642443.69	4180437.97	FENCEINT	7.92	
377	642439.88	4180441.17	FENCEINT	7.92	
378	642436.06	4180444.37	FENCEINT	7.96	
379	642432.25	4180447.57	FENCEINT	7.94	
380	642428.44	4180450.77	FENCEINT	7.90	
381	642424.62	4180453.97	FENCEINT	7.95	
382	642420.81	4180457.17	FENCEINT	7.91	
383	642417.00	4180460.37	FENCEINT	7.90	
384	642413.18	4180463.57	FENCEINT	7.93	
385	642409.37	4180466.77	FENCEINT	7.94	
386	642405.56	4180469.97	FENCEINT	7.89	
387	642401.74	4180473.17	FENCEINT	7.92	
388	642397.93	4180476.37	FENCEINT	7.89	
389	642394.12	4180479.57	FENCEINT	7.87	
390	642390.30	4180482.77	FENCEINT	7.90	
391	642386.49	4180485.97	FENCEINT	7.92	
392	642382.68	4180489.17	FENCEINT	7.90	
393	642378.86	4180492.37	FENCEINT	7.90	
394	642375.05	4180495.57	FENCEINT	7.94	
395	642371.24	4180498.77	FENCEINT	7.88	
396	642367.42	4180501.97	FENCEINT	7.90	
397	642363.61	4180505.17	FENCEINT	7.92	
398	642359.80	4180508.37	FENCEINT	7.90	
399	642355.98	4180511.57	FENCEINT	7.89	
400	642352.17	4180514.77	FENCEINT	7.96	
401	642348.36	4180517.97	FENCEINT	7.91	
402	642344.54	4180521.17	FENCEINT	7.90	
403	642340.73	4180524.37	FENCEINT	7.99	
404	642336.92	4180527.57	FENCEINT	7.90	
405	642333.10	4180530.77	FENCEINT	7.87	
406	642329.29	4180533.97	FENCEINT	7.87	
407	642325.48	4180537.17	FENCEINT	7.86	
408	642321.66	4180540.37	FENCEINT	7.81	

Receptor Pathway

AERMOD

409	642313.25	4180544.60	FENCEINT	7.81	
410	642308.65	4180545.63	FENCEINT	7.75	
411	642304.06	4180546.66	FENCEINT	7.74	
412	642299.46	4180547.69	FENCEINT	7.72	
413	642294.86	4180548.71	FENCEINT	7.72	
414	642290.26	4180549.74	FENCEINT	7.72	
415	642285.67	4180550.77	FENCEINT	7.72	
416	642281.07	4180551.80	FENCEINT	7.71	
417	642276.59	4180547.86	FENCEINT	7.72	
418	642276.71	4180542.89	FENCEINT	7.72	
419	642276.83	4180537.92	FENCEINT	7.64	
420	642276.95	4180532.95	FENCEINT	7.56	
421	642277.07	4180527.98	FENCEINT	7.55	
422	642277.19	4180523.02	FENCEINT	7.54	
423	642277.31	4180518.05	FENCEINT	7.56	
424	642277.43	4180513.08	FENCEINT	7.58	
425	642277.55	4180508.11	FENCEINT	7.59	
426	642277.67	4180503.14	FENCEINT	7.61	
427	642277.80	4180498.17	FENCEINT	7.61	
428	642277.92	4180493.20	FENCEINT	7.62	
429	642278.04	4180488.23	FENCEINT	7.63	
430	642278.16	4180483.26	FENCEINT	7.65	
431	642278.28	4180478.29	FENCEINT	7.67	
432	642278.40	4180473.32	FENCEINT	7.69	
433	642278.52	4180468.36	FENCEINT	7.71	
434	642278.64	4180463.39	FENCEINT	7.72	
435	642278.76	4180458.42	FENCEINT	7.74	
436	642278.88	4180453.45	FENCEINT	7.76	
437	642279.00	4180448.48	FENCEINT	7.78	
438	642279.12	4180443.51	FENCEINT	7.79	
439	642279.24	4180438.54	FENCEINT	7.80	
440	642279.36	4180433.57	FENCEINT	7.81	
441	642279.48	4180428.60	FENCEINT	7.82	
442	642279.60	4180423.63	FENCEINT	7.83	
443	642279.72	4180418.67	FENCEINT	7.84	
444	642279.84	4180413.70	FENCEINT	7.85	
445	642279.96	4180408.73	FENCEINT	7.87	
446	642280.08	4180403.76	FENCEINT	7.88	
447	642280.20	4180398.79	FENCEINT	7.89	
448	642280.32	4180393.82	FENCEINT	7.91	
449	642280.45	4180388.85	FENCEINT	7.93	

Receptor Pathway

AERMOD

450	642280.57	4180383.88	FENCEINT	7.95	
451	642280.69	4180378.91	FENCEINT	7.97	
452	642280.81	4180373.94	FENCEINT	7.99	
453	642280.93	4180368.97	FENCEINT	8.01	
454	642281.05	4180364.01	FENCEINT	8.02	
455	642281.17	4180359.04	FENCEINT	8.04	
456	642281.29	4180354.07	FENCEINT	8.06	
457	642281.41	4180349.10	FENCEINT	8.09	
458	642281.53	4180344.13	FENCEINT	8.10	
459	642281.65	4180339.16	FENCEINT	8.10	
460	642281.77	4180334.19	FENCEINT	8.11	
461	642281.89	4180329.22	FENCEINT	8.12	
462	642282.01	4180324.25	FENCEINT	8.13	
463	642282.13	4180319.28	FENCEINT	8.14	
464	642282.25	4180314.31	FENCEINT	8.15	
465	642282.37	4180309.35	FENCEINT	8.17	
466	642282.49	4180304.38	FENCEINT	8.18	
467	642282.61	4180299.41	FENCEINT	8.19	
468	642282.73	4180294.44	FENCEINT	8.20	
469	642282.85	4180289.47	FENCEINT	8.20	
470	642282.98	4180284.50	FENCEINT	8.21	
471	642283.10	4180279.53	FENCEINT	8.22	
472	642283.22	4180274.56	FENCEINT	8.23	
473	642283.34	4180269.59	FENCEINT	8.25	
474	642283.46	4180264.62	FENCEINT	8.27	
475	642283.58	4180259.66	FENCEINT	8.29	
476	642283.70	4180254.69	FENCEINT	8.32	
477	642283.82	4180249.72	FENCEINT	8.33	
478	642283.94	4180244.75	FENCEINT	8.34	
479	642284.06	4180239.78	FENCEINT	8.34	
480	642284.18	4180234.81	FENCEINT	8.35	
481	642284.30	4180229.84	FENCEINT	8.36	
482	642284.42	4180224.87	FENCEINT	8.37	
483	642284.54	4180219.90	FENCEINT	8.38	
484	642284.66	4180214.93	FENCEINT	8.39	
485	642284.78	4180209.96	FENCEINT	8.41	
486	642284.90	4180205.00	FENCEINT	8.44	
487	642285.02	4180200.03	FENCEINT	8.46	
488	642285.14	4180195.06	FENCEINT	8.48	
489	642285.26	4180190.09	FENCEINT	8.48	
490	642285.38	4180185.12	FENCEINT	8.49	

Receptor Pathway

AERMOD

491	642285.51	4180180.15	FENCEINT	8.50	
492	642285.63	4180175.18	FENCEINT	8.52	
493	642285.75	4180170.21	FENCEINT	8.54	
494	642285.87	4180165.24	FENCEINT	8.56	
495	642285.99	4180160.27	FENCEINT	8.59	
496	642286.11	4180155.30	FENCEINT	8.61	
497	642286.23	4180150.34	FENCEINT	8.63	
498	642286.35	4180145.37	FENCEINT	8.64	
499	642286.47	4180140.40	FENCEINT	8.66	
500	642286.59	4180135.43	FENCEINT	8.67	
501	642286.71	4180130.46	FENCEINT	8.70	
502	642286.83	4180125.49	FENCEINT	8.76	
503	642286.95	4180120.52	FENCEINT	8.81	
504	642287.07	4180115.55	FENCEINT	8.84	
505	642287.19	4180110.58	FENCEINT	8.87	
506	642287.31	4180105.61	FENCEINT	8.89	
507	642287.43	4180100.64	FENCEINT	8.92	
508	642287.55	4180095.68	FENCEINT	8.94	
509	642287.67	4180090.71	FENCEINT	8.96	
510	642287.79	4180085.74	FENCEINT	8.98	
511	642287.91	4180080.77	FENCEINT	9.00	
512	642288.03	4180075.80	FENCEINT	9.02	
513	642288.16	4180070.83	FENCEINT	9.04	
514	642288.28	4180065.86	FENCEINT	9.06	
515	642288.40	4180060.89	FENCEINT	9.07	
516	642288.52	4180055.92	FENCEINT	9.09	
517	642288.64	4180050.95	FENCEINT	9.11	
518	642288.76	4180045.99	FENCEINT	9.14	
519	642288.88	4180041.02	FENCEINT	9.16	
520	642289.00	4180036.05	FENCEINT	9.18	
521	642289.12	4180031.08	FENCEINT	9.20	
522	642289.24	4180026.11	FENCEINT	9.22	
523	642289.36	4180021.14	FENCEINT	9.23	
524	642289.48	4180016.17	FENCEINT	9.25	
525	642289.60	4180011.20	FENCEINT	9.27	
526	642289.72	4180006.23	FENCEINT	9.29	
527	642289.84	4180001.26	FENCEINT	9.31	
528	642289.96	4179996.29	FENCEINT	9.33	
529	642290.08	4179991.33	FENCEINT	9.35	
530	642290.20	4179986.36	FENCEINT	9.37	
531	642290.32	4179981.39	FENCEINT	9.38	

Receptor Pathway

AERMOD

532	642290.44	4179976.42	FENCEINT	9.40	
533	642290.56	4179971.45	FENCEINT	9.43	
534	642290.69	4179966.48	FENCEINT	9.44	
535	642290.81	4179961.51	FENCEINT	9.46	
536	642290.93	4179956.54	FENCEINT	9.48	
537	642291.05	4179951.57	FENCEINT	9.49	
538	642291.17	4179946.60	FENCEINT	9.51	
539	642291.29	4179941.63	FENCEINT	9.53	
540	642291.41	4179936.67	FENCEINT	9.55	
541	642291.53	4179931.70	FENCEINT	9.57	
542	642291.65	4179926.73	FENCEINT	9.59	
543	642291.77	4179921.76	FENCEINT	9.61	
544	642291.89	4179916.79	FENCEINT	9.63	
545	642292.01	4179911.82	FENCEINT	9.65	
546	642292.13	4179906.85	FENCEINT	9.66	
547	642292.25	4179901.88	FENCEINT	9.69	
548	642292.37	4179896.91	FENCEINT	9.71	
549	642292.49	4179891.94	FENCEINT	9.73	
550	642292.61	4179886.98	FENCEINT	9.75	
551	642292.73	4179882.01	FENCEINT	9.79	
552	642292.85	4179877.04	FENCEINT	9.83	
553	642292.97	4179872.07	FENCEINT	9.83	
554	642293.09	4179867.10	FENCEINT	9.82	
555	642293.21	4179862.13	FENCEINT	9.79	
556	642293.34	4179857.16	FENCEINT	9.77	
557	642293.46	4179852.19	FENCEINT	9.76	
558	642293.58	4179847.22	FENCEINT	9.78	
559	642293.70	4179842.25	FENCEINT	9.80	
560	642293.82	4179837.28	FENCEINT	9.82	
561	642293.94	4179832.32	FENCEINT	9.87	
562	642294.06	4179827.35	FENCEINT	9.93	
563	642294.18	4179822.38	FENCEINT	10.00	
564	642294.30	4179817.41	FENCEINT	10.09	
565	642294.42	4179812.44	FENCEINT	10.21	

Receptor Groups

Record Number	Group ID	Group Description
1	FENCEPRI	Cartesian plant boundary Primary Receptors
2	FENCEINT	Cartesian plant boundary Intermediate Receptors

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.SFC
 Format Type: Default AERMET format

Profile Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.PFL
 Format Type: Default AERMET format

Wind Speed



Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 14.00 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2004			Station ID 66666
Upper Air		2004			

Data Period

Data Period to Process

Start Date: 1/1/2004 Start Hour: 1 End Date: 12/31/2008 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00007	ug/m^3	r	642423.59	4180906.20	5.74	0.00	5.74	
PERIOD		0.00007	ug/m^3	r	642441.65	4180909.13	5.71	0.00	5.71	
PERIOD		0.00006	ug/m^3	r	642480.08	4180894.46	6.83	0.00	6.83	
PERIOD		0.00006	ug/m^3	r	642519.76	4180888.29	5.42	0.00	5.42	
PERIOD		0.00005	ug/m^3	r	642566.51	4180882.54	5.07	0.00	5.07	
PERIOD		0.00004	ug/m^3	r	642626.31	4180850.18	5.27	0.00	5.27	
PERIOD		0.00004	ug/m^3	r	642669.21	4180807.50	4.70	0.00	4.70	
PERIOD		0.00003	ug/m^3	r	642766.30	4180717.00	5.31	0.00	5.31	
PERIOD		0.00004	ug/m^3	r	642864.59	4180554.77	5.81	0.00	5.81	
PERIOD		0.00004	ug/m^3	r	642843.70	4180532.79	5.99	0.00	5.99	
PERIOD		0.00270	ug/m^3	r	642612.01	4179848.87	9.81	0.00	9.81	
PERIOD		0.00207	ug/m^3	r	642624.90	4179791.78	10.39	0.00	10.39	
PERIOD		0.00185	ug/m^3	r	642639.86	4179791.65	10.35	0.00	10.35	
PERIOD		0.00158	ug/m^3	r	642667.43	4179795.46	9.94	0.00	9.94	
PERIOD		0.00137	ug/m^3	r	642693.29	4179797.16	9.84	0.00	9.84	
PERIOD		0.00110	ug/m^3	r	642728.95	4179797.77	9.79	0.00	9.79	
PERIOD		0.00080	ug/m^3	r	642798.23	4179801.48	9.03	0.00	9.03	
PERIOD		0.00067	ug/m^3	r	642838.25	4179796.55	8.93	0.00	8.93	
PERIOD		0.00060	ug/m^3	r	642873.35	4179801.20	8.83	0.00	8.83	
PERIOD		0.00054	ug/m^3	r	642903.14	4179804.04	8.64	0.00	8.64	

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00052	ug/m^3	r	642861.85	4179877.44	8.79	0.00	8.79	
PERIOD		0.00042	ug/m^3	r	642915.46	4179883.14	9.24	0.00	9.24	
PERIOD		0.00043	ug/m^3	r	642889.34	4179922.70	8.80	0.00	8.80	
PERIOD		0.00035	ug/m^3	r	642916.53	4179957.30	8.35	0.00	8.35	
PERIOD		0.00043	ug/m^3	r	642846.92	4180017.86	8.29	0.00	8.29	
PERIOD		0.00030	ug/m^3	r	642969.73	4179932.63	8.53	0.00	8.53	
PERIOD		0.00028	ug/m^3	r	642984.82	4179936.19	8.37	0.00	8.37	
PERIOD		0.00026	ug/m^3	r	643006.43	4179931.45	8.58	0.00	8.58	
PERIOD		0.00027	ug/m^3	r	643027.44	4179882.32	8.62	0.00	8.62	
PERIOD		0.00050	ug/m^3	r	642942.74	4179809.51	8.49	0.00	8.49	
PERIOD		0.00042	ug/m^3	r	642986.00	4179809.05	8.33	0.00	8.33	
PERIOD		0.00038	ug/m^3	r	643009.48	4179802.10	8.33	0.00	8.33	
PERIOD		0.00029	ug/m^3	r	643092.88	4179800.30	7.67	0.00	7.67	
PERIOD		0.00030	ug/m^3	r	643107.73	4179811.01	7.72	0.00	7.72	
PERIOD		0.00028	ug/m^3	r	643138.65	4179813.25	8.23	0.00	8.23	
PERIOD		0.00026	ug/m^3	r	643123.91	4179779.64	8.25	0.00	8.25	
PERIOD		0.00023	ug/m^3	r	643160.42	4179780.20	8.27	0.00	8.27	
PERIOD		0.00022	ug/m^3	r	643175.36	4179761.55	8.29	0.00	8.29	
PERIOD		0.00023	ug/m^3	r	643163.42	4179763.67	8.32	0.00	8.32	
PERIOD		0.00024	ug/m^3	r	643139.64	4179753.74	8.35	0.00	8.35	
PERIOD		0.00024	ug/m^3	r	643144.44	4179746.59	8.39	0.00	8.39	

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AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00020	ug/m^3	r	643213.32	4179778.97	8.13	0.00	8.13	
PERIOD		0.00024	ug/m^3	r	643220.99	4179818.86	7.81	0.00	7.81	
PERIOD		0.00023	ug/m^3	r	643231.24	4179817.25	7.83	0.00	7.83	
PERIOD		0.00024	ug/m^3	r	643195.08	4179812.50	7.85	0.00	7.85	
PERIOD		0.00019	ug/m^3	r	643266.55	4179806.39	7.79	0.00	7.79	
PERIOD		0.00019	ug/m^3	r	643225.65	4179758.26	8.28	0.00	8.28	
PERIOD		0.00019	ug/m^3	r	643235.56	4179763.82	8.27	0.00	8.27	
PERIOD		0.00022	ug/m^3	r	643180.87	4179738.16	8.54	0.00	8.54	
PERIOD		0.00025	ug/m^3	r	643132.53	4179699.67	8.87	0.00	8.87	
PERIOD		0.00026	ug/m^3	r	643117.14	4179693.48	8.81	0.00	8.81	
PERIOD		0.00027	ug/m^3	r	643101.08	4179686.86	8.98	0.00	8.98	
PERIOD		0.00030	ug/m^3	r	643069.34	4179691.13	9.02	0.00	9.02	
PERIOD		0.00029	ug/m^3	r	643077.53	4179710.91	8.88	0.00	8.88	
PERIOD		0.00028	ug/m^3	r	643018.96	4179438.01	10.05	0.00	10.05	
PERIOD		0.00027	ug/m^3	r	643084.59	4179523.29	9.74	0.00	9.74	
PERIOD		0.00025	ug/m^3	r	643123.69	4179508.56	9.65	0.00	9.65	
PERIOD		0.00021	ug/m^3	r	643205.32	4179504.68	9.73	0.00	9.73	
PERIOD		0.00021	ug/m^3	r	643205.63	4179524.47	9.49	0.00	9.49	
PERIOD		0.00020	ug/m^3	r	643228.04	4179453.82	9.60	0.00	9.60	
PERIOD		0.00021	ug/m^3	r	643191.32	4179422.31	9.37	0.00	9.37	
PERIOD		0.00023	ug/m^3	r	643156.40	4179471.78	9.88	0.00	9.88	

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AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00018	ug/m^3	r	643267.56	4179525.34	9.42	0.00	9.42	
PERIOD		0.00019	ug/m^3	r	643239.54	4179565.68	9.28	0.00	9.28	
PERIOD		0.00018	ug/m^3	r	643269.96	4179568.47	9.13	0.00	9.13	
PERIOD		0.00018	ug/m^3	r	643276.56	4179548.69	9.25	0.00	9.25	
PERIOD		0.00017	ug/m^3	r	643304.54	4179598.63	8.34	0.00	8.34	
PERIOD		0.00021	ug/m^3	r	643198.44	4179596.54	9.10	0.00	9.10	
PERIOD		0.00023	ug/m^3	r	643165.27	4179587.66	9.05	0.00	9.05	
PERIOD		0.00017	ug/m^3	r	643279.62	4179642.39	8.41	0.00	8.41	
PERIOD		0.00015	ug/m^3	r	643342.12	4179677.63	8.40	0.00	8.40	
PERIOD		0.00014	ug/m^3	r	643365.52	4179686.82	8.14	0.00	8.14	
PERIOD		0.00012	ug/m^3	r	643412.02	4179712.59	8.03	0.00	8.03	
PERIOD		0.00012	ug/m^3	r	643426.83	4179720.88	8.06	0.00	8.06	
PERIOD		0.00012	ug/m^3	r	643443.06	4179763.53	7.71	0.00	7.71	
PERIOD		0.00012	ug/m^3	r	643462.19	4179738.10	7.72	0.00	7.72	
PERIOD		0.00012	ug/m^3	r	643477.05	4179744.65	7.75	0.00	7.75	
PERIOD		0.00015	ug/m^3	r	643609.19	4179779.40	6.99	0.00	6.99	
PERIOD		0.00016	ug/m^3	r	643581.34	4179779.40	7.10	0.00	7.10	
PERIOD		0.00011	ug/m^3	r	643486.28	4179690.48	7.69	0.00	7.69	
PERIOD		0.00011	ug/m^3	r	643461.70	4179683.07	7.85	0.00	7.85	
PERIOD		0.00012	ug/m^3	r	643435.58	4179649.08	7.89	0.00	7.89	
PERIOD		0.00012	ug/m^3	r	643445.96	4179656.83	7.86	0.00	7.86	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00012	ug/m^3	r	643433.08	4179668.66	7.88	0.00	7.88	
PERIOD		0.00011	ug/m^3	r	643472.43	4179636.73	7.74	0.00	7.74	
PERIOD		0.00012	ug/m^3	r	643467.63	4179586.55	7.66	0.00	7.66	
PERIOD		0.00012	ug/m^3	r	643474.60	4179575.24	7.82	0.00	7.82	
PERIOD		0.00012	ug/m^3	r	643488.40	4179549.74	7.60	0.00	7.60	
PERIOD		0.00004	ug/m^3	r	644226.05	4179433.08	7.30	0.00	7.30	
PERIOD		0.00013	ug/m^3	r	643856.00	4179782.95	6.39	0.00	6.39	
PERIOD		0.00012	ug/m^3	r	643894.54	4179783.96	6.19	0.00	6.19	
PERIOD		0.00010	ug/m^3	r	643904.86	4179771.37	6.11	0.00	6.11	
PERIOD		0.00008	ug/m^3	r	643902.09	4179750.97	6.08	0.00	6.08	
PERIOD		0.00006	ug/m^3	r	643884.46	4179690.78	6.26	0.00	6.26	
PERIOD		0.00006	ug/m^3	r	643988.56	4178601.40	11.42	0.00	11.42	
PERIOD		0.00006	ug/m^3	r	643970.67	4178600.51	11.44	0.00	11.44	
PERIOD		0.00006	ug/m^3	r	643953.35	4178599.84	11.46	0.00	11.46	
PERIOD		0.00006	ug/m^3	r	643940.61	4178583.63	11.57	0.00	11.57	
PERIOD		0.00006	ug/m^3	r	643898.25	4178561.06	11.56	0.00	11.56	
PERIOD		0.00006	ug/m^3	r	643882.49	4178560.50	11.54	0.00	11.54	
PERIOD		0.00006	ug/m^3	r	643868.08	4178560.61	11.50	0.00	11.50	
PERIOD		0.00006	ug/m^3	r	643850.61	4178477.15	12.36	0.00	12.36	
PERIOD		0.00006	ug/m^3	r	643802.93	4178519.25	11.99	0.00	11.99	
PERIOD		0.00005	ug/m^3	r	643566.21	4178374.81	12.85	0.00	12.85	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00006	ug/m^3	r	642899.11	4178625.63	13.25	0.00	13.25	
PERIOD		0.00006	ug/m^3	r	642861.77	4178630.37	13.35	0.00	13.35	
PERIOD		0.00003	ug/m^3	r	642634.32	4178208.71	14.34	0.00	14.34	
PERIOD		0.00003	ug/m^3	r	642761.13	4178115.10	14.42	0.00	14.42	
PERIOD		0.00002	ug/m^3	r	642021.23	4178205.01	14.76	0.00	14.76	
PERIOD		0.00002	ug/m^3	r	641455.17	4178051.75	15.53	0.00	15.53	
PERIOD		0.00002	ug/m^3	r	640663.35	4177956.52	16.03	0.00	16.03	
PERIOD		0.00002	ug/m^3	r	640591.80	4177954.95	16.27	0.00	16.27	
PERIOD		0.00002	ug/m^3	r	640596.52	4177721.41	16.97	0.00	16.97	
PERIOD		0.00002	ug/m^3	r	640657.83	4177883.48	16.30	0.00	16.30	
PERIOD		0.00002	ug/m^3	r	640682.46	4177911.49	16.15	0.00	16.15	
PERIOD		0.00002	ug/m^3	r	640695.49	4177909.55	16.19	0.00	16.19	
PERIOD		0.00002	ug/m^3	r	640717.22	4177907.62	16.19	0.00	16.19	
PERIOD		0.00002	ug/m^3	r	640718.67	4177867.06	16.41	0.00	16.41	
PERIOD		0.00002	ug/m^3	r	640699.36	4177856.92	16.47	0.00	16.47	
PERIOD		0.00002	ug/m^3	r	640661.69	4177868.02	16.36	0.00	16.36	
PERIOD		0.00002	ug/m^3	r	640679.07	4177800.90	16.71	0.00	16.71	
PERIOD		0.00002	ug/m^3	r	640699.84	4177807.66	16.56	0.00	16.56	
PERIOD		0.00002	ug/m^3	r	640721.09	4177809.59	16.64	0.00	16.64	
PERIOD		0.00002	ug/m^3	r	640660.72	4177772.41	16.71	0.00	16.71	
PERIOD		0.00002	ug/m^3	r	640702.74	4177753.09	16.93	0.00	16.93	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00002	ug/m^3	r	640669.42	4177758.89	16.73	0.00	16.73	
PERIOD		0.00002	ug/m^3	r	640743.35	4177756.71	16.91	0.00	16.91	
PERIOD		0.00002	ug/m^3	r	640801.27	4177764.04	16.95	0.00	16.95	
PERIOD		0.00002	ug/m^3	r	640850.11	4177764.04	16.95	0.00	16.95	
PERIOD		0.00002	ug/m^3	r	640883.26	4177755.67	16.90	0.00	16.90	
PERIOD		0.00002	ug/m^3	r	640884.30	4177764.39	16.93	0.00	16.93	
PERIOD		0.00002	ug/m^3	r	640885.00	4177773.81	16.93	0.00	16.93	
PERIOD		0.00002	ug/m^3	r	640885.00	4177782.53	16.93	0.00	16.93	
PERIOD		0.00002	ug/m^3	r	640883.26	4177791.95	16.90	0.00	16.90	
PERIOD		0.00002	ug/m^3	r	640916.40	4177756.36	16.97	0.00	16.97	
PERIOD		0.00002	ug/m^3	r	640946.76	4177754.97	16.87	0.00	16.87	
PERIOD		0.00002	ug/m^3	r	640947.11	4177767.88	16.73	0.00	16.73	
PERIOD		0.00002	ug/m^3	r	640916.75	4177765.78	16.94	0.00	16.94	
PERIOD		0.00002	ug/m^3	r	640946.06	4177777.65	16.71	0.00	16.71	
PERIOD		0.00002	ug/m^3	r	640917.80	4177775.20	16.88	0.00	16.88	
PERIOD		0.00002	ug/m^3	r	640945.36	4177787.42	16.70	0.00	16.70	
PERIOD		0.00002	ug/m^3	r	640917.80	4177784.97	16.88	0.00	16.88	
PERIOD		0.00002	ug/m^3	r	640914.31	4177804.16	16.85	0.00	16.85	
PERIOD		0.00002	ug/m^3	r	640916.40	4177794.39	16.87	0.00	16.87	
PERIOD		0.00002	ug/m^3	r	640943.62	4177804.86	16.66	0.00	16.66	
PERIOD		0.00002	ug/m^3	r	640945.71	4177795.79	16.69	0.00	16.69	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00002	ug/m^3	r	640979.90	4177758.81	16.68	0.00	16.68	
PERIOD		0.00002	ug/m^3	r	640978.16	4177769.27	16.64	0.00	16.64	
PERIOD		0.00002	ug/m^3	r	640976.41	4177776.95	16.63	0.00	16.63	
PERIOD		0.00002	ug/m^3	r	640978.16	4177792.30	16.53	0.00	16.53	
PERIOD		0.00002	ug/m^3	r	640978.85	4177801.02	16.50	0.00	16.50	
PERIOD		0.00002	ug/m^3	r	640977.81	4177809.40	16.48	0.00	16.48	
PERIOD		0.00002	ug/m^3	r	640978.51	4177820.56	16.46	0.00	16.46	
PERIOD		0.00002	ug/m^3	r	640977.81	4177828.59	16.44	0.00	16.44	
PERIOD		0.00002	ug/m^3	r	640879.77	4177800.67	16.84	0.00	16.84	
PERIOD		0.00002	ug/m^3	r	640883.61	4177813.23	16.81	0.00	16.81	
PERIOD		0.00002	ug/m^3	r	640885.35	4177824.75	16.84	0.00	16.84	
PERIOD		0.00002	ug/m^3	r	640915.24	4177814.31	16.81	0.00	16.81	
PERIOD		0.00002	ug/m^3	r	640945.30	4177816.13	16.60	0.00	16.60	
PERIOD		0.00002	ug/m^3	r	640947.12	4177825.60	16.60	0.00	16.60	
PERIOD		0.00002	ug/m^3	r	640915.97	4177824.87	16.78	0.00	16.78	
PERIOD		0.00002	ug/m^3	r	640916.34	4177835.07	16.75	0.00	16.75	
PERIOD		0.00002	ug/m^3	r	640946.57	4177835.98	16.57	0.00	16.57	
PERIOD		0.00002	ug/m^3	r	640946.75	4177845.63	16.52	0.00	16.52	
PERIOD		0.00002	ug/m^3	r	640915.61	4177844.18	16.73	0.00	16.73	
PERIOD		0.00002	ug/m^3	r	640879.91	4177832.52	16.80	0.00	16.80	
PERIOD		0.00002	ug/m^3	r	640885.19	4177842.36	16.74	0.00	16.74	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00002	ug/m^3	r	640884.46	4177851.64	16.68	0.00	16.68	
PERIOD		0.00002	ug/m^3	r	640916.34	4177852.74	16.71	0.00	16.71	
PERIOD		0.00002	ug/m^3	r	640945.30	4177854.74	16.47	0.00	16.47	
PERIOD		0.00002	ug/m^3	r	640945.48	4177863.12	16.45	0.00	16.45	
PERIOD		0.00002	ug/m^3	r	640915.06	4177861.30	16.67	0.00	16.67	
PERIOD		0.00002	ug/m^3	r	640883.19	4177861.12	16.61	0.00	16.61	
PERIOD		0.00002	ug/m^3	r	640883.92	4177871.31	16.54	0.00	16.54	
PERIOD		0.00002	ug/m^3	r	640885.38	4177879.87	16.49	0.00	16.49	
PERIOD		0.00002	ug/m^3	r	640883.19	4177890.80	16.49	0.00	16.49	
PERIOD		0.00002	ug/m^3	r	640915.97	4177871.68	16.61	0.00	16.61	
PERIOD		0.00002	ug/m^3	r	640914.88	4177881.70	16.58	0.00	16.58	
PERIOD		0.00002	ug/m^3	r	640944.20	4177871.86	16.44	0.00	16.44	
PERIOD		0.00002	ug/m^3	r	640945.30	4177883.15	16.39	0.00	16.39	
PERIOD		0.00002	ug/m^3	r	640944.57	4177893.17	16.37	0.00	16.37	
PERIOD		0.00002	ug/m^3	r	640913.61	4177888.98	16.55	0.00	16.55	
PERIOD		0.00002	ug/m^3	r	640913.61	4177898.82	16.54	0.00	16.54	
PERIOD		0.00003	ug/m^3	r	640944.20	4177902.46	16.38	0.00	16.38	
PERIOD		0.00002	ug/m^3	r	640911.97	4177907.92	16.48	0.00	16.48	
PERIOD		0.00003	ug/m^3	r	640944.75	4177911.02	16.35	0.00	16.35	
PERIOD		0.00003	ug/m^3	r	640975.17	4177909.38	16.22	0.00	16.22	
PERIOD		0.00003	ug/m^3	r	640976.99	4177900.64	16.25	0.00	16.25	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00003	ug/m^3	r	640976.62	4177891.35	16.28	0.00	16.28	
PERIOD		0.00003	ug/m^3	r	640978.44	4177881.51	16.26	0.00	16.26	
PERIOD		0.00003	ug/m^3	r	640978.26	4177870.77	16.30	0.00	16.30	
PERIOD		0.00002	ug/m^3	r	640980.08	4177860.39	16.31	0.00	16.31	
PERIOD		0.00002	ug/m^3	r	640979.17	4177841.08	16.36	0.00	16.36	
PERIOD		0.00002	ug/m^3	r	641027.15	4177771.72	16.80	0.00	16.80	
PERIOD		0.00002	ug/m^3	r	641097.01	4177769.15	16.46	0.00	16.46	
PERIOD		0.00002	ug/m^3	r	641050.94	4177776.86	16.58	0.00	16.58	
PERIOD		0.00002	ug/m^3	r	641106.22	4177834.93	16.34	0.00	16.34	
PERIOD		0.00003	ug/m^3	r	641112.42	4177909.52	15.89	0.00	15.89	
PERIOD		0.00003	ug/m^3	r	641020.43	4177904.78	16.35	0.00	16.35	
PERIOD		0.00003	ug/m^3	r	641092.38	4177966.96	15.79	0.00	15.79	
PERIOD		0.00002	ug/m^3	r	640555.64	4178224.82	14.68	0.00	14.68	
PERIOD		0.00002	ug/m^3	r	640382.10	4178168.75	15.06	0.00	15.06	
PERIOD		0.00002	ug/m^3	r	640295.47	4178186.85	14.80	0.00	14.80	
PERIOD		0.00002	ug/m^3	r	640289.24	4178169.94	14.93	0.00	24.59	
PERIOD		0.00002	ug/m^3	r	640520.34	4178237.28	14.56	0.00	14.56	
PERIOD		0.00002	ug/m^3	r	640568.99	4178242.62	14.68	0.00	14.68	
PERIOD		0.00047	ug/m^3	r	642421.71	4179614.03	11.33	0.00	11.33	
PERIOD		0.00039	ug/m^3	r	642419.19	4179586.04	11.55	0.00	11.55	
PERIOD		0.00009	ug/m^3	r	641230.76	4179694.87	11.83	0.00	11.83	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00016	ug/m^3	r	641806.79	4179870.63	10.26	0.00	10.26	
PERIOD		0.00018	ug/m^3	r	641825.54	4179856.53	10.36	0.00	10.36	
PERIOD		0.00008	ug/m^3	r	641492.88	4179824.18	10.67	0.00	10.67	
PERIOD		0.00008	ug/m^3	r	641482.98	4179806.49	10.62	0.00	10.62	
PERIOD		0.00008	ug/m^3	r	641401.40	4179805.19	10.73	0.00	10.73	
PERIOD		0.00007	ug/m^3	r	641322.12	4179800.31	10.62	0.00	10.62	
PERIOD		0.00006	ug/m^3	r	641199.49	4179789.22	10.67	0.00	10.67	
PERIOD		0.00006	ug/m^3	r	641226.51	4179799.31	10.67	0.00	10.67	
PERIOD		0.00006	ug/m^3	r	641254.87	4179804.73	10.50	0.00	10.50	
PERIOD		0.00007	ug/m^3	r	641284.46	4179798.64	10.58	0.00	10.58	
PERIOD		0.00004	ug/m^3	r	640672.91	4179804.60	10.57	0.00	10.57	
PERIOD		0.00004	ug/m^3	r	640909.50	4179873.06	10.45	0.00	10.45	
PERIOD		0.00003	ug/m^3	r	640576.50	4179834.99	10.64	0.00	10.64	
PERIOD		0.00003	ug/m^3	r	640471.40	4179791.88	10.57	0.00	10.57	
PERIOD		0.00004	ug/m^3	r	640443.73	4179783.09	10.83	0.00	10.83	
PERIOD		0.00003	ug/m^3	r	640490.06	4179808.83	10.59	0.00	10.59	
PERIOD		0.00009	ug/m^3	r	640298.17	4179708.55	10.87	0.00	10.87	
PERIOD		0.00002	ug/m^3	r	642150.64	4181339.61	4.85	0.00	4.85	
PERIOD		0.00002	ug/m^3	r	642186.00	4181418.01	7.29	0.00	7.29	
PERIOD		0.00002	ug/m^3	r	642076.74	4181423.01	4.93	0.00	4.93	
PERIOD		0.00002	ug/m^3	r	642050.52	4181423.14	4.58	0.00	4.58	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00002	ug/m^3	r	642015.47	4181420.37	4.60	0.00	4.60	
PERIOD		0.00002	ug/m^3	r	642015.07	4181445.02	4.71	0.00	4.71	
PERIOD		0.00001	ug/m^3	r	642806.07	4181128.16	4.97	0.00	4.97	
PERIOD		0.00001	ug/m^3	r	643211.49	4181300.90	4.80	0.00	4.80	
PERIOD		0.00001	ug/m^3	r	643199.12	4181323.37	4.79	0.00	4.79	
PERIOD		0.00001	ug/m^3	r	643298.61	4181300.90	4.44	0.00	4.44	
PERIOD		0.00001	ug/m^3	r	643326.13	4181311.50	4.53	0.00	4.53	
PERIOD		0.00001	ug/m^3	r	643346.84	4181318.07	4.50	0.00	4.50	
PERIOD		0.00001	ug/m^3	r	643321.08	4181355.19	5.00	0.00	5.00	
PERIOD		0.00001	ug/m^3	r	643007.36	4181415.17	5.45	0.00	5.45	
PERIOD		0.00001	ug/m^3	r	643051.46	4181483.78	5.49	0.00	5.49	
PERIOD		0.00001	ug/m^3	r	643044.62	4181536.90	5.24	0.00	5.24	
PERIOD		0.00001	ug/m^3	r	643074.82	4181735.00	4.31	0.00	4.31	
PERIOD		0.00001	ug/m^3	r	643086.22	4182094.01	4.58	0.00	4.58	
PERIOD		0.00001	ug/m^3	r	643112.32	4182105.50	4.56	0.00	4.56	
PERIOD		0.00000	ug/m^3	r	643546.53	4181985.18	4.06	0.00	4.06	
PERIOD		0.00000	ug/m^3	r	643513.62	4181994.64	3.90	0.00	3.90	
PERIOD		0.00000	ug/m^3	r	643562.16	4182026.32	4.07	0.00	4.07	
PERIOD		0.00000	ug/m^3	r	643691.88	4181951.64	4.69	0.00	4.69	
PERIOD		0.00000	ug/m^3	r	644094.39	4181935.13	4.86	0.00	4.86	
PERIOD		0.00000	ug/m^3	r	644141.12	4181899.90	4.90	0.00	4.90	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

AERMOD View by Lakes Environmental Software

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00000	ug/m^3	r	644267.45	4181934.22	4.95	0.00	4.95	
PERIOD		0.00000	ug/m^3	r	644287.49	4181943.88	4.85	0.00	4.85	
PERIOD		0.00000	ug/m^3	r	644292.76	4181965.65	4.78	0.00	4.78	
PERIOD		0.00000	ug/m^3	r	644292.05	4182056.81	6.89	0.00	6.89	
PERIOD		0.00001	ug/m^3	r	642259.02	4181880.67	7.16	0.00	7.16	
PERIOD		0.00001	ug/m^3	r	642310.80	4181936.64	7.27	0.00	7.27	
PERIOD		0.00001	ug/m^3	r	642273.02	4181956.93	7.39	0.00	7.39	
PERIOD		0.00001	ug/m^3	r	642495.22	4182060.53	5.17	0.00	5.17	
PERIOD		0.00001	ug/m^3	r	642520.63	4182128.95	4.82	0.00	4.82	
PERIOD		0.00001	ug/m^3	r	642460.07	4182152.93	4.89	0.00	4.89	
PERIOD		0.00001	ug/m^3	r	642395.94	4182171.85	4.89	0.00	4.89	
PERIOD		0.00001	ug/m^3	r	642354.64	4182180.55	4.85	0.00	4.85	
PERIOD		0.00001	ug/m^3	r	642309.47	4182187.07	4.89	0.00	4.89	
PERIOD		0.00001	ug/m^3	r	642280.75	4182195.60	5.04	0.00	5.04	
PERIOD		0.00001	ug/m^3	r	642284.96	4182251.52	5.06	0.00	5.06	
PERIOD		0.00001	ug/m^3	r	642294.26	4182270.05	5.02	0.00	5.02	
PERIOD		0.00001	ug/m^3	r	642091.45	4182315.72	5.07	0.00	5.07	
PERIOD		0.00001	ug/m^3	r	641887.74	4182399.30	5.07	0.00	5.07	
PERIOD		0.00002	ug/m^3	r	641273.71	4181787.58	6.87	0.00	6.87	
PERIOD		0.00002	ug/m^3	r	641291.66	4181761.78	6.62	0.00	6.62	
PERIOD		0.00003	ug/m^3	r	641217.11	4181351.16	5.94	0.00	5.94	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00002	ug/m^3	r	640660.60	4181335.03	6.14	0.00	6.14	
PERIOD		0.00002	ug/m^3	r	640788.06	4181343.64	5.94	0.00	5.94	
PERIOD		0.00002	ug/m^3	r	640803.39	4181338.45	5.94	0.00	5.94	
PERIOD		0.00002	ug/m^3	r	640649.98	4181397.27	5.41	0.00	5.41	
PERIOD		0.00001	ug/m^3	r	640648.73	4182240.43	4.11	0.00	4.11	
PERIOD		0.00002	ug/m^3	r	640586.47	4181956.43	4.05	0.00	4.05	
PERIOD		0.00002	ug/m^3	r	640547.21	4181955.64	4.18	0.00	4.18	
PERIOD		0.00003	ug/m^3	r	643437.92	4180843.06	2.54	0.00	2.54	
PERIOD		0.00004	ug/m^3	r	643481.97	4180898.97	2.54	0.00	2.54	
PERIOD		0.00002	ug/m^3	r	643433.96	4180777.27	2.63	0.00	2.63	
PERIOD		0.00002	ug/m^3	r	643661.26	4180799.81	3.40	0.00	3.40	
PERIOD		0.00008	ug/m^3	r	643358.63	4179948.56	7.24	0.00	7.24	
PERIOD		0.00009	ug/m^3	r	643364.90	4179934.14	7.30	0.00	7.30	
PERIOD		0.00006	ug/m^3	r	643369.06	4180042.08	8.11	0.00	8.11	
PERIOD		0.00005	ug/m^3	r	643467.43	4180035.35	8.23	0.00	8.23	
PERIOD		0.00007	ug/m^3	r	643303.09	4180066.52	6.80	0.00	6.80	
PERIOD		0.00006	ug/m^3	r	643292.53	4180113.09	6.82	0.00	6.82	
PERIOD		0.00006	ug/m^3	r	643351.83	4180094.85	6.59	0.00	6.59	
PERIOD		0.00004	ug/m^3	r	643450.64	4180097.01	6.22	0.00	6.22	
PERIOD		0.00004	ug/m^3	r	643491.34	4180094.80	7.11	0.00	7.11	
PERIOD		0.00004	ug/m^3	r	643349.76	4180163.14	6.28	0.00	6.28	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00003	ug/m^3	r	643408.25	4180231.85	5.77	0.00	5.77	
PERIOD		0.00003	ug/m^3	r	643467.32	4180253.70	5.80	0.00	5.80	
PERIOD		0.00002	ug/m^3	r	643521.65	4180278.59	5.50	0.00	5.50	
PERIOD		0.00002	ug/m^3	r	643572.31	4180303.75	5.37	0.00	5.37	
PERIOD		0.00002	ug/m^3	r	643533.46	4180366.45	5.09	0.00	5.09	
PERIOD		0.00002	ug/m^3	r	643621.79	4180419.99	8.03	0.00	8.03	
PERIOD		0.00002	ug/m^3	r	643700.62	4180460.54	7.92	0.00	7.92	
PERIOD		0.00001	ug/m^3	r	643875.45	4180553.54	7.92	0.00	7.92	
PERIOD		0.00015	ug/m^3	r	643262.17	4179872.86	7.65	0.00	7.65	
PERIOD		0.00004	ug/m^3	r	644358.55	4178997.60	8.74	0.00	8.74	
PERIOD		0.00004	ug/m^3	r	644360.03	4179117.34	8.37	0.00	8.37	
PERIOD		0.00004	ug/m^3	r	644400.66	4179118.33	8.38	0.00	8.38	
PERIOD		0.00004	ug/m^3	r	644391.43	4179183.34	8.30	0.00	8.30	
PERIOD		0.00004	ug/m^3	r	644346.19	4179235.67	8.00	0.00	8.00	
PERIOD		0.00004	ug/m^3	r	644358.03	4179295.58	7.62	0.00	7.62	
PERIOD		0.00004	ug/m^3	r	644377.37	4179348.51	7.39	0.00	7.39	
PERIOD		0.00004	ug/m^3	r	644370.04	4179426.85	7.14	0.00	7.14	
PERIOD		0.00004	ug/m^3	r	644366.28	4179467.77	6.98	0.00	6.98	
PERIOD		0.00004	ug/m^3	r	644392.01	4179558.11	6.89	0.00	6.89	
PERIOD		0.00004	ug/m^3	r	644363.59	4179543.35	6.81	0.00	6.81	
PERIOD		0.00004	ug/m^3	r	644353.27	4179624.50	6.82	0.00	6.82	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00004	ug/m^3	r	644348.20	4179699.91	6.66	0.00	6.66	
PERIOD		0.00008	ug/m^3	r	644350.67	4179777.56	6.55	0.00	6.55	
PERIOD		0.00030	ug/m^3	s	643056.95	4179847.93	8.07	0.00	8.07	
PERIOD		0.00020	ug/m^3	s	643249.62	4179856.27	7.72	0.00	7.72	
PERIOD		0.00010	ug/m^3	s	643244.70	4179977.45	7.48	0.00	7.48	
PERIOD		0.00008	ug/m^3	s	643320.11	4179981.67	7.10	0.00	7.10	
PERIOD		0.00007	ug/m^3	s	643317.62	4180052.81	6.83	0.00	6.83	
PERIOD		0.00016	ug/m^3	s	643048.31	4180042.53	7.22	0.00	7.22	
PERIOD		0.00030	ug/m^3	s	643061.89	4179848.14	7.88	0.00	7.88	
PERIOD		0.00029	ug/m^3	s	643066.83	4179848.36	7.82	0.00	7.82	
PERIOD		0.00029	ug/m^3	s	643071.77	4179848.57	7.83	0.00	7.83	
PERIOD		0.00029	ug/m^3	s	643076.71	4179848.79	7.80	0.00	7.80	
PERIOD		0.00028	ug/m^3	s	643081.65	4179849.00	7.76	0.00	7.76	
PERIOD		0.00028	ug/m^3	s	643086.59	4179849.21	7.74	0.00	7.74	
PERIOD		0.00028	ug/m^3	s	643091.53	4179849.43	7.72	0.00	7.72	
PERIOD		0.00027	ug/m^3	s	643096.47	4179849.64	7.71	0.00	7.71	
PERIOD		0.00027	ug/m^3	s	643101.41	4179849.85	7.70	0.00	7.70	
PERIOD		0.00026	ug/m^3	s	643106.35	4179850.07	7.70	0.00	7.70	
PERIOD		0.00026	ug/m^3	s	643111.29	4179850.28	7.73	0.00	7.73	
PERIOD		0.00026	ug/m^3	s	643116.23	4179850.50	7.74	0.00	7.74	
PERIOD		0.00025	ug/m^3	s	643121.17	4179850.71	7.75	0.00	7.75	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00025	ug/m^3	s	643126.11	4179850.92	7.75	0.00	7.75	
PERIOD		0.00025	ug/m^3	s	643131.05	4179851.14	7.75	0.00	7.75	
PERIOD		0.00025	ug/m^3	s	643135.99	4179851.35	7.76	0.00	7.76	
PERIOD		0.00024	ug/m^3	s	643140.93	4179851.57	7.75	0.00	7.75	
PERIOD		0.00024	ug/m^3	s	643145.87	4179851.78	7.74	0.00	7.74	
PERIOD		0.00024	ug/m^3	s	643150.81	4179851.99	7.77	0.00	7.77	
PERIOD		0.00024	ug/m^3	s	643155.76	4179852.21	7.81	0.00	7.81	
PERIOD		0.00023	ug/m^3	s	643160.70	4179852.42	7.85	0.00	7.85	
PERIOD		0.00023	ug/m^3	s	643165.64	4179852.63	7.87	0.00	7.87	
PERIOD		0.00023	ug/m^3	s	643170.58	4179852.85	7.88	0.00	7.88	
PERIOD		0.00023	ug/m^3	s	643175.52	4179853.06	7.87	0.00	7.87	
PERIOD		0.00022	ug/m^3	s	643180.46	4179853.28	7.87	0.00	7.87	
PERIOD		0.00022	ug/m^3	s	643185.40	4179853.49	7.88	0.00	7.88	
PERIOD		0.00022	ug/m^3	s	643190.34	4179853.70	7.87	0.00	7.87	
PERIOD		0.00021	ug/m^3	s	643195.28	4179853.92	7.87	0.00	7.87	
PERIOD		0.00021	ug/m^3	s	643200.22	4179854.13	7.86	0.00	7.86	
PERIOD		0.00021	ug/m^3	s	643205.16	4179854.35	7.86	0.00	7.86	
PERIOD		0.00021	ug/m^3	s	643210.10	4179854.56	7.86	0.00	7.86	
PERIOD		0.00021	ug/m^3	s	643215.04	4179854.77	7.85	0.00	7.85	
PERIOD		0.00021	ug/m^3	s	643219.98	4179854.99	7.83	0.00	7.83	
PERIOD		0.00021	ug/m^3	s	643224.92	4179855.20	7.82	0.00	7.82	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00020	ug/m^3	s	643229.86	4179855.41	7.80	0.00	7.80	
PERIOD		0.00020	ug/m^3	s	643234.80	4179855.63	7.79	0.00	7.79	
PERIOD		0.00020	ug/m^3	s	643239.74	4179855.84	7.77	0.00	7.77	
PERIOD		0.00020	ug/m^3	s	643244.68	4179856.06	7.74	0.00	7.74	
PERIOD		0.00017	ug/m^3	s	643249.42	4179861.12	7.68	0.00	7.68	
PERIOD		0.00016	ug/m^3	s	643249.23	4179865.96	7.67	0.00	7.67	
PERIOD		0.00015	ug/m^3	s	643249.03	4179870.81	7.66	0.00	7.66	
PERIOD		0.00015	ug/m^3	s	643248.83	4179875.66	7.65	0.00	7.65	
PERIOD		0.00014	ug/m^3	s	643248.64	4179880.51	7.64	0.00	7.64	
PERIOD		0.00014	ug/m^3	s	643248.44	4179885.35	7.63	0.00	7.63	
PERIOD		0.00014	ug/m^3	s	643248.24	4179890.20	7.63	0.00	7.63	
PERIOD		0.00013	ug/m^3	s	643248.05	4179895.05	7.63	0.00	7.63	
PERIOD		0.00013	ug/m^3	s	643247.85	4179899.89	7.63	0.00	7.63	
PERIOD		0.00013	ug/m^3	s	643247.65	4179904.74	7.64	0.00	7.64	
PERIOD		0.00013	ug/m^3	s	643247.46	4179909.59	7.64	0.00	7.64	
PERIOD		0.00012	ug/m^3	s	643247.26	4179914.44	7.66	0.00	7.66	
PERIOD		0.00012	ug/m^3	s	643247.06	4179919.28	7.69	0.00	7.69	
PERIOD		0.00012	ug/m^3	s	643246.86	4179924.13	7.71	0.00	7.71	
PERIOD		0.00012	ug/m^3	s	643246.67	4179928.98	7.67	0.00	7.67	
PERIOD		0.00012	ug/m^3	s	643246.47	4179933.83	7.64	0.00	7.64	
PERIOD		0.00011	ug/m^3	s	643246.27	4179938.67	7.62	0.00	7.62	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00011	ug/m^3	s	643246.08	4179943.52	7.59	0.00	7.59	
PERIOD		0.00011	ug/m^3	s	643245.88	4179948.37	7.56	0.00	7.56	
PERIOD		0.00011	ug/m^3	s	643245.68	4179953.21	7.53	0.00	7.53	
PERIOD		0.00011	ug/m^3	s	643245.49	4179958.06	7.50	0.00	7.50	
PERIOD		0.00011	ug/m^3	s	643245.29	4179962.91	7.48	0.00	7.48	
PERIOD		0.00011	ug/m^3	s	643245.09	4179967.76	7.48	0.00	7.48	
PERIOD		0.00010	ug/m^3	s	643244.90	4179972.60	7.48	0.00	7.48	
PERIOD		0.00010	ug/m^3	s	643249.41	4179977.71	7.48	0.00	7.48	
PERIOD		0.00010	ug/m^3	s	643254.13	4179977.98	7.45	0.00	7.45	
PERIOD		0.00010	ug/m^3	s	643258.84	4179978.24	7.42	0.00	7.42	
PERIOD		0.00010	ug/m^3	s	643263.55	4179978.51	7.37	0.00	7.37	
PERIOD		0.00010	ug/m^3	s	643268.27	4179978.77	7.32	0.00	7.32	
PERIOD		0.00009	ug/m^3	s	643272.98	4179979.03	7.28	0.00	7.28	
PERIOD		0.00009	ug/m^3	s	643277.69	4179979.30	7.23	0.00	7.23	
PERIOD		0.00009	ug/m^3	s	643282.41	4179979.56	7.19	0.00	7.19	
PERIOD		0.00009	ug/m^3	s	643287.12	4179979.82	7.15	0.00	7.15	
PERIOD		0.00009	ug/m^3	s	643291.83	4179980.09	7.11	0.00	7.11	
PERIOD		0.00009	ug/m^3	s	643296.54	4179980.35	7.08	0.00	7.08	
PERIOD		0.00009	ug/m^3	s	643301.26	4179980.62	7.07	0.00	7.07	
PERIOD		0.00009	ug/m^3	s	643305.97	4179980.88	7.07	0.00	7.07	
PERIOD		0.00009	ug/m^3	s	643310.68	4179981.14	7.07	0.00	7.07	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

AERMOD View by Lakes Environmental Software

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00008	ug/m^3	s	643315.40	4179981.41	7.08	0.00	7.08	
PERIOD		0.00008	ug/m^3	s	643319.94	4179986.41	7.15	0.00	7.15	
PERIOD		0.00008	ug/m^3	s	643319.78	4179991.16	7.11	0.00	7.11	
PERIOD		0.00008	ug/m^3	s	643319.61	4179995.90	7.07	0.00	7.07	
PERIOD		0.00008	ug/m^3	s	643319.45	4180000.64	7.04	0.00	7.04	
PERIOD		0.00008	ug/m^3	s	643319.28	4180005.38	7.01	0.00	7.01	
PERIOD		0.00008	ug/m^3	s	643319.11	4180010.13	6.98	0.00	6.98	
PERIOD		0.00008	ug/m^3	s	643318.95	4180014.87	6.96	0.00	6.96	
PERIOD		0.00007	ug/m^3	s	643318.78	4180019.61	6.94	0.00	6.94	
PERIOD		0.00007	ug/m^3	s	643318.62	4180024.35	6.93	0.00	6.93	
PERIOD		0.00007	ug/m^3	s	643318.45	4180029.10	6.92	0.00	6.92	
PERIOD		0.00007	ug/m^3	s	643318.28	4180033.84	6.92	0.00	6.92	
PERIOD		0.00007	ug/m^3	s	643318.12	4180038.58	6.91	0.00	6.91	
PERIOD		0.00007	ug/m^3	s	643317.95	4180043.32	6.88	0.00	6.88	
PERIOD		0.00007	ug/m^3	s	643317.79	4180048.07	6.84	0.00	6.84	
PERIOD		0.00007	ug/m^3	s	643312.63	4180052.62	6.84	0.00	6.84	
PERIOD		0.00007	ug/m^3	s	643307.65	4180052.43	6.88	0.00	6.88	
PERIOD		0.00007	ug/m^3	s	643302.66	4180052.24	6.93	0.00	6.93	
PERIOD		0.00007	ug/m^3	s	643297.67	4180052.05	6.97	0.00	6.97	
PERIOD		0.00007	ug/m^3	s	643292.68	4180051.86	7.02	0.00	7.02	
PERIOD		0.00007	ug/m^3	s	643287.70	4180051.67	7.07	0.00	7.07	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

AERMOD View by Lakes Environmental Software

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00007	ug/m^3	s	643282.71	4180051.48	7.13	0.00	7.13	
PERIOD		0.00008	ug/m^3	s	643277.72	4180051.29	7.17	0.00	7.17	
PERIOD		0.00008	ug/m^3	s	643272.74	4180051.10	7.21	0.00	7.21	
PERIOD		0.00008	ug/m^3	s	643267.75	4180050.91	7.19	0.00	7.19	
PERIOD		0.00008	ug/m^3	s	643262.76	4180050.72	7.16	0.00	7.16	
PERIOD		0.00008	ug/m^3	s	643257.77	4180050.53	7.07	0.00	7.07	
PERIOD		0.00008	ug/m^3	s	643252.79	4180050.34	7.04	0.00	7.04	
PERIOD		0.00008	ug/m^3	s	643247.80	4180050.14	7.02	0.00	7.02	
PERIOD		0.00008	ug/m^3	s	643242.81	4180049.95	7.02	0.00	7.02	
PERIOD		0.00008	ug/m^3	s	643237.82	4180049.76	7.04	0.00	7.04	
PERIOD		0.00009	ug/m^3	s	643232.84	4180049.57	7.10	0.00	7.10	
PERIOD		0.00009	ug/m^3	s	643227.85	4180049.38	7.16	0.00	7.16	
PERIOD		0.00009	ug/m^3	s	643222.86	4180049.19	7.23	0.00	7.23	
PERIOD		0.00009	ug/m^3	s	643217.88	4180049.00	7.25	0.00	7.25	
PERIOD		0.00009	ug/m^3	s	643212.89	4180048.81	7.27	0.00	7.27	
PERIOD		0.00009	ug/m^3	s	643207.90	4180048.62	7.28	0.00	7.28	
PERIOD		0.00009	ug/m^3	s	643202.91	4180048.43	7.29	0.00	7.29	
PERIOD		0.00009	ug/m^3	s	643197.93	4180048.24	7.30	0.00	7.30	
PERIOD		0.00010	ug/m^3	s	643192.94	4180048.05	7.29	0.00	7.29	
PERIOD		0.00010	ug/m^3	s	643187.95	4180047.86	7.29	0.00	7.29	
PERIOD		0.00010	ug/m^3	s	643182.97	4180047.67	7.28	0.00	7.28	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00010	ug/m^3	s	643177.98	4180047.48	7.28	0.00	7.28	
PERIOD		0.00010	ug/m^3	s	643172.99	4180047.29	7.28	0.00	7.28	
PERIOD		0.00010	ug/m^3	s	643168.00	4180047.10	7.27	0.00	7.27	
PERIOD		0.00011	ug/m^3	s	643163.02	4180046.91	7.26	0.00	7.26	
PERIOD		0.00011	ug/m^3	s	643158.03	4180046.72	7.24	0.00	7.24	
PERIOD		0.00011	ug/m^3	s	643153.04	4180046.53	7.22	0.00	7.22	
PERIOD		0.00011	ug/m^3	s	643148.05	4180046.34	7.19	0.00	7.19	
PERIOD		0.00011	ug/m^3	s	643143.07	4180046.15	7.17	0.00	7.17	
PERIOD		0.00011	ug/m^3	s	643138.08	4180045.96	7.14	0.00	7.14	
PERIOD		0.00012	ug/m^3	s	643133.09	4180045.77	7.11	0.00	7.11	
PERIOD		0.00012	ug/m^3	s	643128.11	4180045.58	7.10	0.00	7.10	
PERIOD		0.00012	ug/m^3	s	643123.12	4180045.39	7.09	0.00	7.09	
PERIOD		0.00012	ug/m^3	s	643118.13	4180045.20	7.10	0.00	7.10	
PERIOD		0.00012	ug/m^3	s	643113.14	4180045.00	7.11	0.00	7.11	
PERIOD		0.00013	ug/m^3	s	643108.16	4180044.81	7.11	0.00	7.11	
PERIOD		0.00013	ug/m^3	s	643103.17	4180044.62	7.13	0.00	7.13	
PERIOD		0.00013	ug/m^3	s	643098.18	4180044.43	7.14	0.00	7.14	
PERIOD		0.00013	ug/m^3	s	643093.20	4180044.24	7.15	0.00	7.15	
PERIOD		0.00014	ug/m^3	s	643088.21	4180044.05	7.15	0.00	7.15	
PERIOD		0.00014	ug/m^3	s	643083.22	4180043.86	7.15	0.00	7.15	
PERIOD		0.00014	ug/m^3	s	643078.23	4180043.67	7.16	0.00	7.16	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00014	ug/m^3	s	643073.25	4180043.48	7.16	0.00	7.16	
PERIOD		0.00015	ug/m^3	s	643068.26	4180043.29	7.16	0.00	7.16	
PERIOD		0.00015	ug/m^3	s	643063.27	4180043.10	7.16	0.00	7.16	
PERIOD		0.00015	ug/m^3	s	643058.28	4180042.91	7.17	0.00	7.17	
PERIOD		0.00016	ug/m^3	s	643053.30	4180042.72	7.19	0.00	7.19	
PERIOD		0.00016	ug/m^3	s	643048.53	4180037.54	7.23	0.00	7.23	
PERIOD		0.00016	ug/m^3	s	643048.75	4180032.55	7.23	0.00	7.23	
PERIOD		0.00017	ug/m^3	s	643048.97	4180027.56	7.20	0.00	7.20	
PERIOD		0.00017	ug/m^3	s	643049.20	4180022.57	7.17	0.00	7.17	
PERIOD		0.00017	ug/m^3	s	643049.42	4180017.58	7.17	0.00	7.17	
PERIOD		0.00017	ug/m^3	s	643049.64	4180012.59	7.16	0.00	7.16	
PERIOD		0.00018	ug/m^3	s	643049.86	4180007.60	7.17	0.00	7.17	
PERIOD		0.00018	ug/m^3	s	643050.08	4180002.61	7.17	0.00	7.17	
PERIOD		0.00018	ug/m^3	s	643050.30	4179997.62	7.19	0.00	7.19	
PERIOD		0.00018	ug/m^3	s	643050.53	4179992.63	7.21	0.00	7.21	
PERIOD		0.00019	ug/m^3	s	643050.75	4179987.64	7.21	0.00	7.21	
PERIOD		0.00019	ug/m^3	s	643050.97	4179982.65	7.21	0.00	7.21	
PERIOD		0.00019	ug/m^3	s	643051.19	4179977.66	7.23	0.00	7.23	
PERIOD		0.00019	ug/m^3	s	643051.41	4179972.67	7.26	0.00	7.26	
PERIOD		0.00020	ug/m^3	s	643051.63	4179967.68	7.31	0.00	7.31	
PERIOD		0.00020	ug/m^3	s	643051.85	4179962.69	7.37	0.00	7.37	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00020	ug/m^3	s	643052.08	4179957.70	7.48	0.00	7.48	
PERIOD		0.00021	ug/m^3	s	643052.30	4179952.71	7.61	0.00	7.61	
PERIOD		0.00021	ug/m^3	s	643052.52	4179947.72	7.67	0.00	7.67	
PERIOD		0.00021	ug/m^3	s	643052.74	4179942.74	7.70	0.00	7.70	
PERIOD		0.00021	ug/m^3	s	643052.96	4179937.75	7.73	0.00	7.73	
PERIOD		0.00022	ug/m^3	s	643053.18	4179932.76	7.75	0.00	7.75	
PERIOD		0.00022	ug/m^3	s	643053.41	4179927.77	7.77	0.00	7.77	
PERIOD		0.00022	ug/m^3	s	643053.63	4179922.78	7.80	0.00	7.80	
PERIOD		0.00022	ug/m^3	s	643053.85	4179917.79	7.83	0.00	7.83	
PERIOD		0.00023	ug/m^3	s	643054.07	4179912.80	7.87	0.00	7.87	
PERIOD		0.00023	ug/m^3	s	643054.29	4179907.81	7.90	0.00	7.90	
PERIOD		0.00023	ug/m^3	s	643054.51	4179902.82	7.92	0.00	7.92	
PERIOD		0.00024	ug/m^3	s	643054.73	4179897.83	7.94	0.00	7.94	
PERIOD		0.00024	ug/m^3	s	643054.96	4179892.84	7.96	0.00	7.96	
PERIOD		0.00024	ug/m^3	s	643055.18	4179887.85	7.97	0.00	7.97	
PERIOD		0.00025	ug/m^3	s	643055.40	4179882.86	7.96	0.00	7.96	
PERIOD		0.00025	ug/m^3	s	643055.62	4179877.87	7.95	0.00	7.95	
PERIOD		0.00025	ug/m^3	s	643055.84	4179872.88	7.94	0.00	7.94	
PERIOD		0.00026	ug/m^3	s	643056.06	4179867.89	7.95	0.00	7.95	
PERIOD		0.00027	ug/m^3	r	643056.29	4179862.90	7.98	0.00	7.98	
PERIOD		0.00028	ug/m^3	r	643056.51	4179857.91	8.01	0.00	8.01	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00029	ug/m^3	r	643056.73	4179852.92	8.03	0.00	8.03	
PERIOD		0.00000	ug/m^3	r	644709.80	4181175.99	5.24	0.00	5.24	
PERIOD		0.00001	ug/m^3	r	643845.20	4181463.75	7.71	0.00	7.71	
PERIOD		0.00002	ug/m^3	r	644330.00	4180865.21	4.60	0.00	4.60	
PERIOD		0.00002	ug/m^3	r	644452.33	4180865.29	5.27	0.00	5.27	
PERIOD		0.00001	ug/m^3	r	644512.10	4180798.27	7.93	0.00	7.93	
PERIOD		0.00001	ug/m^3	r	644319.84	4180764.59	4.35	0.00	4.35	
PERIOD		0.00001	ug/m^3	r	644308.04	4180746.23	4.90	0.00	4.90	
PERIOD		0.00001	ug/m^3	r	644138.04	4180612.81	5.41	0.00	5.41	
PERIOD		0.00001	ug/m^3	r	644879.84	4180073.43	6.41	0.00	6.41	
PERIOD		0.00001	ug/m^3	r	644852.72	4180057.70	6.58	0.00	6.58	
PERIOD		0.00001	ug/m^3	r	644815.58	4180084.08	6.54	0.00	6.54	
PERIOD		0.00007	ug/m^3	r	644434.45	4179763.78	6.41	0.00	6.41	
PERIOD		0.00006	ug/m^3	r	644480.49	4179753.87	6.37	0.00	6.37	
PERIOD		0.00006	ug/m^3	r	644533.82	4179754.07	6.24	0.00	6.24	
PERIOD		0.00006	ug/m^3	r	644572.15	4179751.45	6.22	0.00	6.22	
PERIOD		0.00006	ug/m^3	r	644614.87	4179749.47	6.36	0.00	6.36	
PERIOD		0.00006	ug/m^3	r	644666.65	4179744.39	6.25	0.00	6.25	
PERIOD		0.00006	ug/m^3	r	644709.75	4179741.55	6.42	0.00	6.42	
PERIOD		0.00004	ug/m^3	r	644654.65	4179684.42	6.98	0.00	6.98	
PERIOD		0.00006	ug/m^3	r	644756.54	4179741.37	6.28	0.00	6.28	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00006	ug/m^3	r	644802.88	4179734.95	6.43	0.00	6.43	
PERIOD		0.00004	ug/m^3	r	644438.45	4179613.05	6.74	0.00	6.74	
PERIOD		0.00004	ug/m^3	r	644419.90	4179655.61	6.44	0.00	6.44	
PERIOD		0.00003	ug/m^3	r	644515.31	4179578.76	6.95	0.00	6.95	
PERIOD		0.00003	ug/m^3	r	644568.92	4179611.72	6.77	0.00	6.77	
PERIOD		0.00003	ug/m^3	r	644632.74	4179604.09	6.97	0.00	6.97	
PERIOD		0.00003	ug/m^3	r	644622.52	4179628.84	6.75	0.00	6.75	
PERIOD		0.00003	ug/m^3	r	644692.02	4179626.72	6.77	0.00	6.77	
PERIOD		0.00003	ug/m^3	r	644715.72	4179622.20	6.74	0.00	6.74	
PERIOD		0.00003	ug/m^3	r	644736.91	4179575.92	6.98	0.00	6.98	
PERIOD		0.00005	ug/m^3	r	644896.13	4179734.33	6.68	0.00	6.68	
PERIOD		0.00003	ug/m^3	r	644890.29	4179678.94	6.88	0.00	6.88	
PERIOD		0.00003	ug/m^3	r	644870.72	4179630.27	6.88	0.00	6.88	
PERIOD		0.00003	ug/m^3	r	644844.88	4179581.26	6.89	0.00	6.89	
PERIOD		0.00002	ug/m^3	r	644811.63	4179524.16	7.12	0.00	7.12	
PERIOD		0.00002	ug/m^3	r	644888.52	4179486.80	7.31	0.00	7.31	
PERIOD		0.00002	ug/m^3	r	644843.91	4179447.63	7.35	0.00	7.35	
PERIOD		0.00003	ug/m^3	r	644751.04	4179453.34	7.24	0.00	7.24	
PERIOD		0.00003	ug/m^3	r	644687.08	4179421.77	7.25	0.00	7.25	
PERIOD		0.00003	ug/m^3	r	644651.04	4179382.11	7.43	0.00	7.43	
PERIOD		0.00002	ug/m^3	r	644781.49	4179374.57	7.52	0.00	7.52	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00003	ug/m^3	r	644638.75	4179524.00	6.77	0.00	6.77	
PERIOD		0.00003	ug/m^3	r	644704.20	4179540.46	7.02	0.00	7.02	
PERIOD		0.00003	ug/m^3	r	644720.05	4179331.30	7.66	0.00	7.66	
PERIOD		0.00003	ug/m^3	r	644652.73	4179276.83	7.82	0.00	7.82	
PERIOD		0.00003	ug/m^3	r	644594.69	4179286.60	7.81	0.00	7.81	
PERIOD		0.00003	ug/m^3	r	644553.55	4179307.88	8.03	0.00	8.03	
PERIOD		0.00003	ug/m^3	r	644582.85	4179385.45	7.42	0.00	7.42	
PERIOD		0.00003	ug/m^3	r	644547.59	4179463.84	7.26	0.00	7.26	
PERIOD		0.00003	ug/m^3	r	644587.96	4179533.53	6.99	0.00	6.99	
PERIOD		0.00003	ug/m^3	r	644464.69	4179511.51	7.11	0.00	7.11	
PERIOD		0.00003	ug/m^3	r	644458.51	4179430.01	7.27	0.00	7.27	
PERIOD		0.00003	ug/m^3	r	644481.84	4179451.80	7.24	0.00	7.24	
PERIOD		0.00003	ug/m^3	r	644511.17	4179343.07	7.49	0.00	7.49	
PERIOD		0.00003	ug/m^3	r	644422.52	4179188.89	8.22	0.00	8.22	
PERIOD		0.00003	ug/m^3	r	644494.33	4179201.46	8.16	0.00	8.16	
PERIOD		0.00003	ug/m^3	r	644536.24	4179160.11	8.33	0.00	8.33	
PERIOD		0.00003	ug/m^3	r	644510.90	4179123.08	8.42	0.00	8.42	
PERIOD		0.00003	ug/m^3	r	644479.20	4179133.58	8.35	0.00	8.35	
PERIOD		0.00003	ug/m^3	r	644448.31	4179129.95	8.47	0.00	8.47	
PERIOD		0.00003	ug/m^3	r	644452.76	4179185.46	8.12	0.00	8.12	
PERIOD		0.00003	ug/m^3	r	644819.26	4178110.75	12.44	0.00	12.44	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 2 Mitigated DPM\Tracy Alliance Phase 2 Mitigated DPM.isc

AERMOD View by Lakes Environmental Software

RS - 27 of 28

2/26/2021

Sensitive Receptor Summary

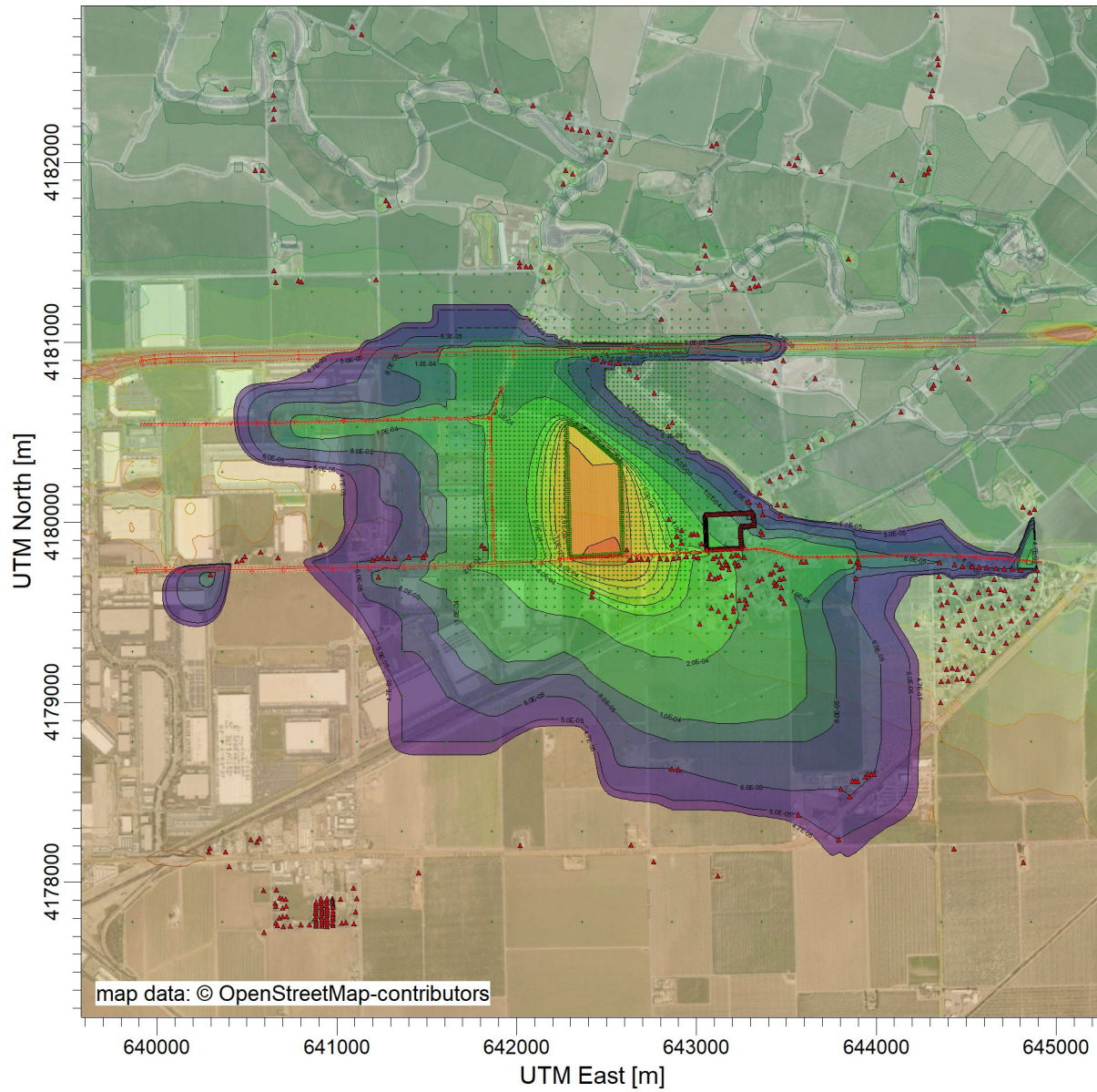
C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00004	ug/m^3	r	644432.02	4178184.01	11.91	0.00	11.91	
PERIOD		0.00005	ug/m^3	r	643789.26	4178237.48	13.01	0.00	13.01	
PERIOD		0.00003	ug/m^3	r	643119.53	4178034.41	14.98	0.00	14.98	
PERIOD		0.00002	ug/m^3	r	640400.83	4178086.93	15.28	0.00	15.28	
PERIOD		0.00001	ug/m^3	r	640651.52	4182600.78	6.74	0.00	6.74	
PERIOD		0.00001	ug/m^3	r	640381.96	4182411.74	4.34	0.00	4.34	
PERIOD		0.00001	ug/m^3	r	640647.52	4182373.39	4.00	0.00	4.00	
PERIOD		0.00001	ug/m^3	r	640650.54	4182298.58	4.20	0.00	4.20	
PERIOD		0.00001	ug/m^3	r	641085.45	4182754.82	4.65	0.00	4.65	
PERIOD		0.00001	ug/m^3	r	641137.09	4182713.73	4.54	0.00	4.54	
PERIOD		0.00000	ug/m^3	r	644304.24	4182367.65	3.81	0.00	3.81	
PERIOD		0.00000	ug/m^3	r	644313.47	4182401.60	3.57	0.00	3.57	
PERIOD		0.00000	ug/m^3	r	644346.08	4182544.35	3.82	0.00	3.82	
PERIOD		0.00000	ug/m^3	r	644342.13	4182579.51	3.77	0.00	3.77	
PERIOD		0.00000	ug/m^3	r	644298.15	4182492.21	3.32	0.00	3.32	
PERIOD		0.00000	ug/m^3	r	644334.86	4182819.85	3.93	0.00	3.93	

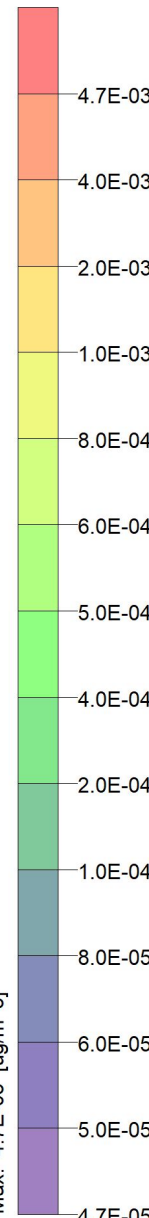
PROJECT TITLE:

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

COMMENTS:



ug/m³
PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL
Max: 4.7E-03 [ug/m³]



SOURCES:

7

RECEPTORS:

4178

OUTPUT TYPE:

Concentration

MAX:

4.7E-03 ug/m³

COMPANY NAME:

MODELER:

DATE:

2/26/2021

SCALE:

1:38,285



PROJECT NO.:

Control Pathway

AERMOD

Dispersion Options

Titles C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i	
Dispersion Options <input type="checkbox"/> Regulatory Default <input checked="" type="checkbox"/> Non-Default Options	Dispersion Coefficient Rural
<input checked="" type="checkbox"/> Elevated Terrain <input type="checkbox"/> No Stack-Tip Downwash (NOSTD) <input type="checkbox"/> Run in Screening Mode <input type="checkbox"/> Conversion of NOx to NO2 (OLM or PVMRM) <input type="checkbox"/> No Checks for Non-Sequential Met Data <input checked="" type="checkbox"/> Fast All Sources (FASTALL) <input type="checkbox"/> Fast Area Sources (FASTAREA) <input type="checkbox"/> Optimized Area Source Plume Depletion <input type="checkbox"/> Gas Deposition	Output Type <input checked="" type="checkbox"/> Concentration <input type="checkbox"/> Total Deposition (Dry & Wet) <input type="checkbox"/> Dry Deposition <input type="checkbox"/> Wet Deposition
<div style="border: 1px solid black; padding: 5px;"> BETA Options: <input type="checkbox"/> Capped and Horizontal Stack Releases <input type="checkbox"/> Adjusted Friction Velocity (u*) in AERMET (ADJ_U*) <input type="checkbox"/> Low Wind Options </div> <input type="checkbox"/> SCIM (Sampled Chronological Input Model) <input type="checkbox"/> Ignore Urban Night / Daytime Transition (NOURBTRAN)	Plume Depletion <input type="checkbox"/> Dry Removal <input type="checkbox"/> Wet Removal
	Output Warnings <input type="checkbox"/> No Output Warnings <input type="checkbox"/> Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM10	Exponential Decay <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Averaging Time Options Hours <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24 <input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual	Terrain Height Options <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated SO: Meters RE: Meters TG: Meters
Flagpole Receptors <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Default Height = 0.00 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: Tracy Alliance Phase 3 Unmitigated DPM.err

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: ONSITE_DPM

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
7.83	3.33	2.67E-8		4	642318.36	4180542.41
		2.67E-8			642488.85	4180403.36
		2.67E-8			642742.65	4180692.50
		2.67E-8			642577.64	4180841.32

Source Pathway - Source Inputs

AERMOD

Line Area Sources

Source Type: LINE AREA

Source: CALIFORNIA (Off-Road DPM)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	1.93E-11	2.90	642581.69	4180845.00	5.40	3.12
			642727.49	4180720.69	5.12	3.12
			642877.23	4180595.74	6.11	3.12
			643202.58	4180319.14	6.29	3.12
			643306.68	4180231.08	6.65	3.12
			643317.60	4180212.76	6.49	3.12
			643333.57	4179858.23	7.79	3.12

Source Type: LINE AREA

Source: GRANT_NARROW (Grant Line - Narrow)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	2.02E-11	2.90	642240.15	4179796.64	10.66	0.00
			642370.14	4179802.71	10.56	0.00
			642468.35	4179807.41	10.65	0.00
			642522.65	4179810.81	10.42	0.00
			642601.30	4179815.09	10.26	0.00
			642753.89	4179822.72	9.65	0.00
			642870.97	4179828.53	9.00	0.00
			642997.37	4179834.93	8.56	0.00
			643058.89	4179838.14	8.24	0.00
			643276.88	4179849.70	7.72	0.00
			643328.83	4179852.61	7.77	0.00
			643373.85	4179852.10	7.93	0.00
			643406.67	4179847.70	8.14	0.00
			643430.60	4179842.01	8.40	0.00
			643493.86	4179821.89	8.50	0.00
			643512.08	4179816.54	8.42	0.00
			643534.21	4179811.19	7.81	0.00
			643559.11	4179807.66	7.64	0.00

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: GRANT_NARROW (Grant Line - Narrow)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	2.02E-11	2.90	643584.56	4179806.59	7.35	0.00
			643837.49	4179810.10	6.87	0.00
			644304.14	4179819.98	6.91	0.00
			644381.56	4179816.77	6.84	0.00
			644639.88	4179802.61	6.89	0.00
			644920.10	4179780.34	6.69	0.00

Source Type: LINE AREA

Source: GRANT_WIDE (East Grant - Wide)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
26.00	6.77E-12	2.90	639883.36	4179734.53	10.96	3.12
			640049.70	4179738.44	10.94	3.12
			640129.07	4179736.80	10.66	3.12
			640332.13	4179739.34	10.85	3.12
			640524.85	4179740.01	11.07	3.12
			640699.18	4179740.80	11.02	3.12
			640973.64	4179747.18	10.64	3.12
			641375.73	4179755.06	10.84	3.12
			641707.80	4179761.32	10.87	3.12
			642131.46	4179782.04	10.70	3.12
			642240.64	4179788.95	10.66	3.12

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: HWY205 (Highway 205)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
48.00	4.16E-12	2.90	639915.98	4180899.34	9.30	3.12
			639987.03	4180907.58	9.10	3.12
			640073.77	4180914.25	9.05	3.12
			641143.27	4180936.85	8.98	3.12
			641981.33	4180952.99	7.71	3.12
			642628.24	4180964.34	8.15	3.12
			643389.33	4180982.37	7.56	3.12
			644550.34	4181004.59	8.48	3.12

Source Pathway - Source Inputs

AERMOD

Area Sources Generated from Line Sources

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
GRANT_WIDE	A0000009	639883.67	4179721.54	3.12	166.38	358.66	10.84	2.90
	A0000010	640049.43	4179725.44	3.12	79.39	1.18	10.98	2.90
	A0000011	640129.23	4179723.80	3.12	203.07	359.28	10.73	2.90
	A0000012	640332.17	4179726.34	3.12	192.72	359.80	10.71	2.90
	A0000013	640524.91	4179727.01	3.12	174.34	359.74	10.98	2.90
	A0000014	640699.48	4179727.80	3.12	137.27	358.67	10.89	2.90
	A0000015	640836.71	4179730.99	3.12	137.27	358.67	10.89	2.90
	A0000016	640973.90	4179734.18	3.12	201.08	358.88	10.68	2.90
	A0000017	641174.94	4179738.12	3.12	201.08	358.88	10.81	2.90
	A0000018	641375.97	4179742.07	3.12	166.07	358.92	10.90	2.90
	A0000019	641542.01	4179745.19	3.12	166.07	358.92	10.74	2.90
	A0000020	641708.44	4179748.33	3.12	212.08	357.20	10.69	2.90
	A0000021	641920.26	4179758.69	3.12	212.08	357.20	10.50	2.90
	A0000022	642132.28	4179769.06	3.12	109.40	356.38	10.69	2.90

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARRO	A0000023	642240.38	4179791.65	0.00	65.07	357.33	10.66	2.90
	A0000024	642305.38	4179794.68	0.00	65.07	357.33	10.56	2.90
	A0000025	642370.38	4179797.71	0.00	98.32	357.26	10.60	2.90
	A0000026	642468.66	4179802.42	0.00	54.41	356.41	10.64	2.90
	A0000027	642522.92	4179805.82	0.00	78.77	356.89	10.54	2.90
	A0000028	642601.55	4179810.09	0.00	76.39	357.14	10.35	2.90
	A0000029	642677.85	4179813.91	0.00	76.39	357.14	9.91	2.90
	A0000030	642754.14	4179817.73	0.00	58.61	357.16	9.67	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000031	642812.68	4179820.63	0.00	58.61	357.16	9.22	2.90
	A0000032	642871.22	4179823.54	0.00	63.28	357.10	9.01	2.90
	A0000033	642934.42	4179826.74	0.00	63.28	357.10	8.67	2.90
	A0000034	642997.63	4179829.94	0.00	61.60	357.02	8.39	2.90
	A0000035	643059.15	4179833.15	0.00	72.77	356.96	8.14	2.90
	A0000036	643131.82	4179837.00	0.00	72.77	356.96	8.08	2.90
	A0000037	643204.48	4179840.86	0.00	72.77	356.96	7.77	2.90
	A0000038	643277.16	4179844.71	0.00	52.03	356.80	7.73	2.90
	A0000039	643328.78	4179847.61	0.00	45.02	0.64	7.75	2.90
	A0000040	643373.19	4179847.15	0.00	33.11	7.64	7.77	2.90
	A0000041	643405.51	4179842.84	0.00	24.60	13.38	8.11	2.90
	A0000042	643429.09	4179837.25	0.00	66.38	17.65	8.19	2.90
	A0000043	643492.45	4179817.09	0.00	18.99	16.38	8.49	2.90
	A0000044	643510.91	4179811.68	0.00	22.76	13.58	8.32	2.90
	A0000045	643533.51	4179806.24	0.00	25.16	8.06	7.92	2.90
	A0000046	643558.90	4179802.67	0.00	25.46	2.41	7.59	2.90
	A0000047	643584.62	4179801.59	0.00	84.32	359.21	7.31	2.90
	A0000048	643668.94	4179802.76	0.00	84.32	359.21	7.02	2.90
	A0000049	643753.25	4179803.93	0.00	84.32	359.21	6.74	2.90
	A0000050	643837.59	4179805.10	0.00	93.35	358.79	6.68	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
HWY205	A0000051	639918.75	4180875.50	3.12	71.52	353.38	9.02	2.90
	A0000052	639988.87	4180883.65	3.12	87.00	355.60	8.61	2.90
	A0000053	640074.28	4180890.26	3.12	356.58	358.79	8.48	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
HWY205	A0000054	640430.78	4180897.79	3.12	356.58	358.79	8.49	2.90
	A0000055	640787.28	4180905.32	3.12	356.58	358.79	8.59	2.90
	A0000056	641143.74	4180912.85	3.12	419.10	358.90	8.51	2.90
	A0000057	641562.76	4180920.92	3.12	419.10	358.90	7.64	2.90
	A0000058	641981.75	4180929.00	3.12	323.51	358.99	8.25	2.90
	A0000059	642305.20	4180934.67	3.12	323.51	358.99	7.12	2.90
	A0000060	642628.81	4180940.35	3.12	380.65	358.64	6.75	2.90
	A0000061	643009.35	4180949.36	3.12	380.65	358.64	7.27	2.90
	A0000062	643389.79	4180958.37	3.12	387.08	358.90	7.83	2.90
	A0000063	643776.79	4180965.78	3.12	387.08	358.90	6.85	2.90
	A0000064	644163.80	4180973.19	3.12	387.08	358.90	6.95	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000082	643930.92	4179807.08	0.00	93.35	358.79	6.50	2.90
	A0000083	644024.26	4179809.05	0.00	93.35	358.79	6.50	2.90
	A0000084	644117.59	4179811.03	0.00	93.35	358.79	6.49	2.90
	A0000085	644210.92	4179813.00	0.00	93.35	358.79	6.58	2.90
	A0000086	644303.93	4179814.98	0.00	77.49	2.37	6.83	2.90
	A0000087	644381.29	4179811.78	0.00	86.23	3.14	6.69	2.90
	A0000088	644467.39	4179807.06	0.00	86.23	3.14	6.78	2.90
	A0000089	644553.50	4179802.34	0.00	86.23	3.14	6.78	2.90
	A0000090	644639.48	4179797.63	0.00	93.70	4.54	6.67	2.90
	A0000091	644732.89	4179790.20	0.00	93.70	4.54	6.64	2.90
	A0000092	644826.30	4179782.78	0.00	93.70	4.54	6.68	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
CALIFORNIA	A0000093	642578.44	4180841.20	3.12	95.80	40.45	5.30	2.90
	A0000094	642651.35	4180779.04	3.12	95.80	40.45	5.18	2.90
	A0000095	642724.29	4180716.85	3.12	97.51	39.84	5.00	2.90
	A0000096	642799.16	4180654.37	3.12	97.51	39.84	5.50	2.90
	A0000097	642873.99	4180591.93	3.12	85.41	40.37	6.05	2.90
	A0000098	642939.06	4180536.61	3.12	85.41	40.37	6.02	2.90
	A0000099	643004.13	4180481.29	3.12	85.41	40.37	6.06	2.90
	A0000100	643069.20	4180425.97	3.12	85.41	40.37	6.07	2.90
	A0000101	643134.27	4180370.65	3.12	85.41	40.37	6.27	2.90
	A0000102	643199.35	4180315.32	3.12	68.18	40.23	6.30	2.90
	A0000103	643251.40	4180271.29	3.12	68.18	40.23	6.44	2.90
	A0000104	643302.39	4180228.53	3.12	21.33	59.21	6.53	2.90
	A0000105	643312.61	4180212.53	3.12	88.72	87.42	6.43	2.90
	A0000106	643316.60	4180123.90	3.12	88.72	87.42	6.69	2.90
	A0000107	643320.59	4180035.27	3.12	88.72	87.42	6.86	2.90
	A0000108	643324.58	4179946.63	3.12	88.72	87.42	7.30	2.90

Receptor Pathway

AERMOD

Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Discrete Cartesian Receptors

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	642423.59	4180906.20		5.74	
2	642441.65	4180909.13		5.71	
3	642480.08	4180894.46		6.83	
4	642519.76	4180888.29		5.42	
5	642566.51	4180882.54		5.07	
6	642626.31	4180850.18		5.27	
7	642669.21	4180807.50		4.70	
8	642766.30	4180717.00		5.31	
9	642864.59	4180554.77		5.81	
10	642843.70	4180532.79		5.99	
11	642612.01	4179848.87		9.81	
12	642624.90	4179791.78		10.39	
13	642639.86	4179791.65		10.35	
14	642667.43	4179795.46		9.94	
15	642693.29	4179797.16		9.84	
16	642728.95	4179797.77		9.79	
17	642798.23	4179801.48		9.03	
18	642838.25	4179796.55		8.93	
19	642873.35	4179801.20		8.83	
20	642903.14	4179804.04		8.64	
21	642861.85	4179877.44		8.79	
22	642915.46	4179883.14		9.24	
23	642889.34	4179922.70		8.80	
24	642916.53	4179957.30		8.35	
25	642846.92	4180017.86		8.29	
26	642969.73	4179932.63		8.53	
27	642984.82	4179936.19		8.37	
28	643006.43	4179931.45		8.58	
29	643027.44	4179882.32		8.62	
30	642942.74	4179809.51		8.49	

Receptor Pathway

AERMOD

31	642986.00	4179809.05	8.33
32	643009.48	4179802.10	8.33
33	643092.88	4179800.30	7.67
34	643107.73	4179811.01	7.72
35	643138.65	4179813.25	8.23
36	643123.91	4179779.64	8.25
37	643160.42	4179780.20	8.27
38	643175.36	4179761.55	8.29
39	643163.42	4179763.67	8.32
40	643139.64	4179753.74	8.35
41	643144.44	4179746.59	8.39
42	643213.32	4179778.97	8.13
43	643220.99	4179818.86	7.81
44	643231.24	4179817.25	7.83
45	643195.08	4179812.50	7.85
46	643266.55	4179806.39	7.79
47	643225.65	4179758.26	8.28
48	643235.56	4179763.82	8.27
49	643180.87	4179738.16	8.54
50	643132.53	4179699.67	8.87
51	643117.14	4179693.48	8.81
52	643101.08	4179686.86	8.98
53	643069.34	4179691.13	9.02
54	643077.53	4179710.91	8.88
55	643018.96	4179438.01	10.05
56	643084.59	4179523.29	9.74
57	643123.69	4179508.56	9.65
58	643205.32	4179504.68	9.73
59	643205.63	4179524.47	9.49
60	643228.04	4179453.82	9.60
61	643191.32	4179422.31	9.37
62	643156.40	4179471.78	9.88
63	643267.56	4179525.34	9.42
64	643239.54	4179565.68	9.28
65	643269.96	4179568.47	9.13
66	643276.56	4179548.69	9.25
67	643304.54	4179598.63	8.34
68	643198.44	4179596.54	9.10

Receptor Pathway

AERMOD

69	643165.27	4179587.66	9.05
70	643279.62	4179642.39	8.41
71	643342.12	4179677.63	8.40
72	643365.52	4179686.82	8.14
73	643412.02	4179712.59	8.03
74	643426.83	4179720.88	8.06
75	643443.06	4179763.53	7.71
76	643462.19	4179738.10	7.72
77	643477.05	4179744.65	7.75
78	643609.19	4179779.40	6.99
79	643581.34	4179779.40	7.10
80	643486.28	4179690.48	7.69
81	643461.70	4179683.07	7.85
82	643435.58	4179649.08	7.89
83	643445.96	4179656.83	7.86
84	643433.08	4179668.66	7.88
85	643472.43	4179636.73	7.74
86	643467.63	4179586.55	7.66
87	643474.60	4179575.24	7.82
88	643488.40	4179549.74	7.60
89	644226.05	4179433.08	7.30
90	643856.00	4179782.95	6.39
91	643894.54	4179783.96	6.19
92	643904.86	4179771.37	6.11
93	643902.09	4179750.97	6.08
94	643884.46	4179690.78	6.26
95	643988.56	4178601.40	11.42
96	643970.67	4178600.51	11.44
97	643953.35	4178599.84	11.46
98	643940.61	4178583.63	11.57
99	643898.25	4178561.06	11.56
100	643882.49	4178560.50	11.54
101	643868.08	4178560.61	11.50
102	643850.61	4178477.15	12.36
103	643802.93	4178519.25	11.99
104	643566.21	4178374.81	12.85
105	642899.11	4178625.63	13.25
106	642861.77	4178630.37	13.35

Receptor Pathway

AERMOD

107	642634.32	4178208.71	14.34
108	642761.13	4178115.10	14.42
109	642021.23	4178205.01	14.76
110	641455.17	4178051.75	15.53
111	640663.35	4177956.52	16.03
112	640591.80	4177954.95	16.27
113	640596.52	4177721.41	16.97
114	640657.83	4177883.48	16.30
115	640682.46	4177911.49	16.15
116	640695.49	4177909.55	16.19
117	640717.22	4177907.62	16.19
118	640718.67	4177867.06	16.41
119	640699.36	4177856.92	16.47
120	640661.69	4177868.02	16.36
121	640679.07	4177800.90	16.71
122	640699.84	4177807.66	16.56
123	640721.09	4177809.59	16.64
124	640660.72	4177772.41	16.71
125	640702.74	4177753.09	16.93
126	640669.42	4177758.89	16.73
127	640743.35	4177756.71	16.91
128	640801.27	4177764.04	16.95
129	640850.11	4177764.04	16.95
130	640883.26	4177755.67	16.90
131	640884.30	4177764.39	16.93
132	640885.00	4177773.81	16.93
133	640885.00	4177782.53	16.93
134	640883.26	4177791.95	16.90
135	640916.40	4177756.36	16.97
136	640946.76	4177754.97	16.87
137	640947.11	4177767.88	16.73
138	640916.75	4177765.78	16.94
139	640946.06	4177777.65	16.71
140	640917.80	4177775.20	16.88
141	640945.36	4177787.42	16.70
142	640917.80	4177784.97	16.88
143	640914.31	4177804.16	16.85
144	640916.40	4177794.39	16.87

Receptor Pathway

AERMOD

145	640943.62	4177804.86	16.66
146	640945.71	4177795.79	16.69
147	640979.90	4177758.81	16.68
148	640978.16	4177769.27	16.64
149	640976.41	4177776.95	16.63
150	640978.16	4177792.30	16.53
151	640978.85	4177801.02	16.50
152	640977.81	4177809.40	16.48
153	640978.51	4177820.56	16.46
154	640977.81	4177828.59	16.44
155	640879.77	4177800.67	16.84
156	640883.61	4177813.23	16.81
157	640885.35	4177824.75	16.84
158	640915.24	4177814.31	16.81
159	640945.30	4177816.13	16.60
160	640947.12	4177825.60	16.60
161	640915.97	4177824.87	16.78
162	640916.34	4177835.07	16.75
163	640946.57	4177835.98	16.57
164	640946.75	4177845.63	16.52
165	640915.61	4177844.18	16.73
166	640879.91	4177832.52	16.80
167	640885.19	4177842.36	16.74
168	640884.46	4177851.64	16.68
169	640916.34	4177852.74	16.71
170	640945.30	4177854.74	16.47
171	640945.48	4177863.12	16.45
172	640915.06	4177861.30	16.67
173	640883.19	4177861.12	16.61
174	640883.92	4177871.31	16.54
175	640885.38	4177879.87	16.49
176	640883.19	4177890.80	16.49
177	640915.97	4177871.68	16.61
178	640914.88	4177881.70	16.58
179	640944.20	4177871.86	16.44
180	640945.30	4177883.15	16.39
181	640944.57	4177893.17	16.37
182	640913.61	4177888.98	16.55

Receptor Pathway

AERMOD

183	640913.61	4177898.82	16.54
184	640944.20	4177902.46	16.38
185	640911.97	4177907.92	16.48
186	640944.75	4177911.02	16.35
187	640975.17	4177909.38	16.22
188	640976.99	4177900.64	16.25
189	640976.62	4177891.35	16.28
190	640978.44	4177881.51	16.26
191	640978.26	4177870.77	16.30
192	640980.08	4177860.39	16.31
193	640979.17	4177841.08	16.36
194	641027.15	4177771.72	16.80
195	641097.01	4177769.15	16.46
196	641050.94	4177776.86	16.58
197	641106.22	4177834.93	16.34
198	641112.42	4177909.52	15.89
199	641020.43	4177904.78	16.35
200	641092.38	4177966.96	15.79
201	640555.64	4178224.82	14.68
202	640382.10	4178168.75	15.06
203	640295.47	4178186.85	14.80
204	640289.24	4178169.94	14.93
205	640520.34	4178237.28	14.56
206	640568.99	4178242.62	14.68
207	642421.71	4179614.03	11.33
208	642419.19	4179586.04	11.55
209	641230.76	4179694.87	11.83
210	641806.79	4179870.63	10.26
211	641825.54	4179856.53	10.36
212	641492.88	4179824.18	10.67
213	641482.98	4179806.49	10.62
214	641401.40	4179805.19	10.73
215	641322.12	4179800.31	10.62
216	641199.49	4179789.22	10.67
217	641226.51	4179799.31	10.67
218	641254.87	4179804.73	10.50
219	641284.46	4179798.64	10.58
220	640672.91	4179804.60	10.57

Receptor Pathway

AERMOD

221	640909.50	4179873.06	10.45
222	640576.50	4179834.99	10.64
223	640471.40	4179791.88	10.57
224	640443.73	4179783.09	10.83
225	640490.06	4179808.83	10.59
226	640298.17	4179708.55	10.87
227	642150.64	4181339.61	4.85
228	642186.00	4181418.01	7.29
229	642076.74	4181423.01	4.93
230	642050.52	4181423.14	4.58
231	642015.47	4181420.37	4.60
232	642015.07	4181445.02	4.71
233	642806.07	4181128.16	4.97
234	643211.49	4181300.90	4.80
235	643199.12	4181323.37	4.79
236	643298.61	4181300.90	4.44
237	643326.13	4181311.50	4.53
238	643346.84	4181318.07	4.50
239	643321.08	4181355.19	5.00
240	643007.36	4181415.17	5.45
241	643051.46	4181483.78	5.49
242	643044.62	4181536.90	5.24
243	643074.82	4181735.00	4.31
244	643086.22	4182094.01	4.58
245	643112.32	4182105.50	4.56
246	643546.53	4181985.18	4.06
247	643513.62	4181994.64	3.90
248	643562.16	4182026.32	4.07
249	643691.88	4181951.64	4.69
250	644094.39	4181935.13	4.86
251	644141.12	4181899.90	4.90
252	644267.45	4181934.22	4.95
253	644287.49	4181943.88	4.85
254	644292.76	4181965.65	4.78
255	644292.05	4182056.81	6.89
256	642259.02	4181880.67	7.16
257	642310.80	4181936.64	7.27
258	642273.02	4181956.93	7.39

Receptor Pathway

AERMOD

259	642495.22	4182060.53	5.17
260	642520.63	4182128.95	4.82
261	642460.07	4182152.93	4.89
262	642395.94	4182171.85	4.89
263	642354.64	4182180.55	4.85
264	642309.47	4182187.07	4.89
265	642280.75	4182195.60	5.04
266	642284.96	4182251.52	5.06
267	642294.26	4182270.05	5.02
268	642091.45	4182315.72	5.07
269	641887.74	4182399.30	5.07
270	641273.71	4181787.58	6.87
271	641291.66	4181761.78	6.62
272	641217.11	4181351.16	5.94
273	640660.60	4181335.03	6.14
274	640788.06	4181343.64	5.94
275	640803.39	4181338.45	5.94
276	640649.98	4181397.27	5.41
277	640648.73	4182240.43	4.11
278	640586.47	4181956.43	4.05
279	640547.21	4181955.64	4.18
280	643437.92	4180843.06	2.54
281	643481.97	4180898.97	2.54
282	643433.96	4180777.27	2.63
283	643661.26	4180799.81	3.40
284	643358.63	4179948.56	7.24
285	643364.90	4179934.14	7.30
286	643369.06	4180042.08	8.11
287	643467.43	4180035.35	8.23
288	643303.09	4180066.52	6.80
289	643292.53	4180113.09	6.82
290	643351.83	4180094.85	6.59
291	643450.64	4180097.01	6.22
292	643491.34	4180094.80	7.11
293	643349.76	4180163.14	6.28
294	643408.25	4180231.85	5.77
295	643467.32	4180253.70	5.80
296	643521.65	4180278.59	5.50

Receptor Pathway

AERMOD

297	643572.31	4180303.75		5.37
298	643533.46	4180366.45		5.09
299	643621.79	4180419.99		8.03
300	643700.62	4180460.54		7.92
301	643875.45	4180553.54		7.92
302	643262.17	4179872.86		7.65
303	644358.55	4178997.60		8.74
304	644360.03	4179117.34		8.37
305	644400.66	4179118.33		8.38
306	644391.43	4179183.34		8.30
307	644346.19	4179235.67		8.00
308	644358.03	4179295.58		7.62
309	644377.37	4179348.51		7.39
310	644370.04	4179426.85		7.14
311	644366.28	4179467.77		6.98
312	644392.01	4179558.11		6.89
313	644363.59	4179543.35		6.81
314	644353.27	4179624.50		6.82
315	644348.20	4179699.91		6.66
316	644350.67	4179777.56		6.55
317	643056.95	4179847.93	FENCEPRI	8.07
318	643249.62	4179856.27	FENCEPRI	7.72
319	643244.70	4179977.45	FENCEPRI	7.48
320	643320.11	4179981.67	FENCEPRI	7.10
321	643317.62	4180052.81	FENCEPRI	6.83
322	643048.31	4180042.53	FENCEPRI	7.22
323	643061.89	4179848.14	FENCEINT	7.88
324	643066.83	4179848.36	FENCEINT	7.82
325	643071.77	4179848.57	FENCEINT	7.83
326	643076.71	4179848.79	FENCEINT	7.80
327	643081.65	4179849.00	FENCEINT	7.76
328	643086.59	4179849.21	FENCEINT	7.74
329	643091.53	4179849.43	FENCEINT	7.72
330	643096.47	4179849.64	FENCEINT	7.71
331	643101.41	4179849.85	FENCEINT	7.70
332	643106.35	4179850.07	FENCEINT	7.70
333	643111.29	4179850.28	FENCEINT	7.73
334	643116.23	4179850.50	FENCEINT	7.74

Receptor Pathway

AERMOD

335	643121.17	4179850.71	FENCEINT	7.75
336	643126.11	4179850.92	FENCEINT	7.75
337	643131.05	4179851.14	FENCEINT	7.75
338	643135.99	4179851.35	FENCEINT	7.76
339	643140.93	4179851.57	FENCEINT	7.75
340	643145.87	4179851.78	FENCEINT	7.74
341	643150.81	4179851.99	FENCEINT	7.77
342	643155.76	4179852.21	FENCEINT	7.81
343	643160.70	4179852.42	FENCEINT	7.85
344	643165.64	4179852.63	FENCEINT	7.87
345	643170.58	4179852.85	FENCEINT	7.88
346	643175.52	4179853.06	FENCEINT	7.87
347	643180.46	4179853.28	FENCEINT	7.87
348	643185.40	4179853.49	FENCEINT	7.88
349	643190.34	4179853.70	FENCEINT	7.87
350	643195.28	4179853.92	FENCEINT	7.87
351	643200.22	4179854.13	FENCEINT	7.86
352	643205.16	4179854.35	FENCEINT	7.86
353	643210.10	4179854.56	FENCEINT	7.86
354	643215.04	4179854.77	FENCEINT	7.85
355	643219.98	4179854.99	FENCEINT	7.83
356	643224.92	4179855.20	FENCEINT	7.82
357	643229.86	4179855.41	FENCEINT	7.80
358	643234.80	4179855.63	FENCEINT	7.79
359	643239.74	4179855.84	FENCEINT	7.77
360	643244.68	4179856.06	FENCEINT	7.74
361	643249.42	4179861.12	FENCEINT	7.68
362	643249.23	4179865.96	FENCEINT	7.67
363	643249.03	4179870.81	FENCEINT	7.66
364	643248.83	4179875.66	FENCEINT	7.65
365	643248.64	4179880.51	FENCEINT	7.64
366	643248.44	4179885.35	FENCEINT	7.63
367	643248.24	4179890.20	FENCEINT	7.63
368	643248.05	4179895.05	FENCEINT	7.63
369	643247.85	4179899.89	FENCEINT	7.63
370	643247.65	4179904.74	FENCEINT	7.64
371	643247.46	4179909.59	FENCEINT	7.64
372	643247.26	4179914.44	FENCEINT	7.66

Receptor Pathway

AERMOD

373	643247.06	4179919.28	FENCEINT	7.69
374	643246.86	4179924.13	FENCEINT	7.71
375	643246.67	4179928.98	FENCEINT	7.67
376	643246.47	4179933.83	FENCEINT	7.64
377	643246.27	4179938.67	FENCEINT	7.62
378	643246.08	4179943.52	FENCEINT	7.59
379	643245.88	4179948.37	FENCEINT	7.56
380	643245.68	4179953.21	FENCEINT	7.53
381	643245.49	4179958.06	FENCEINT	7.50
382	643245.29	4179962.91	FENCEINT	7.48
383	643245.09	4179967.76	FENCEINT	7.48
384	643244.90	4179972.60	FENCEINT	7.48
385	643249.41	4179977.71	FENCEINT	7.48
386	643254.13	4179977.98	FENCEINT	7.45
387	643258.84	4179978.24	FENCEINT	7.42
388	643263.55	4179978.51	FENCEINT	7.37
389	643268.27	4179978.77	FENCEINT	7.32
390	643272.98	4179979.03	FENCEINT	7.28
391	643277.69	4179979.30	FENCEINT	7.23
392	643282.41	4179979.56	FENCEINT	7.19
393	643287.12	4179979.82	FENCEINT	7.15
394	643291.83	4179980.09	FENCEINT	7.11
395	643296.54	4179980.35	FENCEINT	7.08
396	643301.26	4179980.62	FENCEINT	7.07
397	643305.97	4179980.88	FENCEINT	7.07
398	643310.68	4179981.14	FENCEINT	7.07
399	643315.40	4179981.41	FENCEINT	7.08
400	643319.94	4179986.41	FENCEINT	7.15
401	643319.78	4179991.16	FENCEINT	7.11
402	643319.61	4179995.90	FENCEINT	7.07
403	643319.45	4180000.64	FENCEINT	7.04
404	643319.28	4180005.38	FENCEINT	7.01
405	643319.11	4180010.13	FENCEINT	6.98
406	643318.95	4180014.87	FENCEINT	6.96
407	643318.78	4180019.61	FENCEINT	6.94
408	643318.62	4180024.35	FENCEINT	6.93
409	643318.45	4180029.10	FENCEINT	6.92
410	643318.28	4180033.84	FENCEINT	6.92

Receptor Pathway

AERMOD

411	643318.12	4180038.58	FENCEINT	6.91
412	643317.95	4180043.32	FENCEINT	6.88
413	643317.79	4180048.07	FENCEINT	6.84
414	643312.63	4180052.62	FENCEINT	6.84
415	643307.65	4180052.43	FENCEINT	6.88
416	643302.66	4180052.24	FENCEINT	6.93
417	643297.67	4180052.05	FENCEINT	6.97
418	643292.68	4180051.86	FENCEINT	7.02
419	643287.70	4180051.67	FENCEINT	7.07
420	643282.71	4180051.48	FENCEINT	7.13
421	643277.72	4180051.29	FENCEINT	7.17
422	643272.74	4180051.10	FENCEINT	7.21
423	643267.75	4180050.91	FENCEINT	7.19
424	643262.76	4180050.72	FENCEINT	7.16
425	643257.77	4180050.53	FENCEINT	7.07
426	643252.79	4180050.34	FENCEINT	7.04
427	643247.80	4180050.14	FENCEINT	7.02
428	643242.81	4180049.95	FENCEINT	7.02
429	643237.82	4180049.76	FENCEINT	7.04
430	643232.84	4180049.57	FENCEINT	7.10
431	643227.85	4180049.38	FENCEINT	7.16
432	643222.86	4180049.19	FENCEINT	7.23
433	643217.88	4180049.00	FENCEINT	7.25
434	643212.89	4180048.81	FENCEINT	7.27
435	643207.90	4180048.62	FENCEINT	7.28
436	643202.91	4180048.43	FENCEINT	7.29
437	643197.93	4180048.24	FENCEINT	7.30
438	643192.94	4180048.05	FENCEINT	7.29
439	643187.95	4180047.86	FENCEINT	7.29
440	643182.97	4180047.67	FENCEINT	7.28
441	643177.98	4180047.48	FENCEINT	7.28
442	643172.99	4180047.29	FENCEINT	7.28
443	643168.00	4180047.10	FENCEINT	7.27
444	643163.02	4180046.91	FENCEINT	7.26
445	643158.03	4180046.72	FENCEINT	7.24
446	643153.04	4180046.53	FENCEINT	7.22
447	643148.05	4180046.34	FENCEINT	7.19
448	643143.07	4180046.15	FENCEINT	7.17

Receptor Pathway

AERMOD

449	643138.08	4180045.96	FENCEINT	7.14
450	643133.09	4180045.77	FENCEINT	7.11
451	643128.11	4180045.58	FENCEINT	7.10
452	643123.12	4180045.39	FENCEINT	7.09
453	643118.13	4180045.20	FENCEINT	7.10
454	643113.14	4180045.00	FENCEINT	7.11
455	643108.16	4180044.81	FENCEINT	7.11
456	643103.17	4180044.62	FENCEINT	7.13
457	643098.18	4180044.43	FENCEINT	7.14
458	643093.20	4180044.24	FENCEINT	7.15
459	643088.21	4180044.05	FENCEINT	7.15
460	643083.22	4180043.86	FENCEINT	7.15
461	643078.23	4180043.67	FENCEINT	7.16
462	643073.25	4180043.48	FENCEINT	7.16
463	643068.26	4180043.29	FENCEINT	7.16
464	643063.27	4180043.10	FENCEINT	7.16
465	643058.28	4180042.91	FENCEINT	7.17
466	643053.30	4180042.72	FENCEINT	7.19
467	643048.53	4180037.54	FENCEINT	7.23
468	643048.75	4180032.55	FENCEINT	7.23
469	643048.97	4180027.56	FENCEINT	7.20
470	643049.20	4180022.57	FENCEINT	7.17
471	643049.42	4180017.58	FENCEINT	7.17
472	643049.64	4180012.59	FENCEINT	7.16
473	643049.86	4180007.60	FENCEINT	7.17
474	643050.08	4180002.61	FENCEINT	7.17
475	643050.30	4179997.62	FENCEINT	7.19
476	643050.53	4179992.63	FENCEINT	7.21
477	643050.75	4179987.64	FENCEINT	7.21
478	643050.97	4179982.65	FENCEINT	7.21
479	643051.19	4179977.66	FENCEINT	7.23
480	643051.41	4179972.67	FENCEINT	7.26
481	643051.63	4179967.68	FENCEINT	7.31
482	643051.85	4179962.69	FENCEINT	7.37
483	643052.08	4179957.70	FENCEINT	7.48
484	643052.30	4179952.71	FENCEINT	7.61
485	643052.52	4179947.72	FENCEINT	7.67
486	643052.74	4179942.74	FENCEINT	7.70

Receptor Pathway

AERMOD

487	643052.96	4179937.75	FENCEINT	7.73
488	643053.18	4179932.76	FENCEINT	7.75
489	643053.41	4179927.77	FENCEINT	7.77
490	643053.63	4179922.78	FENCEINT	7.80
491	643053.85	4179917.79	FENCEINT	7.83
492	643054.07	4179912.80	FENCEINT	7.87
493	643054.29	4179907.81	FENCEINT	7.90
494	643054.51	4179902.82	FENCEINT	7.92
495	643054.73	4179897.83	FENCEINT	7.94
496	643054.96	4179892.84	FENCEINT	7.96
497	643055.18	4179887.85	FENCEINT	7.97
498	643055.40	4179882.86	FENCEINT	7.96
499	643055.62	4179877.87	FENCEINT	7.95
500	643055.84	4179872.88	FENCEINT	7.94
501	643056.06	4179867.89	FENCEINT	7.95
502	643056.29	4179862.90	FENCEINT	7.98
503	643056.51	4179857.91	FENCEINT	8.01
504	643056.73	4179852.92	FENCEINT	8.03
505	644709.80	4181175.99		5.24
506	643845.20	4181463.75		7.71
507	644330.00	4180865.21		4.60
508	644452.33	4180865.29		5.27
509	644512.10	4180798.27		7.93
510	644319.84	4180764.59		4.35
511	644308.04	4180746.23		4.90
512	644138.04	4180612.81		5.41
513	644879.84	4180073.43		6.41
514	644852.72	4180057.70		6.58
515	644815.58	4180084.08		6.54
516	644434.45	4179763.78		6.41
517	644480.49	4179753.87		6.37
518	644533.82	4179754.07		6.24
519	644572.15	4179751.45		6.22
520	644614.87	4179749.47		6.36
521	644666.65	4179744.39		6.25
522	644709.75	4179741.55		6.42
523	644654.65	4179684.42		6.98
524	644756.54	4179741.37		6.28

Receptor Pathway

AERMOD

525	644802.88	4179734.95	6.43
526	644438.45	4179613.05	6.74
527	644419.90	4179655.61	6.44
528	644515.31	4179578.76	6.95
529	644568.92	4179611.72	6.77
530	644632.74	4179604.09	6.97
531	644622.52	4179628.84	6.75
532	644692.02	4179626.72	6.77
533	644715.72	4179622.20	6.74
534	644736.91	4179575.92	6.98
535	644896.13	4179734.33	6.68
536	644890.29	4179678.94	6.88
537	644870.72	4179630.27	6.88
538	644844.88	4179581.26	6.89
539	644811.63	4179524.16	7.12
540	644888.52	4179486.80	7.31
541	644843.91	4179447.63	7.35
542	644751.04	4179453.34	7.24
543	644687.08	4179421.77	7.25
544	644651.04	4179382.11	7.43
545	644781.49	4179374.57	7.52
546	644638.75	4179524.00	6.77
547	644704.20	4179540.46	7.02
548	644720.05	4179331.30	7.66
549	644652.73	4179276.83	7.82
550	644594.69	4179286.60	7.81
551	644553.55	4179307.88	8.03
552	644582.85	4179385.45	7.42
553	644547.59	4179463.84	7.26
554	644587.96	4179533.53	6.99
555	644464.69	4179511.51	7.11
556	644458.51	4179430.01	7.27
557	644481.84	4179451.80	7.24
558	644511.17	4179343.07	7.49
559	644422.52	4179188.89	8.22
560	644494.33	4179201.46	8.16
561	644536.24	4179160.11	8.33
562	644510.90	4179123.08	8.42

Receptor Pathway

AERMOD

563	644479.20	4179133.58	8.35
564	644448.31	4179129.95	8.47
565	644452.76	4179185.46	8.12
566	644819.26	4178110.75	12.44
567	644432.02	4178184.01	11.91
568	643789.26	4178237.48	13.01
569	643119.53	4178034.41	14.98
570	640400.83	4178086.93	15.28
571	640651.52	4182600.78	6.74
572	640381.96	4182411.74	4.34
573	640647.52	4182373.39	4.00
574	640650.54	4182298.58	4.20
575	641085.45	4182754.82	4.65
576	641137.09	4182713.73	4.54
577	644304.24	4182367.65	3.81
578	644313.47	4182401.60	3.57
579	644346.08	4182544.35	3.82
580	644342.13	4182579.51	3.77
581	644298.15	4182492.21	3.32
582	644334.86	4182819.85	3.93

Plant Boundary Receptors

Cartesian Plant Boundary

Primary

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643056.95	4179847.93	FENCEPRI	8.07	
2	643249.62	4179856.27	FENCEPRI	7.72	
3	643244.70	4179977.45	FENCEPRI	7.48	
4	643320.11	4179981.67	FENCEPRI	7.10	
5	643317.62	4180052.81	FENCEPRI	6.83	
6	643048.31	4180042.53	FENCEPRI	7.22	
7	642318.43	4180542.45	FENCEPRI	7.83	
8	642488.83	4180403.43	FENCEPRI	7.84	
9	642742.65	4180692.50	FENCEPRI	5.20	
10	642577.68	4180841.37	FENCEPRI	5.32	

Intermediate

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
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Receptor Pathway

AERMOD

1	643061.89	4179848.14	FENCEINT	7.88	
2	643066.83	4179848.36	FENCEINT	7.82	
3	643071.77	4179848.57	FENCEINT	7.83	
4	643076.71	4179848.79	FENCEINT	7.80	
5	643081.65	4179849.00	FENCEINT	7.76	
6	643086.59	4179849.21	FENCEINT	7.74	
7	643091.53	4179849.43	FENCEINT	7.72	
8	643096.47	4179849.64	FENCEINT	7.71	
9	643101.41	4179849.85	FENCEINT	7.70	
10	643106.35	4179850.07	FENCEINT	7.70	
11	643111.29	4179850.28	FENCEINT	7.73	
12	643116.23	4179850.50	FENCEINT	7.74	
13	643121.17	4179850.71	FENCEINT	7.75	
14	643126.11	4179850.92	FENCEINT	7.75	
15	643131.05	4179851.14	FENCEINT	7.75	
16	643135.99	4179851.35	FENCEINT	7.76	
17	643140.93	4179851.57	FENCEINT	7.75	
18	643145.87	4179851.78	FENCEINT	7.74	
19	643150.81	4179851.99	FENCEINT	7.77	
20	643155.76	4179852.21	FENCEINT	7.81	
21	643160.70	4179852.42	FENCEINT	7.85	
22	643165.64	4179852.63	FENCEINT	7.87	
23	643170.58	4179852.85	FENCEINT	7.88	
24	643175.52	4179853.06	FENCEINT	7.87	
25	643180.46	4179853.28	FENCEINT	7.87	
26	643185.40	4179853.49	FENCEINT	7.88	
27	643190.34	4179853.70	FENCEINT	7.87	
28	643195.28	4179853.92	FENCEINT	7.87	
29	643200.22	4179854.13	FENCEINT	7.86	
30	643205.16	4179854.35	FENCEINT	7.86	
31	643210.10	4179854.56	FENCEINT	7.86	
32	643215.04	4179854.77	FENCEINT	7.85	
33	643219.98	4179854.99	FENCEINT	7.83	
34	643224.92	4179855.20	FENCEINT	7.82	
35	643229.86	4179855.41	FENCEINT	7.80	
36	643234.80	4179855.63	FENCEINT	7.79	
37	643239.74	4179855.84	FENCEINT	7.77	
38	643244.68	4179856.06	FENCEINT	7.74	
39	643249.42	4179861.12	FENCEINT	7.68	
40	643249.23	4179865.96	FENCEINT	7.67	
41	643249.03	4179870.81	FENCEINT	7.66	

Receptor Pathway

AERMOD

42	643248.83	4179875.66	FENCEINT	7.65	
43	643248.64	4179880.51	FENCEINT	7.64	
44	643248.44	4179885.35	FENCEINT	7.63	
45	643248.24	4179890.20	FENCEINT	7.63	
46	643248.05	4179895.05	FENCEINT	7.63	
47	643247.85	4179899.89	FENCEINT	7.63	
48	643247.65	4179904.74	FENCEINT	7.64	
49	643247.46	4179909.59	FENCEINT	7.64	
50	643247.26	4179914.44	FENCEINT	7.66	
51	643247.06	4179919.28	FENCEINT	7.69	
52	643246.86	4179924.13	FENCEINT	7.71	
53	643246.67	4179928.98	FENCEINT	7.67	
54	643246.47	4179933.83	FENCEINT	7.64	
55	643246.27	4179938.67	FENCEINT	7.62	
56	643246.08	4179943.52	FENCEINT	7.59	
57	643245.88	4179948.37	FENCEINT	7.56	
58	643245.68	4179953.21	FENCEINT	7.53	
59	643245.49	4179958.06	FENCEINT	7.50	
60	643245.29	4179962.91	FENCEINT	7.48	
61	643245.09	4179967.76	FENCEINT	7.48	
62	643244.90	4179972.60	FENCEINT	7.48	
63	643249.41	4179977.71	FENCEINT	7.48	
64	643254.13	4179977.98	FENCEINT	7.45	
65	643258.84	4179978.24	FENCEINT	7.42	
66	643263.55	4179978.51	FENCEINT	7.37	
67	643268.27	4179978.77	FENCEINT	7.32	
68	643272.98	4179979.03	FENCEINT	7.28	
69	643277.69	4179979.30	FENCEINT	7.23	
70	643282.41	4179979.56	FENCEINT	7.19	
71	643287.12	4179979.82	FENCEINT	7.15	
72	643291.83	4179980.09	FENCEINT	7.11	
73	643296.54	4179980.35	FENCEINT	7.08	
74	643301.26	4179980.62	FENCEINT	7.07	
75	643305.97	4179980.88	FENCEINT	7.07	
76	643310.68	4179981.14	FENCEINT	7.07	
77	643315.40	4179981.41	FENCEINT	7.08	
78	643319.94	4179986.41	FENCEINT	7.15	
79	643319.78	4179991.16	FENCEINT	7.11	
80	643319.61	4179995.90	FENCEINT	7.07	
81	643319.45	4180000.64	FENCEINT	7.04	
82	643319.28	4180005.38	FENCEINT	7.01	

Receptor Pathway

AERMOD

83	643319.11	4180010.13	FENCEINT	6.98	
84	643318.95	4180014.87	FENCEINT	6.96	
85	643318.78	4180019.61	FENCEINT	6.94	
86	643318.62	4180024.35	FENCEINT	6.93	
87	643318.45	4180029.10	FENCEINT	6.92	
88	643318.28	4180033.84	FENCEINT	6.92	
89	643318.12	4180038.58	FENCEINT	6.91	
90	643317.95	4180043.32	FENCEINT	6.88	
91	643317.79	4180048.07	FENCEINT	6.84	
92	643312.63	4180052.62	FENCEINT	6.84	
93	643307.65	4180052.43	FENCEINT	6.88	
94	643302.66	4180052.24	FENCEINT	6.93	
95	643297.67	4180052.05	FENCEINT	6.97	
96	643292.68	4180051.86	FENCEINT	7.02	
97	643287.70	4180051.67	FENCEINT	7.07	
98	643282.71	4180051.48	FENCEINT	7.13	
99	643277.72	4180051.29	FENCEINT	7.17	
100	643272.74	4180051.10	FENCEINT	7.21	
101	643267.75	4180050.91	FENCEINT	7.19	
102	643262.76	4180050.72	FENCEINT	7.16	
103	643257.77	4180050.53	FENCEINT	7.07	
104	643252.79	4180050.34	FENCEINT	7.04	
105	643247.80	4180050.14	FENCEINT	7.02	
106	643242.81	4180049.95	FENCEINT	7.02	
107	643237.82	4180049.76	FENCEINT	7.04	
108	643232.84	4180049.57	FENCEINT	7.10	
109	643227.85	4180049.38	FENCEINT	7.16	
110	643222.86	4180049.19	FENCEINT	7.23	
111	643217.88	4180049.00	FENCEINT	7.25	
112	643212.89	4180048.81	FENCEINT	7.27	
113	643207.90	4180048.62	FENCEINT	7.28	
114	643202.91	4180048.43	FENCEINT	7.29	
115	643197.93	4180048.24	FENCEINT	7.30	
116	643192.94	4180048.05	FENCEINT	7.29	
117	643187.95	4180047.86	FENCEINT	7.29	
118	643182.97	4180047.67	FENCEINT	7.28	
119	643177.98	4180047.48	FENCEINT	7.28	
120	643172.99	4180047.29	FENCEINT	7.28	
121	643168.00	4180047.10	FENCEINT	7.27	
122	643163.02	4180046.91	FENCEINT	7.26	
123	643158.03	4180046.72	FENCEINT	7.24	

Receptor Pathway

AERMOD

124	643153.04	4180046.53	FENCEINT	7.22	
125	643148.05	4180046.34	FENCEINT	7.19	
126	643143.07	4180046.15	FENCEINT	7.17	
127	643138.08	4180045.96	FENCEINT	7.14	
128	643133.09	4180045.77	FENCEINT	7.11	
129	643128.11	4180045.58	FENCEINT	7.10	
130	643123.12	4180045.39	FENCEINT	7.09	
131	643118.13	4180045.20	FENCEINT	7.10	
132	643113.14	4180045.00	FENCEINT	7.11	
133	643108.16	4180044.81	FENCEINT	7.11	
134	643103.17	4180044.62	FENCEINT	7.13	
135	643098.18	4180044.43	FENCEINT	7.14	
136	643093.20	4180044.24	FENCEINT	7.15	
137	643088.21	4180044.05	FENCEINT	7.15	
138	643083.22	4180043.86	FENCEINT	7.15	
139	643078.23	4180043.67	FENCEINT	7.16	
140	643073.25	4180043.48	FENCEINT	7.16	
141	643068.26	4180043.29	FENCEINT	7.16	
142	643063.27	4180043.10	FENCEINT	7.16	
143	643058.28	4180042.91	FENCEINT	7.17	
144	643053.30	4180042.72	FENCEINT	7.19	
145	643048.53	4180037.54	FENCEINT	7.23	
146	643048.75	4180032.55	FENCEINT	7.23	
147	643048.97	4180027.56	FENCEINT	7.20	
148	643049.20	4180022.57	FENCEINT	7.17	
149	643049.42	4180017.58	FENCEINT	7.17	
150	643049.64	4180012.59	FENCEINT	7.16	
151	643049.86	4180007.60	FENCEINT	7.17	
152	643050.08	4180002.61	FENCEINT	7.17	
153	643050.30	4179997.62	FENCEINT	7.19	
154	643050.53	4179992.63	FENCEINT	7.21	
155	643050.75	4179987.64	FENCEINT	7.21	
156	643050.97	4179982.65	FENCEINT	7.21	
157	643051.19	4179977.66	FENCEINT	7.23	
158	643051.41	4179972.67	FENCEINT	7.26	
159	643051.63	4179967.68	FENCEINT	7.31	
160	643051.85	4179962.69	FENCEINT	7.37	
161	643052.08	4179957.70	FENCEINT	7.48	
162	643052.30	4179952.71	FENCEINT	7.61	
163	643052.52	4179947.72	FENCEINT	7.67	
164	643052.74	4179942.74	FENCEINT	7.70	

Receptor Pathway

AERMOD

165	643052.96	4179937.75	FENCEINT	7.73	
166	643053.18	4179932.76	FENCEINT	7.75	
167	643053.41	4179927.77	FENCEINT	7.77	
168	643053.63	4179922.78	FENCEINT	7.80	
169	643053.85	4179917.79	FENCEINT	7.83	
170	643054.07	4179912.80	FENCEINT	7.87	
171	643054.29	4179907.81	FENCEINT	7.90	
172	643054.51	4179902.82	FENCEINT	7.92	
173	643054.73	4179897.83	FENCEINT	7.94	
174	643054.96	4179892.84	FENCEINT	7.96	
175	643055.18	4179887.85	FENCEINT	7.97	
176	643055.40	4179882.86	FENCEINT	7.96	
177	643055.62	4179877.87	FENCEINT	7.95	
178	643055.84	4179872.88	FENCEINT	7.94	
179	643056.06	4179867.89	FENCEINT	7.95	
180	643056.29	4179862.90	FENCEINT	7.98	
181	643056.51	4179857.91	FENCEINT	8.01	
182	643056.73	4179852.92	FENCEINT	8.03	
183	642322.30	4180539.29	FENCEINT	7.82	
184	642326.18	4180536.13	FENCEINT	7.87	
185	642330.05	4180532.97	FENCEINT	7.86	
186	642333.92	4180529.81	FENCEINT	7.89	
187	642337.79	4180526.65	FENCEINT	7.92	
188	642341.67	4180523.49	FENCEINT	7.98	
189	642345.54	4180520.33	FENCEINT	7.89	
190	642349.41	4180517.17	FENCEINT	7.93	
191	642353.28	4180514.01	FENCEINT	7.95	
192	642357.16	4180510.85	FENCEINT	7.88	
193	642361.03	4180507.70	FENCEINT	7.89	
194	642364.90	4180504.54	FENCEINT	7.92	
195	642368.78	4180501.38	FENCEINT	7.88	
196	642372.65	4180498.22	FENCEINT	7.88	
197	642376.52	4180495.06	FENCEINT	7.93	
198	642380.39	4180491.90	FENCEINT	7.88	
199	642384.27	4180488.74	FENCEINT	7.90	
200	642388.14	4180485.58	FENCEINT	7.90	
201	642392.01	4180482.42	FENCEINT	7.89	
202	642395.88	4180479.26	FENCEINT	7.85	
203	642399.76	4180476.10	FENCEINT	7.89	
204	642403.63	4180472.94	FENCEINT	7.88	
205	642407.50	4180469.78	FENCEINT	7.89	

Receptor Pathway

AERMOD

206	642411.38	4180466.62	FENCEINT	7.90	
207	642415.25	4180463.46	FENCEINT	7.89	
208	642419.12	4180460.30	FENCEINT	7.87	
209	642422.99	4180457.14	FENCEINT	7.89	
210	642426.87	4180453.98	FENCEINT	7.91	
211	642430.74	4180450.82	FENCEINT	7.88	
212	642434.61	4180447.66	FENCEINT	7.91	
213	642438.48	4180444.50	FENCEINT	7.90	
214	642442.36	4180441.34	FENCEINT	7.88	
215	642446.23	4180438.19	FENCEINT	7.87	
216	642450.10	4180435.03	FENCEINT	7.89	
217	642453.98	4180431.87	FENCEINT	7.86	
218	642457.85	4180428.71	FENCEINT	7.88	
219	642461.72	4180425.55	FENCEINT	7.87	
220	642465.59	4180422.39	FENCEINT	7.85	
221	642469.47	4180419.23	FENCEINT	7.85	
222	642473.34	4180416.07	FENCEINT	7.86	
223	642477.21	4180412.91	FENCEINT	7.85	
224	642481.08	4180409.75	FENCEINT	7.86	
225	642484.96	4180406.59	FENCEINT	7.87	
226	642492.13	4180407.18	FENCEINT	7.68	
227	642495.42	4180410.94	FENCEINT	7.54	
228	642498.72	4180414.69	FENCEINT	7.43	
229	642502.02	4180418.45	FENCEINT	7.40	
230	642505.31	4180422.20	FENCEINT	7.38	
231	642508.61	4180425.95	FENCEINT	7.35	
232	642511.90	4180429.71	FENCEINT	7.32	
233	642515.20	4180433.46	FENCEINT	7.30	
234	642518.50	4180437.22	FENCEINT	7.27	
235	642521.79	4180440.97	FENCEINT	7.25	
236	642525.09	4180444.73	FENCEINT	7.23	
237	642528.39	4180448.48	FENCEINT	7.20	
238	642531.68	4180452.23	FENCEINT	7.18	
239	642534.98	4180455.99	FENCEINT	7.15	
240	642538.28	4180459.74	FENCEINT	7.13	
241	642541.57	4180463.50	FENCEINT	7.10	
242	642544.87	4180467.25	FENCEINT	7.08	
243	642548.16	4180471.00	FENCEINT	7.05	
244	642551.46	4180474.76	FENCEINT	7.02	
245	642554.76	4180478.51	FENCEINT	6.99	
246	642558.05	4180482.27	FENCEINT	6.97	

Receptor Pathway

AERMOD

247	642561.35	4180486.02	FENCEINT	6.95	
248	642564.65	4180489.78	FENCEINT	6.92	
249	642567.94	4180493.53	FENCEINT	6.89	
250	642571.24	4180497.28	FENCEINT	6.87	
251	642574.54	4180501.04	FENCEINT	6.84	
252	642577.83	4180504.79	FENCEINT	6.81	
253	642581.13	4180508.55	FENCEINT	6.78	
254	642584.42	4180512.30	FENCEINT	6.75	
255	642587.72	4180516.05	FENCEINT	6.73	
256	642591.02	4180519.81	FENCEINT	6.70	
257	642594.31	4180523.56	FENCEINT	6.68	
258	642597.61	4180527.32	FENCEINT	6.65	
259	642600.91	4180531.07	FENCEINT	6.63	
260	642604.20	4180534.83	FENCEINT	6.60	
261	642607.50	4180538.58	FENCEINT	6.57	
262	642610.80	4180542.33	FENCEINT	6.54	
263	642614.09	4180546.09	FENCEINT	6.51	
264	642617.39	4180549.84	FENCEINT	6.49	
265	642620.68	4180553.60	FENCEINT	6.46	
266	642623.98	4180557.35	FENCEINT	6.43	
267	642627.28	4180561.10	FENCEINT	6.41	
268	642630.57	4180564.86	FENCEINT	6.38	
269	642633.87	4180568.61	FENCEINT	6.36	
270	642637.17	4180572.37	FENCEINT	6.33	
271	642640.46	4180576.12	FENCEINT	6.30	
272	642643.76	4180579.88	FENCEINT	6.27	
273	642647.06	4180583.63	FENCEINT	6.24	
274	642650.35	4180587.38	FENCEINT	6.22	
275	642653.65	4180591.14	FENCEINT	6.20	
276	642656.94	4180594.89	FENCEINT	6.17	
277	642660.24	4180598.65	FENCEINT	6.14	
278	642663.54	4180602.40	FENCEINT	6.11	
279	642666.83	4180606.15	FENCEINT	6.09	
280	642670.13	4180609.91	FENCEINT	6.06	
281	642673.43	4180613.66	FENCEINT	6.03	
282	642676.72	4180617.42	FENCEINT	6.00	
283	642680.02	4180621.17	FENCEINT	5.98	
284	642683.32	4180624.93	FENCEINT	5.95	
285	642686.61	4180628.68	FENCEINT	5.93	
286	642689.91	4180632.43	FENCEINT	5.91	
287	642693.20	4180636.19	FENCEINT	5.89	

Receptor Pathway

AERMOD

288	642696.50	4180639.94	FENCEINT	5.86	
289	642699.80	4180643.70	FENCEINT	5.84	
290	642703.09	4180647.45	FENCEINT	5.82	
291	642706.39	4180651.20	FENCEINT	5.80	
292	642709.69	4180654.96	FENCEINT	5.78	
293	642712.98	4180658.71	FENCEINT	5.75	
294	642716.28	4180662.47	FENCEINT	5.73	
295	642719.58	4180666.22	FENCEINT	5.71	
296	642722.87	4180669.98	FENCEINT	5.69	
297	642726.17	4180673.73	FENCEINT	5.67	
298	642729.46	4180677.48	FENCEINT	5.63	
299	642732.76	4180681.24	FENCEINT	5.58	
300	642736.06	4180684.99	FENCEINT	5.55	
301	642739.35	4180688.75	FENCEINT	5.40	
302	642738.98	4180695.81	FENCEINT	5.11	
303	642735.32	4180699.12	FENCEINT	5.23	
304	642731.65	4180702.42	FENCEINT	5.13	
305	642727.99	4180705.73	FENCEINT	5.07	
306	642724.32	4180709.04	FENCEINT	5.17	
307	642720.65	4180712.35	FENCEINT	5.07	
308	642716.99	4180715.66	FENCEINT	5.04	
309	642713.32	4180718.97	FENCEINT	5.12	
310	642709.66	4180722.27	FENCEINT	5.09	
311	642705.99	4180725.58	FENCEINT	4.95	
312	642702.32	4180728.89	FENCEINT	5.11	
313	642698.66	4180732.20	FENCEINT	5.05	
314	642694.99	4180735.51	FENCEINT	4.96	
315	642691.33	4180738.82	FENCEINT	5.09	
316	642687.66	4180742.12	FENCEINT	5.04	
317	642683.99	4180745.43	FENCEINT	4.95	
318	642680.33	4180748.74	FENCEINT	4.99	
319	642676.66	4180752.05	FENCEINT	5.01	
320	642673.00	4180755.36	FENCEINT	4.80	
321	642669.33	4180758.66	FENCEINT	4.98	
322	642665.66	4180761.97	FENCEINT	4.96	
323	642662.00	4180765.28	FENCEINT	4.85	
324	642658.33	4180768.59	FENCEINT	5.09	
325	642654.67	4180771.90	FENCEINT	5.23	
326	642651.00	4180775.21	FENCEINT	5.14	
327	642647.33	4180778.51	FENCEINT	5.07	
328	642643.67	4180781.82	FENCEINT	5.13	

Receptor Pathway

AERMOD

329	642640.00	4180785.13	FENCEINT	4.96	
330	642636.34	4180788.44	FENCEINT	5.06	
331	642632.67	4180791.75	FENCEINT	5.12	
332	642629.00	4180795.05	FENCEINT	5.05	
333	642625.34	4180798.36	FENCEINT	5.06	
334	642621.67	4180801.67	FENCEINT	5.13	
335	642618.01	4180804.98	FENCEINT	5.09	
336	642614.34	4180808.29	FENCEINT	5.03	
337	642610.67	4180811.60	FENCEINT	5.17	
338	642607.01	4180814.90	FENCEINT	5.09	
339	642603.34	4180818.21	FENCEINT	5.09	
340	642599.68	4180821.52	FENCEINT	5.15	
341	642596.01	4180824.83	FENCEINT	5.14	
342	642592.34	4180828.14	FENCEINT	5.10	
343	642588.68	4180831.45	FENCEINT	5.18	
344	642585.01	4180834.75	FENCEINT	5.22	
345	642581.35	4180838.06	FENCEINT	5.13	
346	642574.44	4180837.63	FENCEINT	5.27	
347	642571.20	4180833.90	FENCEINT	5.31	
348	642567.96	4180830.16	FENCEINT	5.36	
349	642564.72	4180826.42	FENCEINT	5.40	
350	642561.48	4180822.69	FENCEINT	5.36	
351	642558.24	4180818.95	FENCEINT	5.38	
352	642555.00	4180815.21	FENCEINT	5.42	
353	642551.76	4180811.48	FENCEINT	5.45	
354	642548.51	4180807.74	FENCEINT	5.50	
355	642545.27	4180804.01	FENCEINT	5.53	
356	642542.03	4180800.27	FENCEINT	5.55	
357	642538.79	4180796.53	FENCEINT	5.57	
358	642535.55	4180792.80	FENCEINT	5.59	
359	642532.31	4180789.06	FENCEINT	5.62	
360	642529.07	4180785.32	FENCEINT	5.66	
361	642525.83	4180781.59	FENCEINT	5.68	
362	642522.59	4180777.85	FENCEINT	5.70	
363	642519.35	4180774.11	FENCEINT	5.72	
364	642516.11	4180770.38	FENCEINT	5.75	
365	642512.87	4180766.64	FENCEINT	5.78	
366	642509.63	4180762.90	FENCEINT	5.81	
367	642506.39	4180759.17	FENCEINT	5.82	
368	642503.15	4180755.43	FENCEINT	5.84	
369	642499.91	4180751.69	FENCEINT	5.87	

Receptor Pathway

AERMOD

370	642496.66	4180747.96	FENCEINT	5.90	
371	642493.42	4180744.22	FENCEINT	5.93	
372	642490.18	4180740.48	FENCEINT	5.96	
373	642486.94	4180736.75	FENCEINT	5.99	
374	642483.70	4180733.01	FENCEINT	6.03	
375	642480.46	4180729.28	FENCEINT	6.05	
376	642477.22	4180725.54	FENCEINT	6.07	
377	642473.98	4180721.80	FENCEINT	6.11	
378	642470.74	4180718.07	FENCEINT	6.16	
379	642467.50	4180714.33	FENCEINT	6.19	
380	642464.26	4180710.59	FENCEINT	6.20	
381	642461.02	4180706.86	FENCEINT	6.21	
382	642457.78	4180703.12	FENCEINT	6.23	
383	642454.54	4180699.38	FENCEINT	6.24	
384	642451.30	4180695.65	FENCEINT	6.26	
385	642448.06	4180691.91	FENCEINT	6.29	
386	642444.81	4180688.17	FENCEINT	6.34	
387	642441.57	4180684.44	FENCEINT	6.36	
388	642438.33	4180680.70	FENCEINT	6.39	
389	642435.09	4180676.96	FENCEINT	6.42	
390	642431.85	4180673.23	FENCEINT	6.44	
391	642428.61	4180669.49	FENCEINT	6.47	
392	642425.37	4180665.75	FENCEINT	6.51	
393	642422.13	4180662.02	FENCEINT	6.55	
394	642418.89	4180658.28	FENCEINT	6.59	
395	642415.65	4180654.55	FENCEINT	6.61	
396	642412.41	4180650.81	FENCEINT	6.63	
397	642409.17	4180647.07	FENCEINT	6.66	
398	642405.93	4180643.34	FENCEINT	6.70	
399	642402.69	4180639.60	FENCEINT	6.73	
400	642399.45	4180635.86	FENCEINT	6.75	
401	642396.21	4180632.13	FENCEINT	6.78	
402	642392.96	4180628.39	FENCEINT	6.82	
403	642389.72	4180624.65	FENCEINT	6.84	
404	642386.48	4180620.92	FENCEINT	6.85	
405	642383.24	4180617.18	FENCEINT	6.87	
406	642380.00	4180613.44	FENCEINT	6.90	
407	642376.76	4180609.71	FENCEINT	6.93	
408	642373.52	4180605.97	FENCEINT	6.97	
409	642370.28	4180602.23	FENCEINT	7.00	
410	642367.04	4180598.50	FENCEINT	7.04	

Receptor Pathway

AERMOD

411	642363.80	4180594.76	FENCEINT	7.07	
412	642360.56	4180591.02	FENCEINT	7.09	
413	642357.32	4180587.29	FENCEINT	7.11	
414	642354.08	4180583.55	FENCEINT	7.13	
415	642350.84	4180579.82	FENCEINT	7.16	
416	642347.60	4180576.08	FENCEINT	7.19	
417	642344.36	4180572.34	FENCEINT	7.23	
418	642341.11	4180568.61	FENCEINT	7.27	
419	642337.87	4180564.87	FENCEINT	7.32	
420	642334.63	4180561.13	FENCEINT	7.37	
421	642331.39	4180557.40	FENCEINT	7.42	
422	642328.15	4180553.66	FENCEINT	7.49	
423	642324.91	4180549.92	FENCEINT	7.61	
424	642321.67	4180546.19	FENCEINT	7.74	

Receptor Groups

Record Number	Group ID	Group Description
1	FENCEPRI	Cartesian plant boundary Primary Receptors
2	FENCEINT	Cartesian plant boundary Intermediate Receptors

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.SFC
Format Type: Default AERMET format

Profile Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.PFL
Format Type: Default AERMET format

Wind Speed



Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 14.00 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2004			Station ID 66666
Upper Air		2004			

Data Period

Data Period to Process

Start Date: 1/1/2004 Start Hour: 1 End Date: 12/31/2008 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00551	ug/m^3	r	642423.59	4180906.20	5.74	0.00	5.74	
PERIOD		0.00542	ug/m^3	r	642441.65	4180909.13	5.71	0.00	5.71	
PERIOD		0.00632	ug/m^3	r	642480.08	4180894.46	6.83	0.00	6.83	
PERIOD		0.00637	ug/m^3	r	642519.76	4180888.29	5.42	0.00	5.42	
PERIOD		0.00518	ug/m^3	r	642566.51	4180882.54	5.07	0.00	5.07	
PERIOD		0.00405	ug/m^3	r	642626.31	4180850.18	5.27	0.00	5.27	
PERIOD		0.00566	ug/m^3	r	642669.21	4180807.50	4.70	0.00	4.70	
PERIOD		0.00954	ug/m^3	r	642766.30	4180717.00	5.31	0.00	5.31	
PERIOD		0.01061	ug/m^3	r	642864.59	4180554.77	5.81	0.00	5.81	
PERIOD		0.01303	ug/m^3	r	642843.70	4180532.79	5.99	0.00	5.99	
PERIOD		0.00195	ug/m^3	r	642612.01	4179848.87	9.81	0.00	9.81	
PERIOD		0.00171	ug/m^3	r	642624.90	4179791.78	10.39	0.00	10.39	
PERIOD		0.00175	ug/m^3	r	642639.86	4179791.65	10.35	0.00	10.35	
PERIOD		0.00186	ug/m^3	r	642667.43	4179795.46	9.94	0.00	9.94	
PERIOD		0.00194	ug/m^3	r	642693.29	4179797.16	9.84	0.00	9.84	
PERIOD		0.00203	ug/m^3	r	642728.95	4179797.77	9.79	0.00	9.79	
PERIOD		0.00220	ug/m^3	r	642798.23	4179801.48	9.03	0.00	9.03	
PERIOD		0.00223	ug/m^3	r	642838.25	4179796.55	8.93	0.00	8.93	
PERIOD		0.00231	ug/m^3	r	642873.35	4179801.20	8.83	0.00	8.83	
PERIOD		0.00237	ug/m^3	r	642903.14	4179804.04	8.64	0.00	8.64	

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00287	ug/m^3	r	642861.85	4179877.44	8.79	0.00	8.79	
PERIOD		0.00296	ug/m^3	r	642915.46	4179883.14	9.24	0.00	9.24	
PERIOD		0.00332	ug/m^3	r	642889.34	4179922.70	8.80	0.00	8.80	
PERIOD		0.00369	ug/m^3	r	642916.53	4179957.30	8.35	0.00	8.35	
PERIOD		0.00450	ug/m^3	r	642846.92	4180017.86	8.29	0.00	8.29	
PERIOD		0.00341	ug/m^3	r	642969.73	4179932.63	8.53	0.00	8.53	
PERIOD		0.00342	ug/m^3	r	642984.82	4179936.19	8.37	0.00	8.37	
PERIOD		0.00335	ug/m^3	r	643006.43	4179931.45	8.58	0.00	8.58	
PERIOD		0.00295	ug/m^3	r	643027.44	4179882.32	8.62	0.00	8.62	
PERIOD		0.00244	ug/m^3	r	642942.74	4179809.51	8.49	0.00	8.49	
PERIOD		0.00246	ug/m^3	r	642986.00	4179809.05	8.33	0.00	8.33	
PERIOD		0.00243	ug/m^3	r	643009.48	4179802.10	8.33	0.00	8.33	
PERIOD		0.00241	ug/m^3	r	643092.88	4179800.30	7.67	0.00	7.67	
PERIOD		0.00246	ug/m^3	r	643107.73	4179811.01	7.72	0.00	7.72	
PERIOD		0.00244	ug/m^3	r	643138.65	4179813.25	8.23	0.00	8.23	
PERIOD		0.00228	ug/m^3	r	643123.91	4179779.64	8.25	0.00	8.25	
PERIOD		0.00226	ug/m^3	r	643160.42	4179780.20	8.27	0.00	8.27	
PERIOD		0.00217	ug/m^3	r	643175.36	4179761.55	8.29	0.00	8.29	
PERIOD		0.00219	ug/m^3	r	643163.42	4179763.67	8.32	0.00	8.32	
PERIOD		0.00216	ug/m^3	r	643139.64	4179753.74	8.35	0.00	8.35	
PERIOD		0.00212	ug/m^3	r	643144.44	4179746.59	8.39	0.00	8.39	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00220	ug/m^3	r	643213.32	4179778.97	8.13	0.00	8.13	
PERIOD		0.00235	ug/m^3	r	643220.99	4179818.86	7.81	0.00	7.81	
PERIOD		0.00233	ug/m^3	r	643231.24	4179817.25	7.83	0.00	7.83	
PERIOD		0.00237	ug/m^3	r	643195.08	4179812.50	7.85	0.00	7.85	
PERIOD		0.00222	ug/m^3	r	643266.55	4179806.39	7.79	0.00	7.79	
PERIOD		0.00211	ug/m^3	r	643225.65	4179758.26	8.28	0.00	8.28	
PERIOD		0.00212	ug/m^3	r	643235.56	4179763.82	8.27	0.00	8.27	
PERIOD		0.00207	ug/m^3	r	643180.87	4179738.16	8.54	0.00	8.54	
PERIOD		0.00192	ug/m^3	r	643132.53	4179699.67	8.87	0.00	8.87	
PERIOD		0.00189	ug/m^3	r	643117.14	4179693.48	8.81	0.00	8.81	
PERIOD		0.00186	ug/m^3	r	643101.08	4179686.86	8.98	0.00	8.98	
PERIOD		0.00186	ug/m^3	r	643069.34	4179691.13	9.02	0.00	9.02	
PERIOD		0.00196	ug/m^3	r	643077.53	4179710.91	8.88	0.00	8.88	
PERIOD		0.00107	ug/m^3	r	643018.96	4179438.01	10.05	0.00	10.05	
PERIOD		0.00129	ug/m^3	r	643084.59	4179523.29	9.74	0.00	9.74	
PERIOD		0.00127	ug/m^3	r	643123.69	4179508.56	9.65	0.00	9.65	
PERIOD		0.00130	ug/m^3	r	643205.32	4179504.68	9.73	0.00	9.73	
PERIOD		0.00135	ug/m^3	r	643205.63	4179524.47	9.49	0.00	9.49	
PERIOD		0.00118	ug/m^3	r	643228.04	4179453.82	9.60	0.00	9.60	
PERIOD		0.00110	ug/m^3	r	643191.32	4179422.31	9.37	0.00	9.37	
PERIOD		0.00119	ug/m^3	r	643156.40	4179471.78	9.88	0.00	9.88	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00137	ug/m^3	r	643267.56	4179525.34	9.42	0.00	9.42	
PERIOD		0.00147	ug/m^3	r	643239.54	4179565.68	9.28	0.00	9.28	
PERIOD		0.00149	ug/m^3	r	643269.96	4179568.47	9.13	0.00	9.13	
PERIOD		0.00143	ug/m^3	r	643276.56	4179548.69	9.25	0.00	9.25	
PERIOD		0.00156	ug/m^3	r	643304.54	4179598.63	8.34	0.00	8.34	
PERIOD		0.00156	ug/m^3	r	643198.44	4179596.54	9.10	0.00	9.10	
PERIOD		0.00152	ug/m^3	r	643165.27	4179587.66	9.05	0.00	9.05	
PERIOD		0.00169	ug/m^3	r	643279.62	4179642.39	8.41	0.00	8.41	
PERIOD		0.00174	ug/m^3	r	643342.12	4179677.63	8.40	0.00	8.40	
PERIOD		0.00174	ug/m^3	r	643365.52	4179686.82	8.14	0.00	8.14	
PERIOD		0.00173	ug/m^3	r	643412.02	4179712.59	8.03	0.00	8.03	
PERIOD		0.00172	ug/m^3	r	643426.83	4179720.88	8.06	0.00	8.06	
PERIOD		0.00175	ug/m^3	r	643443.06	4179763.53	7.71	0.00	7.71	
PERIOD		0.00168	ug/m^3	r	643462.19	4179738.10	7.72	0.00	7.72	
PERIOD		0.00165	ug/m^3	r	643477.05	4179744.65	7.75	0.00	7.75	
PERIOD		0.00137	ug/m^3	r	643609.19	4179779.40	6.99	0.00	6.99	
PERIOD		0.00144	ug/m^3	r	643581.34	4179779.40	7.10	0.00	7.10	
PERIOD		0.00157	ug/m^3	r	643486.28	4179690.48	7.69	0.00	7.69	
PERIOD		0.00160	ug/m^3	r	643461.70	4179683.07	7.85	0.00	7.85	
PERIOD		0.00158	ug/m^3	r	643435.58	4179649.08	7.89	0.00	7.89	
PERIOD		0.00158	ug/m^3	r	643445.96	4179656.83	7.86	0.00	7.86	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00161	ug/m^3	r	643433.08	4179668.66	7.88	0.00	7.88	
PERIOD		0.00151	ug/m^3	r	643472.43	4179636.73	7.74	0.00	7.74	
PERIOD		0.00143	ug/m^3	r	643467.63	4179586.55	7.66	0.00	7.66	
PERIOD		0.00141	ug/m^3	r	643474.60	4179575.24	7.82	0.00	7.82	
PERIOD		0.00135	ug/m^3	r	643488.40	4179549.74	7.60	0.00	7.60	
PERIOD		0.00060	ug/m^3	r	644226.05	4179433.08	7.30	0.00	7.30	
PERIOD		0.00089	ug/m^3	r	643856.00	4179782.95	6.39	0.00	6.39	
PERIOD		0.00083	ug/m^3	r	643894.54	4179783.96	6.19	0.00	6.19	
PERIOD		0.00082	ug/m^3	r	643904.86	4179771.37	6.11	0.00	6.11	
PERIOD		0.00083	ug/m^3	r	643902.09	4179750.97	6.08	0.00	6.08	
PERIOD		0.00088	ug/m^3	r	643884.46	4179690.78	6.26	0.00	6.26	
PERIOD		0.00045	ug/m^3	r	643988.56	4178601.40	11.42	0.00	11.42	
PERIOD		0.00044	ug/m^3	r	643970.67	4178600.51	11.44	0.00	11.44	
PERIOD		0.00044	ug/m^3	r	643953.35	4178599.84	11.46	0.00	11.46	
PERIOD		0.00043	ug/m^3	r	643940.61	4178583.63	11.57	0.00	11.57	
PERIOD		0.00041	ug/m^3	r	643898.25	4178561.06	11.56	0.00	11.56	
PERIOD		0.00041	ug/m^3	r	643882.49	4178560.50	11.54	0.00	11.54	
PERIOD		0.00041	ug/m^3	r	643868.08	4178560.61	11.50	0.00	11.50	
PERIOD		0.00037	ug/m^3	r	643850.61	4178477.15	12.36	0.00	12.36	
PERIOD		0.00038	ug/m^3	r	643802.93	4178519.25	11.99	0.00	11.99	
PERIOD		0.00031	ug/m^3	r	643566.21	4178374.81	12.85	0.00	12.85	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00039	ug/m^3	r	642899.11	4178625.63	13.25	0.00	13.25	
PERIOD		0.00038	ug/m^3	r	642861.77	4178630.37	13.35	0.00	13.35	
PERIOD		0.00020	ug/m^3	r	642634.32	4178208.71	14.34	0.00	14.34	
PERIOD		0.00022	ug/m^3	r	642761.13	4178115.10	14.42	0.00	14.42	
PERIOD		0.00015	ug/m^3	r	642021.23	4178205.01	14.76	0.00	14.76	
PERIOD		0.00016	ug/m^3	r	641455.17	4178051.75	15.53	0.00	15.53	
PERIOD		0.00021	ug/m^3	r	640663.35	4177956.52	16.03	0.00	16.03	
PERIOD		0.00019	ug/m^3	r	640591.80	4177954.95	16.27	0.00	16.27	
PERIOD		0.00020	ug/m^3	r	640596.52	4177721.41	16.97	0.00	16.97	
PERIOD		0.00021	ug/m^3	r	640657.83	4177883.48	16.30	0.00	16.30	
PERIOD		0.00021	ug/m^3	r	640682.46	4177911.49	16.15	0.00	16.15	
PERIOD		0.00021	ug/m^3	r	640695.49	4177909.55	16.19	0.00	16.19	
PERIOD		0.00022	ug/m^3	r	640717.22	4177907.62	16.19	0.00	16.19	
PERIOD		0.00022	ug/m^3	r	640718.67	4177867.06	16.41	0.00	16.41	
PERIOD		0.00021	ug/m^3	r	640699.36	4177856.92	16.47	0.00	16.47	
PERIOD		0.00021	ug/m^3	r	640661.69	4177868.02	16.36	0.00	16.36	
PERIOD		0.00021	ug/m^3	r	640679.07	4177800.90	16.71	0.00	16.71	
PERIOD		0.00021	ug/m^3	r	640699.84	4177807.66	16.56	0.00	16.56	
PERIOD		0.00021	ug/m^3	r	640721.09	4177809.59	16.64	0.00	16.64	
PERIOD		0.00021	ug/m^3	r	640660.72	4177772.41	16.71	0.00	16.71	
PERIOD		0.00021	ug/m^3	r	640702.74	4177753.09	16.93	0.00	16.93	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00021	ug/m^3	r	640669.42	4177758.89	16.73	0.00	16.73	
PERIOD		0.00021	ug/m^3	r	640743.35	4177756.71	16.91	0.00	16.91	
PERIOD		0.00021	ug/m^3	r	640801.27	4177764.04	16.95	0.00	16.95	
PERIOD		0.00020	ug/m^3	r	640850.11	4177764.04	16.95	0.00	16.95	
PERIOD		0.00020	ug/m^3	r	640883.26	4177755.67	16.90	0.00	16.90	
PERIOD		0.00020	ug/m^3	r	640884.30	4177764.39	16.93	0.00	16.93	
PERIOD		0.00020	ug/m^3	r	640885.00	4177773.81	16.93	0.00	16.93	
PERIOD		0.00020	ug/m^3	r	640885.00	4177782.53	16.93	0.00	16.93	
PERIOD		0.00020	ug/m^3	r	640883.26	4177791.95	16.90	0.00	16.90	
PERIOD		0.00019	ug/m^3	r	640916.40	4177756.36	16.97	0.00	16.97	
PERIOD		0.00019	ug/m^3	r	640946.76	4177754.97	16.87	0.00	16.87	
PERIOD		0.00019	ug/m^3	r	640947.11	4177767.88	16.73	0.00	16.73	
PERIOD		0.00019	ug/m^3	r	640916.75	4177765.78	16.94	0.00	16.94	
PERIOD		0.00019	ug/m^3	r	640946.06	4177777.65	16.71	0.00	16.71	
PERIOD		0.00020	ug/m^3	r	640917.80	4177775.20	16.88	0.00	16.88	
PERIOD		0.00019	ug/m^3	r	640945.36	4177787.42	16.70	0.00	16.70	
PERIOD		0.00020	ug/m^3	r	640917.80	4177784.97	16.88	0.00	16.88	
PERIOD		0.00020	ug/m^3	r	640914.31	4177804.16	16.85	0.00	16.85	
PERIOD		0.00020	ug/m^3	r	640916.40	4177794.39	16.87	0.00	16.87	
PERIOD		0.00020	ug/m^3	r	640943.62	4177804.86	16.66	0.00	16.66	
PERIOD		0.00019	ug/m^3	r	640945.71	4177795.79	16.69	0.00	16.69	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00018	ug/m^3	r	640979.90	4177758.81	16.68	0.00	16.68	
PERIOD		0.00018	ug/m^3	r	640978.16	4177769.27	16.64	0.00	16.64	
PERIOD		0.00018	ug/m^3	r	640976.41	4177776.95	16.63	0.00	16.63	
PERIOD		0.00019	ug/m^3	r	640978.16	4177792.30	16.53	0.00	16.53	
PERIOD		0.00019	ug/m^3	r	640978.85	4177801.02	16.50	0.00	16.50	
PERIOD		0.00019	ug/m^3	r	640977.81	4177809.40	16.48	0.00	16.48	
PERIOD		0.00019	ug/m^3	r	640978.51	4177820.56	16.46	0.00	16.46	
PERIOD		0.00020	ug/m^3	r	640977.81	4177828.59	16.44	0.00	16.44	
PERIOD		0.00021	ug/m^3	r	640879.77	4177800.67	16.84	0.00	16.84	
PERIOD		0.00021	ug/m^3	r	640883.61	4177813.23	16.81	0.00	16.81	
PERIOD		0.00021	ug/m^3	r	640885.35	4177824.75	16.84	0.00	16.84	
PERIOD		0.00020	ug/m^3	r	640915.24	4177814.31	16.81	0.00	16.81	
PERIOD		0.00020	ug/m^3	r	640945.30	4177816.13	16.60	0.00	16.60	
PERIOD		0.00020	ug/m^3	r	640947.12	4177825.60	16.60	0.00	16.60	
PERIOD		0.00021	ug/m^3	r	640915.97	4177824.87	16.78	0.00	16.78	
PERIOD		0.00021	ug/m^3	r	640916.34	4177835.07	16.75	0.00	16.75	
PERIOD		0.00020	ug/m^3	r	640946.57	4177835.98	16.57	0.00	16.57	
PERIOD		0.00021	ug/m^3	r	640946.75	4177845.63	16.52	0.00	16.52	
PERIOD		0.00021	ug/m^3	r	640915.61	4177844.18	16.73	0.00	16.73	
PERIOD		0.00021	ug/m^3	r	640879.91	4177832.52	16.80	0.00	16.80	
PERIOD		0.00021	ug/m^3	r	640885.19	4177842.36	16.74	0.00	16.74	

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00022	ug/m^3	r	640884.46	4177851.64	16.68	0.00	16.68	
PERIOD		0.00021	ug/m^3	r	640916.34	4177852.74	16.71	0.00	16.71	
PERIOD		0.00021	ug/m^3	r	640945.30	4177854.74	16.47	0.00	16.47	
PERIOD		0.00021	ug/m^3	r	640945.48	4177863.12	16.45	0.00	16.45	
PERIOD		0.00021	ug/m^3	r	640915.06	4177861.30	16.67	0.00	16.67	
PERIOD		0.00022	ug/m^3	r	640883.19	4177861.12	16.61	0.00	16.61	
PERIOD		0.00022	ug/m^3	r	640883.92	4177871.31	16.54	0.00	16.54	
PERIOD		0.00022	ug/m^3	r	640885.38	4177879.87	16.49	0.00	16.49	
PERIOD		0.00022	ug/m^3	r	640883.19	4177890.80	16.49	0.00	16.49	
PERIOD		0.00022	ug/m^3	r	640915.97	4177871.68	16.61	0.00	16.61	
PERIOD		0.00022	ug/m^3	r	640914.88	4177881.70	16.58	0.00	16.58	
PERIOD		0.00021	ug/m^3	r	640944.20	4177871.86	16.44	0.00	16.44	
PERIOD		0.00021	ug/m^3	r	640945.30	4177883.15	16.39	0.00	16.39	
PERIOD		0.00022	ug/m^3	r	640944.57	4177893.17	16.37	0.00	16.37	
PERIOD		0.00022	ug/m^3	r	640913.61	4177888.98	16.55	0.00	16.55	
PERIOD		0.00022	ug/m^3	r	640913.61	4177898.82	16.54	0.00	16.54	
PERIOD		0.00022	ug/m^3	r	640944.20	4177902.46	16.38	0.00	16.38	
PERIOD		0.00022	ug/m^3	r	640911.97	4177907.92	16.48	0.00	16.48	
PERIOD		0.00022	ug/m^3	r	640944.75	4177911.02	16.35	0.00	16.35	
PERIOD		0.00021	ug/m^3	r	640975.17	4177909.38	16.22	0.00	16.22	
PERIOD		0.00021	ug/m^3	r	640976.99	4177900.64	16.25	0.00	16.25	

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00021	ug/m^3	r	640976.62	4177891.35	16.28	0.00	16.28	
PERIOD		0.00021	ug/m^3	r	640978.44	4177881.51	16.26	0.00	16.26	
PERIOD		0.00021	ug/m^3	r	640978.26	4177870.77	16.30	0.00	16.30	
PERIOD		0.00020	ug/m^3	r	640980.08	4177860.39	16.31	0.00	16.31	
PERIOD		0.00020	ug/m^3	r	640979.17	4177841.08	16.36	0.00	16.36	
PERIOD		0.00017	ug/m^3	r	641027.15	4177771.72	16.80	0.00	16.80	
PERIOD		0.00016	ug/m^3	r	641097.01	4177769.15	16.46	0.00	16.46	
PERIOD		0.00017	ug/m^3	r	641050.94	4177776.86	16.58	0.00	16.58	
PERIOD		0.00017	ug/m^3	r	641106.22	4177834.93	16.34	0.00	16.34	
PERIOD		0.00019	ug/m^3	r	641112.42	4177909.52	15.89	0.00	15.89	
PERIOD		0.00020	ug/m^3	r	641020.43	4177904.78	16.35	0.00	16.35	
PERIOD		0.00020	ug/m^3	r	641092.38	4177966.96	15.79	0.00	15.79	
PERIOD		0.00018	ug/m^3	r	640555.64	4178224.82	14.68	0.00	14.68	
PERIOD		0.00016	ug/m^3	r	640382.10	4178168.75	15.06	0.00	15.06	
PERIOD		0.00016	ug/m^3	r	640295.47	4178186.85	14.80	0.00	14.80	
PERIOD		0.00016	ug/m^3	r	640289.24	4178169.94	14.93	0.00	24.59	
PERIOD		0.00018	ug/m^3	r	640520.34	4178237.28	14.56	0.00	14.56	
PERIOD		0.00019	ug/m^3	r	640568.99	4178242.62	14.68	0.00	14.68	
PERIOD		0.00075	ug/m^3	r	642421.71	4179614.03	11.33	0.00	11.33	
PERIOD		0.00070	ug/m^3	r	642419.19	4179586.04	11.55	0.00	11.55	
PERIOD		0.00043	ug/m^3	r	641230.76	4179694.87	11.83	0.00	11.83	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00099	ug/m^3	r	641806.79	4179870.63	10.26	0.00	10.26	
PERIOD		0.00102	ug/m^3	r	641825.54	4179856.53	10.36	0.00	10.36	
PERIOD		0.00061	ug/m^3	r	641492.88	4179824.18	10.67	0.00	10.67	
PERIOD		0.00059	ug/m^3	r	641482.98	4179806.49	10.62	0.00	10.62	
PERIOD		0.00054	ug/m^3	r	641401.40	4179805.19	10.73	0.00	10.73	
PERIOD		0.00049	ug/m^3	r	641322.12	4179800.31	10.62	0.00	10.62	
PERIOD		0.00042	ug/m^3	r	641199.49	4179789.22	10.67	0.00	10.67	
PERIOD		0.00043	ug/m^3	r	641226.51	4179799.31	10.67	0.00	10.67	
PERIOD		0.00045	ug/m^3	r	641254.87	4179804.73	10.50	0.00	10.50	
PERIOD		0.00046	ug/m^3	r	641284.46	4179798.64	10.58	0.00	10.58	
PERIOD		0.00029	ug/m^3	r	640672.91	4179804.60	10.57	0.00	10.57	
PERIOD		0.00034	ug/m^3	r	640909.50	4179873.06	10.45	0.00	10.45	
PERIOD		0.00028	ug/m^3	r	640576.50	4179834.99	10.64	0.00	10.64	
PERIOD		0.00026	ug/m^3	r	640471.40	4179791.88	10.57	0.00	10.57	
PERIOD		0.00025	ug/m^3	r	640443.73	4179783.09	10.83	0.00	10.83	
PERIOD		0.00026	ug/m^3	r	640490.06	4179808.83	10.59	0.00	10.59	
PERIOD		0.00024	ug/m^3	r	640298.17	4179708.55	10.87	0.00	10.87	
PERIOD		0.00091	ug/m^3	r	642150.64	4181339.61	4.85	0.00	4.85	
PERIOD		0.00073	ug/m^3	r	642186.00	4181418.01	7.29	0.00	7.29	
PERIOD		0.00077	ug/m^3	r	642076.74	4181423.01	4.93	0.00	4.93	
PERIOD		0.00078	ug/m^3	r	642050.52	4181423.14	4.58	0.00	4.58	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00079	ug/m^3	r	642015.47	4181420.37	4.60	0.00	4.60	
PERIOD		0.00075	ug/m^3	r	642015.07	4181445.02	4.71	0.00	4.71	
PERIOD		0.00024	ug/m^3	r	642806.07	4181128.16	4.97	0.00	4.97	
PERIOD		0.00015	ug/m^3	r	643211.49	4181300.90	4.80	0.00	4.80	
PERIOD		0.00012	ug/m^3	r	643199.12	4181323.37	4.79	0.00	4.79	
PERIOD		0.00018	ug/m^3	r	643298.61	4181300.90	4.44	0.00	4.44	
PERIOD		0.00018	ug/m^3	r	643326.13	4181311.50	4.53	0.00	4.53	
PERIOD		0.00018	ug/m^3	r	643346.84	4181318.07	4.50	0.00	4.50	
PERIOD		0.00015	ug/m^3	r	643321.08	4181355.19	5.00	0.00	5.00	
PERIOD		0.00008	ug/m^3	r	643007.36	4181415.17	5.45	0.00	5.45	
PERIOD		0.00006	ug/m^3	r	643051.46	4181483.78	5.49	0.00	5.49	
PERIOD		0.00006	ug/m^3	r	643044.62	4181536.90	5.24	0.00	5.24	
PERIOD		0.00006	ug/m^3	r	643074.82	4181735.00	4.31	0.00	4.31	
PERIOD		0.00007	ug/m^3	r	643086.22	4182094.01	4.58	0.00	4.58	
PERIOD		0.00007	ug/m^3	r	643112.32	4182105.50	4.56	0.00	4.56	
PERIOD		0.00003	ug/m^3	r	643546.53	4181985.18	4.06	0.00	4.06	
PERIOD		0.00002	ug/m^3	r	643513.62	4181994.64	3.90	0.00	3.90	
PERIOD		0.00002	ug/m^3	r	643562.16	4182026.32	4.07	0.00	4.07	
PERIOD		0.00004	ug/m^3	r	643691.88	4181951.64	4.69	0.00	4.69	
PERIOD		0.00007	ug/m^3	r	644094.39	4181935.13	4.86	0.00	4.86	
PERIOD		0.00008	ug/m^3	r	644141.12	4181899.90	4.90	0.00	4.90	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00008	ug/m^3	r	644267.45	4181934.22	4.95	0.00	4.95	
PERIOD		0.00008	ug/m^3	r	644287.49	4181943.88	4.85	0.00	4.85	
PERIOD		0.00008	ug/m^3	r	644292.76	4181965.65	4.78	0.00	4.78	
PERIOD		0.00007	ug/m^3	r	644292.05	4182056.81	6.89	0.00	6.89	
PERIOD		0.00021	ug/m^3	r	642259.02	4181880.67	7.16	0.00	7.16	
PERIOD		0.00018	ug/m^3	r	642310.80	4181936.64	7.27	0.00	7.27	
PERIOD		0.00018	ug/m^3	r	642273.02	4181956.93	7.39	0.00	7.39	
PERIOD		0.00010	ug/m^3	r	642495.22	4182060.53	5.17	0.00	5.17	
PERIOD		0.00009	ug/m^3	r	642520.63	4182128.95	4.82	0.00	4.82	
PERIOD		0.00009	ug/m^3	r	642460.07	4182152.93	4.89	0.00	4.89	
PERIOD		0.00010	ug/m^3	r	642395.94	4182171.85	4.89	0.00	4.89	
PERIOD		0.00011	ug/m^3	r	642354.64	4182180.55	4.85	0.00	4.85	
PERIOD		0.00012	ug/m^3	r	642309.47	4182187.07	4.89	0.00	4.89	
PERIOD		0.00013	ug/m^3	r	642280.75	4182195.60	5.04	0.00	5.04	
PERIOD		0.00012	ug/m^3	r	642284.96	4182251.52	5.06	0.00	5.06	
PERIOD		0.00011	ug/m^3	r	642294.26	4182270.05	5.02	0.00	5.02	
PERIOD		0.00014	ug/m^3	r	642091.45	4182315.72	5.07	0.00	5.07	
PERIOD		0.00015	ug/m^3	r	641887.74	4182399.30	5.07	0.00	5.07	
PERIOD		0.00033	ug/m^3	r	641273.71	4181787.58	6.87	0.00	6.87	
PERIOD		0.00034	ug/m^3	r	641291.66	4181761.78	6.62	0.00	6.62	
PERIOD		0.00043	ug/m^3	r	641217.11	4181351.16	5.94	0.00	5.94	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00029	ug/m^3	r	640660.60	4181335.03	6.14	0.00	6.14	
PERIOD		0.00031	ug/m^3	r	640788.06	4181343.64	5.94	0.00	5.94	
PERIOD		0.00032	ug/m^3	r	640803.39	4181338.45	5.94	0.00	5.94	
PERIOD		0.00028	ug/m^3	r	640649.98	4181397.27	5.41	0.00	5.41	
PERIOD		0.00017	ug/m^3	r	640648.73	4182240.43	4.11	0.00	4.11	
PERIOD		0.00018	ug/m^3	r	640586.47	4181956.43	4.05	0.00	4.05	
PERIOD		0.00018	ug/m^3	r	640547.21	4181955.64	4.18	0.00	4.18	
PERIOD		0.00019	ug/m^3	r	643437.92	4180843.06	2.54	0.00	2.54	
PERIOD		0.00015	ug/m^3	r	643481.97	4180898.97	2.54	0.00	2.54	
PERIOD		0.00025	ug/m^3	r	643433.96	4180777.27	2.63	0.00	2.63	
PERIOD		0.00016	ug/m^3	r	643661.26	4180799.81	3.40	0.00	3.40	
PERIOD		0.00220	ug/m^3	r	643358.63	4179948.56	7.24	0.00	7.24	
PERIOD		0.00216	ug/m^3	r	643364.90	4179934.14	7.30	0.00	7.30	
PERIOD		0.00215	ug/m^3	r	643369.06	4180042.08	8.11	0.00	8.11	
PERIOD		0.00171	ug/m^3	r	643467.43	4180035.35	8.23	0.00	8.23	
PERIOD		0.00250	ug/m^3	r	643303.09	4180066.52	6.80	0.00	6.80	
PERIOD		0.00256	ug/m^3	r	643292.53	4180113.09	6.82	0.00	6.82	
PERIOD		0.00220	ug/m^3	r	643351.83	4180094.85	6.59	0.00	6.59	
PERIOD		0.00171	ug/m^3	r	643450.64	4180097.01	6.22	0.00	6.22	
PERIOD		0.00155	ug/m^3	r	643491.34	4180094.80	7.11	0.00	7.11	
PERIOD		0.00214	ug/m^3	r	643349.76	4180163.14	6.28	0.00	6.28	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00166	ug/m^3	r	643408.25	4180231.85	5.77	0.00	5.77	
PERIOD		0.00136	ug/m^3	r	643467.32	4180253.70	5.80	0.00	5.80	
PERIOD		0.00113	ug/m^3	r	643521.65	4180278.59	5.50	0.00	5.50	
PERIOD		0.00095	ug/m^3	r	643572.31	4180303.75	5.37	0.00	5.37	
PERIOD		0.00092	ug/m^3	r	643533.46	4180366.45	5.09	0.00	5.09	
PERIOD		0.00066	ug/m^3	r	643621.79	4180419.99	8.03	0.00	8.03	
PERIOD		0.00049	ug/m^3	r	643700.62	4180460.54	7.92	0.00	7.92	
PERIOD		0.00027	ug/m^3	r	643875.45	4180553.54	7.92	0.00	7.92	
PERIOD		0.00243	ug/m^3	r	643262.17	4179872.86	7.65	0.00	7.65	
PERIOD		0.00052	ug/m^3	r	644358.55	4178997.60	8.74	0.00	8.74	
PERIOD		0.00054	ug/m^3	r	644360.03	4179117.34	8.37	0.00	8.37	
PERIOD		0.00052	ug/m^3	r	644400.66	4179118.33	8.38	0.00	8.38	
PERIOD		0.00053	ug/m^3	r	644391.43	4179183.34	8.30	0.00	8.30	
PERIOD		0.00055	ug/m^3	r	644346.19	4179235.67	8.00	0.00	8.00	
PERIOD		0.00053	ug/m^3	r	644358.03	4179295.58	7.62	0.00	7.62	
PERIOD		0.00051	ug/m^3	r	644377.37	4179348.51	7.39	0.00	7.39	
PERIOD		0.00049	ug/m^3	r	644370.04	4179426.85	7.14	0.00	7.14	
PERIOD		0.00048	ug/m^3	r	644366.28	4179467.77	6.98	0.00	6.98	
PERIOD		0.00044	ug/m^3	r	644392.01	4179558.11	6.89	0.00	6.89	
PERIOD		0.00046	ug/m^3	r	644363.59	4179543.35	6.81	0.00	6.81	
PERIOD		0.00044	ug/m^3	r	644353.27	4179624.50	6.82	0.00	6.82	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00042	ug/m^3	r	644348.20	4179699.91	6.66	0.00	6.66	
PERIOD		0.00042	ug/m^3	r	644350.67	4179777.56	6.55	0.00	6.55	
PERIOD		0.00270	ug/m^3	s	643056.95	4179847.93	8.07	0.00	8.07	
PERIOD		0.00242	ug/m^3	s	643249.62	4179856.27	7.72	0.00	7.72	
PERIOD		0.00276	ug/m^3	s	643244.70	4179977.45	7.48	0.00	7.48	
PERIOD		0.00240	ug/m^3	s	643320.11	4179981.67	7.10	0.00	7.10	
PERIOD		0.00243	ug/m^3	s	643317.62	4180052.81	6.83	0.00	6.83	
PERIOD		0.00411	ug/m^3	s	643048.31	4180042.53	7.22	0.00	7.22	
PERIOD		0.00270	ug/m^3	s	643061.89	4179848.14	7.88	0.00	7.88	
PERIOD		0.00270	ug/m^3	s	643066.83	4179848.36	7.82	0.00	7.82	
PERIOD		0.00269	ug/m^3	s	643071.77	4179848.57	7.83	0.00	7.83	
PERIOD		0.00269	ug/m^3	s	643076.71	4179848.79	7.80	0.00	7.80	
PERIOD		0.00269	ug/m^3	s	643081.65	4179849.00	7.76	0.00	7.76	
PERIOD		0.00268	ug/m^3	s	643086.59	4179849.21	7.74	0.00	7.74	
PERIOD		0.00268	ug/m^3	s	643091.53	4179849.43	7.72	0.00	7.72	
PERIOD		0.00268	ug/m^3	s	643096.47	4179849.64	7.71	0.00	7.71	
PERIOD		0.00267	ug/m^3	s	643101.41	4179849.85	7.70	0.00	7.70	
PERIOD		0.00267	ug/m^3	s	643106.35	4179850.07	7.70	0.00	7.70	
PERIOD		0.00266	ug/m^3	s	643111.29	4179850.28	7.73	0.00	7.73	
PERIOD		0.00266	ug/m^3	s	643116.23	4179850.50	7.74	0.00	7.74	
PERIOD		0.00265	ug/m^3	s	643121.17	4179850.71	7.75	0.00	7.75	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00265	ug/m^3	s	643126.11	4179850.92	7.75	0.00	7.75	
PERIOD		0.00264	ug/m^3	s	643131.05	4179851.14	7.75	0.00	7.75	
PERIOD		0.00263	ug/m^3	s	643135.99	4179851.35	7.76	0.00	7.76	
PERIOD		0.00263	ug/m^3	s	643140.93	4179851.57	7.75	0.00	7.75	
PERIOD		0.00262	ug/m^3	s	643145.87	4179851.78	7.74	0.00	7.74	
PERIOD		0.00261	ug/m^3	s	643150.81	4179851.99	7.77	0.00	7.77	
PERIOD		0.00261	ug/m^3	s	643155.76	4179852.21	7.81	0.00	7.81	
PERIOD		0.00260	ug/m^3	s	643160.70	4179852.42	7.85	0.00	7.85	
PERIOD		0.00259	ug/m^3	s	643165.64	4179852.63	7.87	0.00	7.87	
PERIOD		0.00258	ug/m^3	s	643170.58	4179852.85	7.88	0.00	7.88	
PERIOD		0.00257	ug/m^3	s	643175.52	4179853.06	7.87	0.00	7.87	
PERIOD		0.00257	ug/m^3	s	643180.46	4179853.28	7.87	0.00	7.87	
PERIOD		0.00256	ug/m^3	s	643185.40	4179853.49	7.88	0.00	7.88	
PERIOD		0.00255	ug/m^3	s	643190.34	4179853.70	7.87	0.00	7.87	
PERIOD		0.00254	ug/m^3	s	643195.28	4179853.92	7.87	0.00	7.87	
PERIOD		0.00253	ug/m^3	s	643200.22	4179854.13	7.86	0.00	7.86	
PERIOD		0.00252	ug/m^3	s	643205.16	4179854.35	7.86	0.00	7.86	
PERIOD		0.00251	ug/m^3	s	643210.10	4179854.56	7.86	0.00	7.86	
PERIOD		0.00250	ug/m^3	s	643215.04	4179854.77	7.85	0.00	7.85	
PERIOD		0.00249	ug/m^3	s	643219.98	4179854.99	7.83	0.00	7.83	
PERIOD		0.00248	ug/m^3	s	643224.92	4179855.20	7.82	0.00	7.82	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00247	ug/m^3	s	643229.86	4179855.41	7.80	0.00	7.80	
PERIOD		0.00246	ug/m^3	s	643234.80	4179855.63	7.79	0.00	7.79	
PERIOD		0.00244	ug/m^3	s	643239.74	4179855.84	7.77	0.00	7.77	
PERIOD		0.00243	ug/m^3	s	643244.68	4179856.06	7.74	0.00	7.74	
PERIOD		0.00243	ug/m^3	s	643249.42	4179861.12	7.68	0.00	7.68	
PERIOD		0.00245	ug/m^3	s	643249.23	4179865.96	7.67	0.00	7.67	
PERIOD		0.00246	ug/m^3	s	643249.03	4179870.81	7.66	0.00	7.66	
PERIOD		0.00248	ug/m^3	s	643248.83	4179875.66	7.65	0.00	7.65	
PERIOD		0.00249	ug/m^3	s	643248.64	4179880.51	7.64	0.00	7.64	
PERIOD		0.00251	ug/m^3	s	643248.44	4179885.35	7.63	0.00	7.63	
PERIOD		0.00253	ug/m^3	s	643248.24	4179890.20	7.63	0.00	7.63	
PERIOD		0.00254	ug/m^3	s	643248.05	4179895.05	7.63	0.00	7.63	
PERIOD		0.00256	ug/m^3	s	643247.85	4179899.89	7.63	0.00	7.63	
PERIOD		0.00257	ug/m^3	s	643247.65	4179904.74	7.64	0.00	7.64	
PERIOD		0.00259	ug/m^3	s	643247.46	4179909.59	7.64	0.00	7.64	
PERIOD		0.00260	ug/m^3	s	643247.26	4179914.44	7.66	0.00	7.66	
PERIOD		0.00261	ug/m^3	s	643247.06	4179919.28	7.69	0.00	7.69	
PERIOD		0.00263	ug/m^3	s	643246.86	4179924.13	7.71	0.00	7.71	
PERIOD		0.00264	ug/m^3	s	643246.67	4179928.98	7.67	0.00	7.67	
PERIOD		0.00266	ug/m^3	s	643246.47	4179933.83	7.64	0.00	7.64	
PERIOD		0.00267	ug/m^3	s	643246.27	4179938.67	7.62	0.00	7.62	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00268	ug/m^3	s	643246.08	4179943.52	7.59	0.00	7.59	
PERIOD		0.00269	ug/m^3	s	643245.88	4179948.37	7.56	0.00	7.56	
PERIOD		0.00271	ug/m^3	s	643245.68	4179953.21	7.53	0.00	7.53	
PERIOD		0.00272	ug/m^3	s	643245.49	4179958.06	7.50	0.00	7.50	
PERIOD		0.00273	ug/m^3	s	643245.29	4179962.91	7.48	0.00	7.48	
PERIOD		0.00274	ug/m^3	s	643245.09	4179967.76	7.48	0.00	7.48	
PERIOD		0.00275	ug/m^3	s	643244.90	4179972.60	7.48	0.00	7.48	
PERIOD		0.00274	ug/m^3	s	643249.41	4179977.71	7.48	0.00	7.48	
PERIOD		0.00272	ug/m^3	s	643254.13	4179977.98	7.45	0.00	7.45	
PERIOD		0.00269	ug/m^3	s	643258.84	4179978.24	7.42	0.00	7.42	
PERIOD		0.00267	ug/m^3	s	643263.55	4179978.51	7.37	0.00	7.37	
PERIOD		0.00265	ug/m^3	s	643268.27	4179978.77	7.32	0.00	7.32	
PERIOD		0.00262	ug/m^3	s	643272.98	4179979.03	7.28	0.00	7.28	
PERIOD		0.00260	ug/m^3	s	643277.69	4179979.30	7.23	0.00	7.23	
PERIOD		0.00258	ug/m^3	s	643282.41	4179979.56	7.19	0.00	7.19	
PERIOD		0.00255	ug/m^3	s	643287.12	4179979.82	7.15	0.00	7.15	
PERIOD		0.00253	ug/m^3	s	643291.83	4179980.09	7.11	0.00	7.11	
PERIOD		0.00251	ug/m^3	s	643296.54	4179980.35	7.08	0.00	7.08	
PERIOD		0.00248	ug/m^3	s	643301.26	4179980.62	7.07	0.00	7.07	
PERIOD		0.00246	ug/m^3	s	643305.97	4179980.88	7.07	0.00	7.07	
PERIOD		0.00244	ug/m^3	s	643310.68	4179981.14	7.07	0.00	7.07	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00242	ug/m^3	s	643315.40	4179981.41	7.08	0.00	7.08	
PERIOD		0.00240	ug/m^3	s	643319.94	4179986.41	7.15	0.00	7.15	
PERIOD		0.00240	ug/m^3	s	643319.78	4179991.16	7.11	0.00	7.11	
PERIOD		0.00241	ug/m^3	s	643319.61	4179995.90	7.07	0.00	7.07	
PERIOD		0.00241	ug/m^3	s	643319.45	4180000.64	7.04	0.00	7.04	
PERIOD		0.00241	ug/m^3	s	643319.28	4180005.38	7.01	0.00	7.01	
PERIOD		0.00241	ug/m^3	s	643319.11	4180010.13	6.98	0.00	6.98	
PERIOD		0.00242	ug/m^3	s	643318.95	4180014.87	6.96	0.00	6.96	
PERIOD		0.00242	ug/m^3	s	643318.78	4180019.61	6.94	0.00	6.94	
PERIOD		0.00242	ug/m^3	s	643318.62	4180024.35	6.93	0.00	6.93	
PERIOD		0.00242	ug/m^3	s	643318.45	4180029.10	6.92	0.00	6.92	
PERIOD		0.00242	ug/m^3	s	643318.28	4180033.84	6.92	0.00	6.92	
PERIOD		0.00242	ug/m^3	s	643318.12	4180038.58	6.91	0.00	6.91	
PERIOD		0.00242	ug/m^3	s	643317.95	4180043.32	6.88	0.00	6.88	
PERIOD		0.00243	ug/m^3	s	643317.79	4180048.07	6.84	0.00	6.84	
PERIOD		0.00245	ug/m^3	s	643312.63	4180052.62	6.84	0.00	6.84	
PERIOD		0.00248	ug/m^3	s	643307.65	4180052.43	6.88	0.00	6.88	
PERIOD		0.00251	ug/m^3	s	643302.66	4180052.24	6.93	0.00	6.93	
PERIOD		0.00254	ug/m^3	s	643297.67	4180052.05	6.97	0.00	6.97	
PERIOD		0.00257	ug/m^3	s	643292.68	4180051.86	7.02	0.00	7.02	
PERIOD		0.00260	ug/m^3	s	643287.70	4180051.67	7.07	0.00	7.07	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00263	ug/m^3	s	643282.71	4180051.48	7.13	0.00	7.13	
PERIOD		0.00266	ug/m^3	s	643277.72	4180051.29	7.17	0.00	7.17	
PERIOD		0.00269	ug/m^3	s	643272.74	4180051.10	7.21	0.00	7.21	
PERIOD		0.00272	ug/m^3	s	643267.75	4180050.91	7.19	0.00	7.19	
PERIOD		0.00275	ug/m^3	s	643262.76	4180050.72	7.16	0.00	7.16	
PERIOD		0.00278	ug/m^3	s	643257.77	4180050.53	7.07	0.00	7.07	
PERIOD		0.00281	ug/m^3	s	643252.79	4180050.34	7.04	0.00	7.04	
PERIOD		0.00285	ug/m^3	s	643247.80	4180050.14	7.02	0.00	7.02	
PERIOD		0.00288	ug/m^3	s	643242.81	4180049.95	7.02	0.00	7.02	
PERIOD		0.00291	ug/m^3	s	643237.82	4180049.76	7.04	0.00	7.04	
PERIOD		0.00294	ug/m^3	s	643232.84	4180049.57	7.10	0.00	7.10	
PERIOD		0.00298	ug/m^3	s	643227.85	4180049.38	7.16	0.00	7.16	
PERIOD		0.00301	ug/m^3	s	643222.86	4180049.19	7.23	0.00	7.23	
PERIOD		0.00304	ug/m^3	s	643217.88	4180049.00	7.25	0.00	7.25	
PERIOD		0.00308	ug/m^3	s	643212.89	4180048.81	7.27	0.00	7.27	
PERIOD		0.00311	ug/m^3	s	643207.90	4180048.62	7.28	0.00	7.28	
PERIOD		0.00314	ug/m^3	s	643202.91	4180048.43	7.29	0.00	7.29	
PERIOD		0.00318	ug/m^3	s	643197.93	4180048.24	7.30	0.00	7.30	
PERIOD		0.00321	ug/m^3	s	643192.94	4180048.05	7.29	0.00	7.29	
PERIOD		0.00324	ug/m^3	s	643187.95	4180047.86	7.29	0.00	7.29	
PERIOD		0.00327	ug/m^3	s	643182.97	4180047.67	7.28	0.00	7.28	

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00331	ug/m^3	s	643177.98	4180047.48	7.28	0.00	7.28	
PERIOD		0.00334	ug/m^3	s	643172.99	4180047.29	7.28	0.00	7.28	
PERIOD		0.00337	ug/m^3	s	643168.00	4180047.10	7.27	0.00	7.27	
PERIOD		0.00341	ug/m^3	s	643163.02	4180046.91	7.26	0.00	7.26	
PERIOD		0.00344	ug/m^3	s	643158.03	4180046.72	7.24	0.00	7.24	
PERIOD		0.00347	ug/m^3	s	643153.04	4180046.53	7.22	0.00	7.22	
PERIOD		0.00350	ug/m^3	s	643148.05	4180046.34	7.19	0.00	7.19	
PERIOD		0.00354	ug/m^3	s	643143.07	4180046.15	7.17	0.00	7.17	
PERIOD		0.00357	ug/m^3	s	643138.08	4180045.96	7.14	0.00	7.14	
PERIOD		0.00360	ug/m^3	s	643133.09	4180045.77	7.11	0.00	7.11	
PERIOD		0.00363	ug/m^3	s	643128.11	4180045.58	7.10	0.00	7.10	
PERIOD		0.00366	ug/m^3	s	643123.12	4180045.39	7.09	0.00	7.09	
PERIOD		0.00370	ug/m^3	s	643118.13	4180045.20	7.10	0.00	7.10	
PERIOD		0.00373	ug/m^3	s	643113.14	4180045.00	7.11	0.00	7.11	
PERIOD		0.00376	ug/m^3	s	643108.16	4180044.81	7.11	0.00	7.11	
PERIOD		0.00379	ug/m^3	s	643103.17	4180044.62	7.13	0.00	7.13	
PERIOD		0.00382	ug/m^3	s	643098.18	4180044.43	7.14	0.00	7.14	
PERIOD		0.00385	ug/m^3	s	643093.20	4180044.24	7.15	0.00	7.15	
PERIOD		0.00388	ug/m^3	s	643088.21	4180044.05	7.15	0.00	7.15	
PERIOD		0.00391	ug/m^3	s	643083.22	4180043.86	7.15	0.00	7.15	
PERIOD		0.00394	ug/m^3	s	643078.23	4180043.67	7.16	0.00	7.16	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00397	ug/m^3	s	643073.25	4180043.48	7.16	0.00	7.16	
PERIOD		0.00400	ug/m^3	s	643068.26	4180043.29	7.16	0.00	7.16	
PERIOD		0.00403	ug/m^3	s	643063.27	4180043.10	7.16	0.00	7.16	
PERIOD		0.00406	ug/m^3	s	643058.28	4180042.91	7.17	0.00	7.17	
PERIOD		0.00408	ug/m^3	s	643053.30	4180042.72	7.19	0.00	7.19	
PERIOD		0.00407	ug/m^3	s	643048.53	4180037.54	7.23	0.00	7.23	
PERIOD		0.00404	ug/m^3	s	643048.75	4180032.55	7.23	0.00	7.23	
PERIOD		0.00400	ug/m^3	s	643048.97	4180027.56	7.20	0.00	7.20	
PERIOD		0.00396	ug/m^3	s	643049.20	4180022.57	7.17	0.00	7.17	
PERIOD		0.00392	ug/m^3	s	643049.42	4180017.58	7.17	0.00	7.17	
PERIOD		0.00388	ug/m^3	s	643049.64	4180012.59	7.16	0.00	7.16	
PERIOD		0.00384	ug/m^3	s	643049.86	4180007.60	7.17	0.00	7.17	
PERIOD		0.00380	ug/m^3	s	643050.08	4180002.61	7.17	0.00	7.17	
PERIOD		0.00376	ug/m^3	s	643050.30	4179997.62	7.19	0.00	7.19	
PERIOD		0.00372	ug/m^3	s	643050.53	4179992.63	7.21	0.00	7.21	
PERIOD		0.00368	ug/m^3	s	643050.75	4179987.64	7.21	0.00	7.21	
PERIOD		0.00365	ug/m^3	s	643050.97	4179982.65	7.21	0.00	7.21	
PERIOD		0.00361	ug/m^3	s	643051.19	4179977.66	7.23	0.00	7.23	
PERIOD		0.00357	ug/m^3	s	643051.41	4179972.67	7.26	0.00	7.26	
PERIOD		0.00353	ug/m^3	s	643051.63	4179967.68	7.31	0.00	7.31	
PERIOD		0.00349	ug/m^3	s	643051.85	4179962.69	7.37	0.00	7.37	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00346	ug/m^3	s	643052.08	4179957.70	7.48	0.00	7.48	
PERIOD		0.00342	ug/m^3	s	643052.30	4179952.71	7.61	0.00	7.61	
PERIOD		0.00339	ug/m^3	s	643052.52	4179947.72	7.67	0.00	7.67	
PERIOD		0.00335	ug/m^3	s	643052.74	4179942.74	7.70	0.00	7.70	
PERIOD		0.00331	ug/m^3	s	643052.96	4179937.75	7.73	0.00	7.73	
PERIOD		0.00328	ug/m^3	s	643053.18	4179932.76	7.75	0.00	7.75	
PERIOD		0.00324	ug/m^3	s	643053.41	4179927.77	7.77	0.00	7.77	
PERIOD		0.00320	ug/m^3	s	643053.63	4179922.78	7.80	0.00	7.80	
PERIOD		0.00317	ug/m^3	s	643053.85	4179917.79	7.83	0.00	7.83	
PERIOD		0.00313	ug/m^3	s	643054.07	4179912.80	7.87	0.00	7.87	
PERIOD		0.00310	ug/m^3	s	643054.29	4179907.81	7.90	0.00	7.90	
PERIOD		0.00306	ug/m^3	s	643054.51	4179902.82	7.92	0.00	7.92	
PERIOD		0.00303	ug/m^3	s	643054.73	4179897.83	7.94	0.00	7.94	
PERIOD		0.00299	ug/m^3	s	643054.96	4179892.84	7.96	0.00	7.96	
PERIOD		0.00296	ug/m^3	s	643055.18	4179887.85	7.97	0.00	7.97	
PERIOD		0.00292	ug/m^3	s	643055.40	4179882.86	7.96	0.00	7.96	
PERIOD		0.00289	ug/m^3	s	643055.62	4179877.87	7.95	0.00	7.95	
PERIOD		0.00286	ug/m^3	s	643055.84	4179872.88	7.94	0.00	7.94	
PERIOD		0.00283	ug/m^3	s	643056.06	4179867.89	7.95	0.00	7.95	
PERIOD		0.00279	ug/m^3	r	643056.29	4179862.90	7.98	0.00	7.98	
PERIOD		0.00276	ug/m^3	r	643056.51	4179857.91	8.01	0.00	8.01	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00273	ug/m^3	r	643056.73	4179852.92	8.03	0.00	8.03	
PERIOD		0.00004	ug/m^3	r	644709.80	4181175.99	5.24	0.00	5.24	
PERIOD		0.00015	ug/m^3	r	643845.20	4181463.75	7.71	0.00	7.71	
PERIOD		0.00008	ug/m^3	r	644330.00	4180865.21	4.60	0.00	4.60	
PERIOD		0.00007	ug/m^3	r	644452.33	4180865.29	5.27	0.00	5.27	
PERIOD		0.00008	ug/m^3	r	644512.10	4180798.27	7.93	0.00	7.93	
PERIOD		0.00010	ug/m^3	r	644319.84	4180764.59	4.35	0.00	4.35	
PERIOD		0.00010	ug/m^3	r	644308.04	4180746.23	4.90	0.00	4.90	
PERIOD		0.00017	ug/m^3	r	644138.04	4180612.81	5.41	0.00	5.41	
PERIOD		0.00018	ug/m^3	r	644879.84	4180073.43	6.41	0.00	6.41	
PERIOD		0.00019	ug/m^3	r	644852.72	4180057.70	6.58	0.00	6.58	
PERIOD		0.00019	ug/m^3	r	644815.58	4180084.08	6.54	0.00	6.54	
PERIOD		0.00038	ug/m^3	r	644434.45	4179763.78	6.41	0.00	6.41	
PERIOD		0.00036	ug/m^3	r	644480.49	4179753.87	6.37	0.00	6.37	
PERIOD		0.00034	ug/m^3	r	644533.82	4179754.07	6.24	0.00	6.24	
PERIOD		0.00033	ug/m^3	r	644572.15	4179751.45	6.22	0.00	6.22	
PERIOD		0.00032	ug/m^3	r	644614.87	4179749.47	6.36	0.00	6.36	
PERIOD		0.00031	ug/m^3	r	644666.65	4179744.39	6.25	0.00	6.25	
PERIOD		0.00030	ug/m^3	r	644709.75	4179741.55	6.42	0.00	6.42	
PERIOD		0.00031	ug/m^3	r	644654.65	4179684.42	6.98	0.00	6.98	
PERIOD		0.00029	ug/m^3	r	644756.54	4179741.37	6.28	0.00	6.28	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00028	ug/m^3	r	644802.88	4179734.95	6.43	0.00	6.43	
PERIOD		0.00039	ug/m^3	r	644438.45	4179613.05	6.74	0.00	6.74	
PERIOD		0.00039	ug/m^3	r	644419.90	4179655.61	6.44	0.00	6.44	
PERIOD		0.00036	ug/m^3	r	644515.31	4179578.76	6.95	0.00	6.95	
PERIOD		0.00034	ug/m^3	r	644568.92	4179611.72	6.77	0.00	6.77	
PERIOD		0.00032	ug/m^3	r	644632.74	4179604.09	6.97	0.00	6.97	
PERIOD		0.00032	ug/m^3	r	644622.52	4179628.84	6.75	0.00	6.75	
PERIOD		0.00030	ug/m^3	r	644692.02	4179626.72	6.77	0.00	6.77	
PERIOD		0.00029	ug/m^3	r	644715.72	4179622.20	6.74	0.00	6.74	
PERIOD		0.00029	ug/m^3	r	644736.91	4179575.92	6.98	0.00	6.98	
PERIOD		0.00026	ug/m^3	r	644896.13	4179734.33	6.68	0.00	6.68	
PERIOD		0.00026	ug/m^3	r	644890.29	4179678.94	6.88	0.00	6.88	
PERIOD		0.00026	ug/m^3	r	644870.72	4179630.27	6.88	0.00	6.88	
PERIOD		0.00026	ug/m^3	r	644844.88	4179581.26	6.89	0.00	6.89	
PERIOD		0.00027	ug/m^3	r	644811.63	4179524.16	7.12	0.00	7.12	
PERIOD		0.00026	ug/m^3	r	644888.52	4179486.80	7.31	0.00	7.31	
PERIOD		0.00027	ug/m^3	r	644843.91	4179447.63	7.35	0.00	7.35	
PERIOD		0.00029	ug/m^3	r	644751.04	4179453.34	7.24	0.00	7.24	
PERIOD		0.00032	ug/m^3	r	644687.08	4179421.77	7.25	0.00	7.25	
PERIOD		0.00035	ug/m^3	r	644651.04	4179382.11	7.43	0.00	7.43	
PERIOD		0.00030	ug/m^3	r	644781.49	4179374.57	7.52	0.00	7.52	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00032	ug/m^3	r	644638.75	4179524.00	6.77	0.00	6.77	
PERIOD		0.00030	ug/m^3	r	644704.20	4179540.46	7.02	0.00	7.02	
PERIOD		0.00033	ug/m^3	r	644720.05	4179331.30	7.66	0.00	7.66	
PERIOD		0.00037	ug/m^3	r	644652.73	4179276.83	7.82	0.00	7.82	
PERIOD		0.00040	ug/m^3	r	644594.69	4179286.60	7.81	0.00	7.81	
PERIOD		0.00042	ug/m^3	r	644553.55	4179307.88	8.03	0.00	8.03	
PERIOD		0.00038	ug/m^3	r	644582.85	4179385.45	7.42	0.00	7.42	
PERIOD		0.00038	ug/m^3	r	644547.59	4179463.84	7.26	0.00	7.26	
PERIOD		0.00034	ug/m^3	r	644587.96	4179533.53	6.99	0.00	6.99	
PERIOD		0.00041	ug/m^3	r	644464.69	4179511.51	7.11	0.00	7.11	
PERIOD		0.00044	ug/m^3	r	644458.51	4179430.01	7.27	0.00	7.27	
PERIOD		0.00041	ug/m^3	r	644481.84	4179451.80	7.24	0.00	7.24	
PERIOD		0.00043	ug/m^3	r	644511.17	4179343.07	7.49	0.00	7.49	
PERIOD		0.00051	ug/m^3	r	644422.52	4179188.89	8.22	0.00	8.22	
PERIOD		0.00047	ug/m^3	r	644494.33	4179201.46	8.16	0.00	8.16	
PERIOD		0.00046	ug/m^3	r	644536.24	4179160.11	8.33	0.00	8.33	
PERIOD		0.00047	ug/m^3	r	644510.90	4179123.08	8.42	0.00	8.42	
PERIOD		0.00049	ug/m^3	r	644479.20	4179133.58	8.35	0.00	8.35	
PERIOD		0.00050	ug/m^3	r	644448.31	4179129.95	8.47	0.00	8.47	
PERIOD		0.00050	ug/m^3	r	644452.76	4179185.46	8.12	0.00	8.12	
PERIOD		0.00031	ug/m^3	r	644819.26	4178110.75	12.44	0.00	12.44	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Unmitigated DPM\Tracy Alliance Phase 3 Unmitigated DPM.isc

AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00033	ug/m^3	r	644432.02	4178184.01	11.91	0.00	11.91	
PERIOD		0.00028	ug/m^3	r	643789.26	4178237.48	13.01	0.00	13.01	
PERIOD		0.00027	ug/m^3	r	643119.53	4178034.41	14.98	0.00	14.98	
PERIOD		0.00016	ug/m^3	r	640400.83	4178086.93	15.28	0.00	15.28	
PERIOD		0.00015	ug/m^3	r	640651.52	4182600.78	6.74	0.00	6.74	
PERIOD		0.00014	ug/m^3	r	640381.96	4182411.74	4.34	0.00	4.34	
PERIOD		0.00017	ug/m^3	r	640647.52	4182373.39	4.00	0.00	4.00	
PERIOD		0.00017	ug/m^3	r	640650.54	4182298.58	4.20	0.00	4.20	
PERIOD		0.00014	ug/m^3	r	641085.45	4182754.82	4.65	0.00	4.65	
PERIOD		0.00014	ug/m^3	r	641137.09	4182713.73	4.54	0.00	4.54	
PERIOD		0.00003	ug/m^3	r	644304.24	4182367.65	3.81	0.00	3.81	
PERIOD		0.00003	ug/m^3	r	644313.47	4182401.60	3.57	0.00	3.57	
PERIOD		0.00002	ug/m^3	r	644346.08	4182544.35	3.82	0.00	3.82	
PERIOD		0.00002	ug/m^3	r	644342.13	4182579.51	3.77	0.00	3.77	
PERIOD		0.00002	ug/m^3	r	644298.15	4182492.21	3.32	0.00	3.32	
PERIOD		0.00002	ug/m^3	r	644334.86	4182819.85	3.93	0.00	3.93	

PROJECT TITLE:

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

COMMENTS:

SOURCES:

5

RECEPTORS:

4193

OUTPUT TYPE:

Concentration

MAX:

9.6E-02 ug/m³

COMPANY NAME:

MODELER:

DATE:

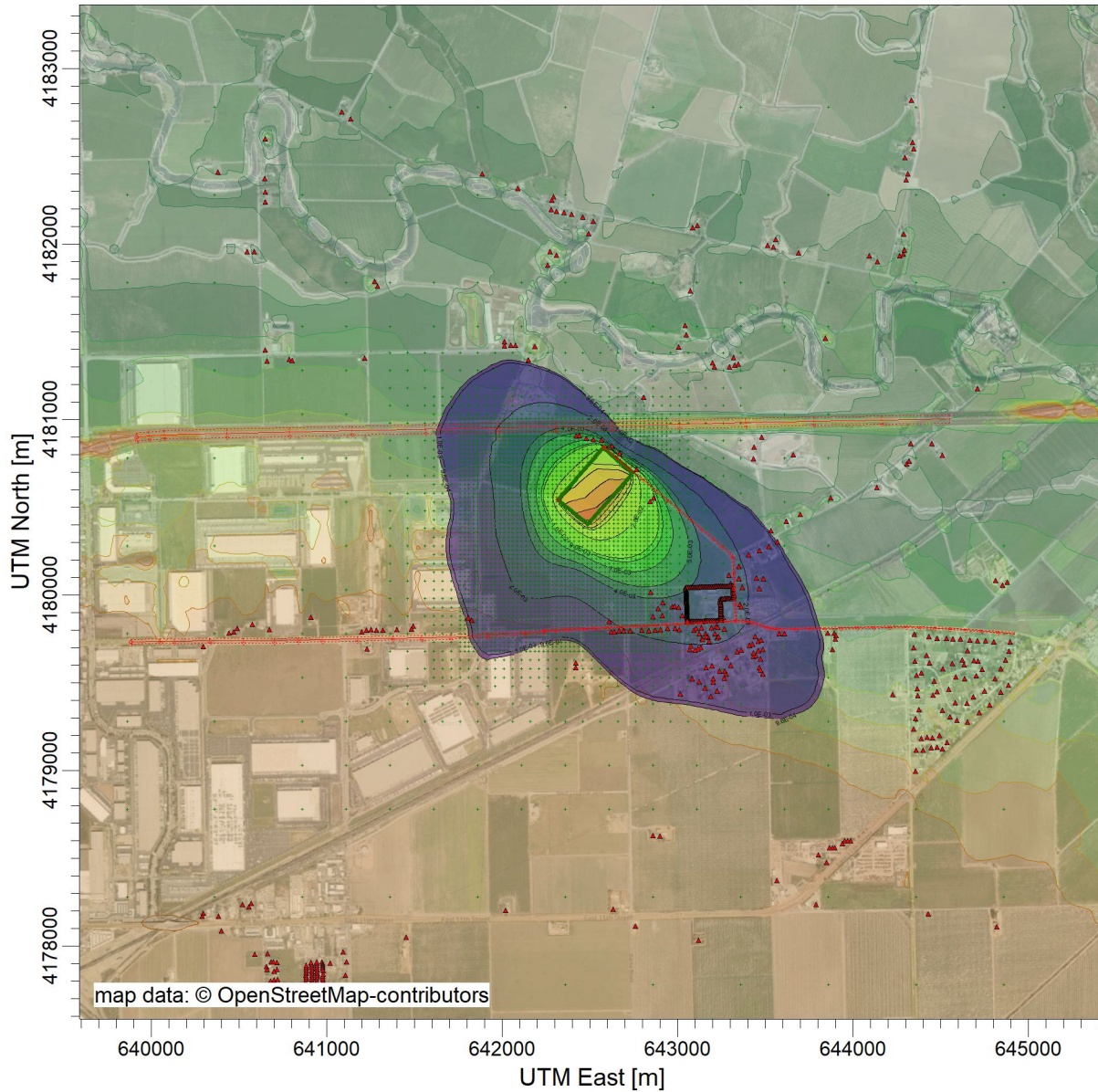
2/26/2021

SCALE:

1:39,357

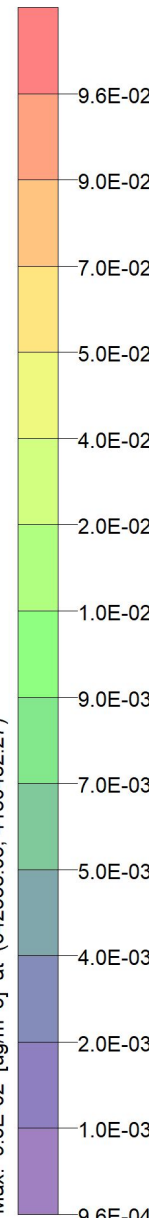
0 1 km

PROJECT NO.:



ug/m³

PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL
Max: 9.6E-02 [ug/m³] at (642558.05, 4180482.27)



Control Pathway

AERMOD

Dispersion Options

Titles C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i	
Dispersion Options <input type="checkbox"/> Regulatory Default <input checked="" type="checkbox"/> Non-Default Options	Dispersion Coefficient Rural
<input checked="" type="checkbox"/> Elevated Terrain <input type="checkbox"/> No Stack-Tip Downwash (NOSTD) <input type="checkbox"/> Run in Screening Mode <input type="checkbox"/> Conversion of NOx to NO2 (OLM or PVMRM) <input type="checkbox"/> No Checks for Non-Sequential Met Data <input checked="" type="checkbox"/> Fast All Sources (FASTALL) <input type="checkbox"/> Fast Area Sources (FASTAREA) <input type="checkbox"/> Optimized Area Source Plume Depletion <input type="checkbox"/> Gas Deposition	Output Type <input checked="" type="checkbox"/> Concentration <input type="checkbox"/> Total Deposition (Dry & Wet) <input type="checkbox"/> Dry Deposition <input type="checkbox"/> Wet Deposition
<div style="border: 1px solid black; padding: 5px;"> BETA Options: <input type="checkbox"/> Capped and Horizontal Stack Releases <input type="checkbox"/> Adjusted Friction Velocity (u*) in AERMET (ADJ_U*) <input type="checkbox"/> Low Wind Options </div> <input type="checkbox"/> SCIM (Sampled Chronological Input Model) <input type="checkbox"/> Ignore Urban Night / Daytime Transition (NOURBTRAN)	Plume Depletion <input type="checkbox"/> Dry Removal <input type="checkbox"/> Wet Removal
	Output Warnings <input type="checkbox"/> No Output Warnings <input checked="" type="checkbox"/> Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM10	Exponential Decay <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Averaging Time Options Hours <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input type="checkbox"/> 24 <input type="checkbox"/> Month <input checked="" type="checkbox"/> Period <input type="checkbox"/> Annual	Terrain Height Options <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Elevated SO: Meters RE: Meters TG: Meters
Flagpole Receptors <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Default Height = 0.00 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: Tracy Alliance Phase 3 Mitigated DPM.err

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: ONSITE_DPM

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
7.83	3.33	5.78E-10		4	642318.36	4180542.41
		5.78E-10			642488.85	4180403.36
		5.78E-10			642742.65	4180692.50
		5.78E-10			642577.64	4180841.32

Source Pathway - Source Inputs

AERMOD

Line Area Sources

Source Type: LINE AREA

Source: CALIFORNIA (DPM)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	1.93E-11	2.90	642581.69	4180845.00	5.40	3.12
			642727.49	4180720.69	5.12	3.12
			642877.23	4180595.74	6.11	3.12
			643202.58	4180319.14	6.29	3.12
			643306.68	4180231.08	6.65	3.12
			643317.60	4180212.76	6.49	3.12
			643333.57	4179858.23	7.79	3.12

Source Type: LINE AREA

Source: GRANT_NARROW (Grant Line - Narrow)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	2.02E-11	2.90	642240.15	4179796.64	10.66	0.00
			642370.14	4179802.71	10.56	0.00
			642468.35	4179807.41	10.65	0.00
			642522.65	4179810.81	10.42	0.00
			642601.30	4179815.09	10.26	0.00
			642753.89	4179822.72	9.65	0.00
			642870.97	4179828.53	9.00	0.00
			642997.37	4179834.93	8.56	0.00
			643058.89	4179838.14	8.24	0.00
			643276.88	4179849.70	7.72	0.00
			643328.83	4179852.61	7.77	0.00
			643373.85	4179852.10	7.93	0.00
			643406.67	4179847.70	8.14	0.00
			643430.60	4179842.01	8.40	0.00
			643493.86	4179821.89	8.50	0.00
			643512.08	4179816.54	8.42	0.00
			643534.21	4179811.19	7.81	0.00
			643559.11	4179807.66	7.64	0.00

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: GRANT_NARROW (Grant Line - Narrow)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
10.00	2.02E-11	2.90	643584.56	4179806.59	7.35	0.00
			643837.49	4179810.10	6.87	0.00
			644304.14	4179819.98	6.91	0.00
			644381.56	4179816.77	6.84	0.00
			644639.88	4179802.61	6.89	0.00
			644920.10	4179780.34	6.69	0.00

Source Type: LINE AREA

Source: GRANT_WIDE (East Grant - Wide)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
26.00	6.77E-12	2.90	639883.36	4179734.53	10.96	3.12
			640049.70	4179738.44	10.94	3.12
			640129.07	4179736.80	10.66	3.12
			640332.13	4179739.34	10.85	3.12
			640524.85	4179740.01	11.07	3.12
			640699.18	4179740.80	11.02	3.12
			640973.64	4179747.18	10.64	3.12
			641375.73	4179755.06	10.84	3.12
			641707.80	4179761.32	10.87	3.12
			642131.46	4179782.04	10.70	3.12
			642240.64	4179788.95	10.66	3.12

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: HWY205 (Highway 205)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
48.00	4.16E-12	2.90	639915.98	4180899.34	9.30	3.12
			639987.03	4180907.58	9.10	3.12
			640073.77	4180914.25	9.05	3.12
			641143.27	4180936.85	8.98	3.12
			641981.33	4180952.99	7.71	3.12
			642628.24	4180964.34	8.15	3.12
			643389.33	4180982.37	7.56	3.12
			644550.34	4181004.59	8.48	3.12

Source Pathway - Source Inputs

AERMOD

Area Sources Generated from Line Sources

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
GRANT_WIDE	A0000009	639883.67	4179721.54	3.12	166.38	358.66	10.84	2.90
	A0000010	640049.43	4179725.44	3.12	79.39	1.18	10.98	2.90
	A0000011	640129.23	4179723.80	3.12	203.07	359.28	10.73	2.90
	A0000012	640332.17	4179726.34	3.12	192.72	359.80	10.71	2.90
	A0000013	640524.91	4179727.01	3.12	174.34	359.74	10.98	2.90
	A0000014	640699.48	4179727.80	3.12	137.27	358.67	10.89	2.90
	A0000015	640836.71	4179730.99	3.12	137.27	358.67	10.89	2.90
	A0000016	640973.90	4179734.18	3.12	201.08	358.88	10.68	2.90
	A0000017	641174.94	4179738.12	3.12	201.08	358.88	10.81	2.90
	A0000018	641375.97	4179742.07	3.12	166.07	358.92	10.90	2.90
	A0000019	641542.01	4179745.19	3.12	166.07	358.92	10.74	2.90
	A0000020	641708.44	4179748.33	3.12	212.08	357.20	10.69	2.90
	A0000021	641920.26	4179758.69	3.12	212.08	357.20	10.50	2.90
	A0000022	642132.28	4179769.06	3.12	109.40	356.38	10.69	2.90

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARRO	A0000023	642240.38	4179791.65	0.00	65.07	357.33	10.66	2.90
	A0000024	642305.38	4179794.68	0.00	65.07	357.33	10.56	2.90
	A0000025	642370.38	4179797.71	0.00	98.32	357.26	10.60	2.90
	A0000026	642468.66	4179802.42	0.00	54.41	356.41	10.64	2.90
	A0000027	642522.92	4179805.82	0.00	78.77	356.89	10.54	2.90
	A0000028	642601.55	4179810.09	0.00	76.39	357.14	10.35	2.90
	A0000029	642677.85	4179813.91	0.00	76.39	357.14	9.91	2.90
	A0000030	642754.14	4179817.73	0.00	58.61	357.16	9.67	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000031	642812.68	4179820.63	0.00	58.61	357.16	9.22	2.90
	A0000032	642871.22	4179823.54	0.00	63.28	357.10	9.01	2.90
	A0000033	642934.42	4179826.74	0.00	63.28	357.10	8.67	2.90
	A0000034	642997.63	4179829.94	0.00	61.60	357.02	8.39	2.90
	A0000035	643059.15	4179833.15	0.00	72.77	356.96	8.14	2.90
	A0000036	643131.82	4179837.00	0.00	72.77	356.96	8.08	2.90
	A0000037	643204.48	4179840.86	0.00	72.77	356.96	7.77	2.90
	A0000038	643277.16	4179844.71	0.00	52.03	356.80	7.73	2.90
	A0000039	643328.78	4179847.61	0.00	45.02	0.64	7.75	2.90
	A0000040	643373.19	4179847.15	0.00	33.11	7.64	7.77	2.90
	A0000041	643405.51	4179842.84	0.00	24.60	13.38	8.11	2.90
	A0000042	643429.09	4179837.25	0.00	66.38	17.65	8.19	2.90
	A0000043	643492.45	4179817.09	0.00	18.99	16.38	8.49	2.90
	A0000044	643510.91	4179811.68	0.00	22.76	13.58	8.32	2.90
	A0000045	643533.51	4179806.24	0.00	25.16	8.06	7.92	2.90
	A0000046	643558.90	4179802.67	0.00	25.46	2.41	7.59	2.90
	A0000047	643584.62	4179801.59	0.00	84.32	359.21	7.31	2.90
	A0000048	643668.94	4179802.76	0.00	84.32	359.21	7.02	2.90
	A0000049	643753.25	4179803.93	0.00	84.32	359.21	6.74	2.90
	A0000050	643837.59	4179805.10	0.00	93.35	358.79	6.68	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
HWY205	A0000051	639918.75	4180875.50	3.12	71.52	353.38	9.02	2.90
	A0000052	639988.87	4180883.65	3.12	87.00	355.60	8.61	2.90
	A0000053	640074.28	4180890.26	3.12	356.58	358.79	8.48	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
HWY205	A0000054	640430.78	4180897.79	3.12	356.58	358.79	8.49	2.90
	A0000055	640787.28	4180905.32	3.12	356.58	358.79	8.59	2.90
	A0000056	641143.74	4180912.85	3.12	419.10	358.90	8.51	2.90
	A0000057	641562.76	4180920.92	3.12	419.10	358.90	7.64	2.90
	A0000058	641981.75	4180929.00	3.12	323.51	358.99	8.25	2.90
	A0000059	642305.20	4180934.67	3.12	323.51	358.99	7.12	2.90
	A0000060	642628.81	4180940.35	3.12	380.65	358.64	6.75	2.90
	A0000061	643009.35	4180949.36	3.12	380.65	358.64	7.27	2.90
	A0000062	643389.79	4180958.37	3.12	387.08	358.90	7.83	2.90
	A0000063	643776.79	4180965.78	3.12	387.08	358.90	6.85	2.90
	A0000064	644163.80	4180973.19	3.12	387.08	358.90	6.95	2.90
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
RANT_NARROW	A0000082	643930.92	4179807.08	0.00	93.35	358.79	6.50	2.90
	A0000083	644024.26	4179809.05	0.00	93.35	358.79	6.50	2.90
	A0000084	644117.59	4179811.03	0.00	93.35	358.79	6.49	2.90
	A0000085	644210.92	4179813.00	0.00	93.35	358.79	6.58	2.90
	A0000086	644303.93	4179814.98	0.00	77.49	2.37	6.83	2.90
	A0000087	644381.29	4179811.78	0.00	86.23	3.14	6.69	2.90
	A0000088	644467.39	4179807.06	0.00	86.23	3.14	6.78	2.90
	A0000089	644553.50	4179802.34	0.00	86.23	3.14	6.78	2.90
	A0000090	644639.48	4179797.63	0.00	93.70	4.54	6.67	2.90
	A0000091	644732.89	4179790.20	0.00	93.70	4.54	6.64	2.90
	A0000092	644826.30	4179782.78	0.00	93.70	4.54	6.68	2.90

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
CALIFORNIA	A0000093	642578.44	4180841.20	3.12	95.80	40.45	5.30	2.90
	A0000094	642651.35	4180779.04	3.12	95.80	40.45	5.18	2.90
	A0000095	642724.29	4180716.85	3.12	97.51	39.84	5.00	2.90
	A0000096	642799.16	4180654.37	3.12	97.51	39.84	5.50	2.90
	A0000097	642873.99	4180591.93	3.12	85.41	40.37	6.05	2.90
	A0000098	642939.06	4180536.61	3.12	85.41	40.37	6.02	2.90
	A0000099	643004.13	4180481.29	3.12	85.41	40.37	6.06	2.90
	A0000100	643069.20	4180425.97	3.12	85.41	40.37	6.07	2.90
	A0000101	643134.27	4180370.65	3.12	85.41	40.37	6.27	2.90
	A0000102	643199.35	4180315.32	3.12	68.18	40.23	6.30	2.90
	A0000103	643251.40	4180271.29	3.12	68.18	40.23	6.44	2.90
	A0000104	643302.39	4180228.53	3.12	21.33	59.21	6.53	2.90
	A0000105	643312.61	4180212.53	3.12	88.72	87.42	6.43	2.90
	A0000106	643316.60	4180123.90	3.12	88.72	87.42	6.69	2.90
	A0000107	643320.59	4180035.27	3.12	88.72	87.42	6.86	2.90
	A0000108	643324.58	4179946.63	3.12	88.72	87.42	7.30	2.90

Receptor Pathway

AERMOD

Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Discrete Cartesian Receptors

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	642423.59	4180906.20		5.74	
2	642441.65	4180909.13		5.71	
3	642480.08	4180894.46		6.83	
4	642519.76	4180888.29		5.42	
5	642566.51	4180882.54		5.07	
6	642626.31	4180850.18		5.27	
7	642669.21	4180807.50		4.70	
8	642766.30	4180717.00		5.31	
9	642864.59	4180554.77		5.81	
10	642843.70	4180532.79		5.99	
11	642612.01	4179848.87		9.81	
12	642624.90	4179791.78		10.39	
13	642639.86	4179791.65		10.35	
14	642667.43	4179795.46		9.94	
15	642693.29	4179797.16		9.84	
16	642728.95	4179797.77		9.79	
17	642798.23	4179801.48		9.03	
18	642838.25	4179796.55		8.93	
19	642873.35	4179801.20		8.83	
20	642903.14	4179804.04		8.64	
21	642861.85	4179877.44		8.79	
22	642915.46	4179883.14		9.24	
23	642889.34	4179922.70		8.80	
24	642916.53	4179957.30		8.35	
25	642846.92	4180017.86		8.29	
26	642969.73	4179932.63		8.53	
27	642984.82	4179936.19		8.37	
28	643006.43	4179931.45		8.58	
29	643027.44	4179882.32		8.62	
30	642942.74	4179809.51		8.49	

Receptor Pathway

AERMOD

31	642986.00	4179809.05	8.33
32	643009.48	4179802.10	8.33
33	643092.88	4179800.30	7.67
34	643107.73	4179811.01	7.72
35	643138.65	4179813.25	8.23
36	643123.91	4179779.64	8.25
37	643160.42	4179780.20	8.27
38	643175.36	4179761.55	8.29
39	643163.42	4179763.67	8.32
40	643139.64	4179753.74	8.35
41	643144.44	4179746.59	8.39
42	643213.32	4179778.97	8.13
43	643220.99	4179818.86	7.81
44	643231.24	4179817.25	7.83
45	643195.08	4179812.50	7.85
46	643266.55	4179806.39	7.79
47	643225.65	4179758.26	8.28
48	643235.56	4179763.82	8.27
49	643180.87	4179738.16	8.54
50	643132.53	4179699.67	8.87
51	643117.14	4179693.48	8.81
52	643101.08	4179686.86	8.98
53	643069.34	4179691.13	9.02
54	643077.53	4179710.91	8.88
55	643018.96	4179438.01	10.05
56	643084.59	4179523.29	9.74
57	643123.69	4179508.56	9.65
58	643205.32	4179504.68	9.73
59	643205.63	4179524.47	9.49
60	643228.04	4179453.82	9.60
61	643191.32	4179422.31	9.37
62	643156.40	4179471.78	9.88
63	643267.56	4179525.34	9.42
64	643239.54	4179565.68	9.28
65	643269.96	4179568.47	9.13
66	643276.56	4179548.69	9.25
67	643304.54	4179598.63	8.34
68	643198.44	4179596.54	9.10

Receptor Pathway

AERMOD

69	643165.27	4179587.66	9.05
70	643279.62	4179642.39	8.41
71	643342.12	4179677.63	8.40
72	643365.52	4179686.82	8.14
73	643412.02	4179712.59	8.03
74	643426.83	4179720.88	8.06
75	643443.06	4179763.53	7.71
76	643462.19	4179738.10	7.72
77	643477.05	4179744.65	7.75
78	643609.19	4179779.40	6.99
79	643581.34	4179779.40	7.10
80	643486.28	4179690.48	7.69
81	643461.70	4179683.07	7.85
82	643435.58	4179649.08	7.89
83	643445.96	4179656.83	7.86
84	643433.08	4179668.66	7.88
85	643472.43	4179636.73	7.74
86	643467.63	4179586.55	7.66
87	643474.60	4179575.24	7.82
88	643488.40	4179549.74	7.60
89	644226.05	4179433.08	7.30
90	643856.00	4179782.95	6.39
91	643894.54	4179783.96	6.19
92	643904.86	4179771.37	6.11
93	643902.09	4179750.97	6.08
94	643884.46	4179690.78	6.26
95	643988.56	4178601.40	11.42
96	643970.67	4178600.51	11.44
97	643953.35	4178599.84	11.46
98	643940.61	4178583.63	11.57
99	643898.25	4178561.06	11.56
100	643882.49	4178560.50	11.54
101	643868.08	4178560.61	11.50
102	643850.61	4178477.15	12.36
103	643802.93	4178519.25	11.99
104	643566.21	4178374.81	12.85
105	642899.11	4178625.63	13.25
106	642861.77	4178630.37	13.35

Receptor Pathway

AERMOD

107	642634.32	4178208.71	14.34
108	642761.13	4178115.10	14.42
109	642021.23	4178205.01	14.76
110	641455.17	4178051.75	15.53
111	640663.35	4177956.52	16.03
112	640591.80	4177954.95	16.27
113	640596.52	4177721.41	16.97
114	640657.83	4177883.48	16.30
115	640682.46	4177911.49	16.15
116	640695.49	4177909.55	16.19
117	640717.22	4177907.62	16.19
118	640718.67	4177867.06	16.41
119	640699.36	4177856.92	16.47
120	640661.69	4177868.02	16.36
121	640679.07	4177800.90	16.71
122	640699.84	4177807.66	16.56
123	640721.09	4177809.59	16.64
124	640660.72	4177772.41	16.71
125	640702.74	4177753.09	16.93
126	640669.42	4177758.89	16.73
127	640743.35	4177756.71	16.91
128	640801.27	4177764.04	16.95
129	640850.11	4177764.04	16.95
130	640883.26	4177755.67	16.90
131	640884.30	4177764.39	16.93
132	640885.00	4177773.81	16.93
133	640885.00	4177782.53	16.93
134	640883.26	4177791.95	16.90
135	640916.40	4177756.36	16.97
136	640946.76	4177754.97	16.87
137	640947.11	4177767.88	16.73
138	640916.75	4177765.78	16.94
139	640946.06	4177777.65	16.71
140	640917.80	4177775.20	16.88
141	640945.36	4177787.42	16.70
142	640917.80	4177784.97	16.88
143	640914.31	4177804.16	16.85
144	640916.40	4177794.39	16.87

Receptor Pathway

AERMOD

145	640943.62	4177804.86	16.66
146	640945.71	4177795.79	16.69
147	640979.90	4177758.81	16.68
148	640978.16	4177769.27	16.64
149	640976.41	4177776.95	16.63
150	640978.16	4177792.30	16.53
151	640978.85	4177801.02	16.50
152	640977.81	4177809.40	16.48
153	640978.51	4177820.56	16.46
154	640977.81	4177828.59	16.44
155	640879.77	4177800.67	16.84
156	640883.61	4177813.23	16.81
157	640885.35	4177824.75	16.84
158	640915.24	4177814.31	16.81
159	640945.30	4177816.13	16.60
160	640947.12	4177825.60	16.60
161	640915.97	4177824.87	16.78
162	640916.34	4177835.07	16.75
163	640946.57	4177835.98	16.57
164	640946.75	4177845.63	16.52
165	640915.61	4177844.18	16.73
166	640879.91	4177832.52	16.80
167	640885.19	4177842.36	16.74
168	640884.46	4177851.64	16.68
169	640916.34	4177852.74	16.71
170	640945.30	4177854.74	16.47
171	640945.48	4177863.12	16.45
172	640915.06	4177861.30	16.67
173	640883.19	4177861.12	16.61
174	640883.92	4177871.31	16.54
175	640885.38	4177879.87	16.49
176	640883.19	4177890.80	16.49
177	640915.97	4177871.68	16.61
178	640914.88	4177881.70	16.58
179	640944.20	4177871.86	16.44
180	640945.30	4177883.15	16.39
181	640944.57	4177893.17	16.37
182	640913.61	4177888.98	16.55

Receptor Pathway

AERMOD

183	640913.61	4177898.82	16.54
184	640944.20	4177902.46	16.38
185	640911.97	4177907.92	16.48
186	640944.75	4177911.02	16.35
187	640975.17	4177909.38	16.22
188	640976.99	4177900.64	16.25
189	640976.62	4177891.35	16.28
190	640978.44	4177881.51	16.26
191	640978.26	4177870.77	16.30
192	640980.08	4177860.39	16.31
193	640979.17	4177841.08	16.36
194	641027.15	4177771.72	16.80
195	641097.01	4177769.15	16.46
196	641050.94	4177776.86	16.58
197	641106.22	4177834.93	16.34
198	641112.42	4177909.52	15.89
199	641020.43	4177904.78	16.35
200	641092.38	4177966.96	15.79
201	640555.64	4178224.82	14.68
202	640382.10	4178168.75	15.06
203	640295.47	4178186.85	14.80
204	640289.24	4178169.94	14.93
205	640520.34	4178237.28	14.56
206	640568.99	4178242.62	14.68
207	642421.71	4179614.03	11.33
208	642419.19	4179586.04	11.55
209	641230.76	4179694.87	11.83
210	641806.79	4179870.63	10.26
211	641825.54	4179856.53	10.36
212	641492.88	4179824.18	10.67
213	641482.98	4179806.49	10.62
214	641401.40	4179805.19	10.73
215	641322.12	4179800.31	10.62
216	641199.49	4179789.22	10.67
217	641226.51	4179799.31	10.67
218	641254.87	4179804.73	10.50
219	641284.46	4179798.64	10.58
220	640672.91	4179804.60	10.57

Receptor Pathway

AERMOD

221	640909.50	4179873.06	10.45
222	640576.50	4179834.99	10.64
223	640471.40	4179791.88	10.57
224	640443.73	4179783.09	10.83
225	640490.06	4179808.83	10.59
226	640298.17	4179708.55	10.87
227	642150.64	4181339.61	4.85
228	642186.00	4181418.01	7.29
229	642076.74	4181423.01	4.93
230	642050.52	4181423.14	4.58
231	642015.47	4181420.37	4.60
232	642015.07	4181445.02	4.71
233	642806.07	4181128.16	4.97
234	643211.49	4181300.90	4.80
235	643199.12	4181323.37	4.79
236	643298.61	4181300.90	4.44
237	643326.13	4181311.50	4.53
238	643346.84	4181318.07	4.50
239	643321.08	4181355.19	5.00
240	643007.36	4181415.17	5.45
241	643051.46	4181483.78	5.49
242	643044.62	4181536.90	5.24
243	643074.82	4181735.00	4.31
244	643086.22	4182094.01	4.58
245	643112.32	4182105.50	4.56
246	643546.53	4181985.18	4.06
247	643513.62	4181994.64	3.90
248	643562.16	4182026.32	4.07
249	643691.88	4181951.64	4.69
250	644094.39	4181935.13	4.86
251	644141.12	4181899.90	4.90
252	644267.45	4181934.22	4.95
253	644287.49	4181943.88	4.85
254	644292.76	4181965.65	4.78
255	644292.05	4182056.81	6.89
256	642259.02	4181880.67	7.16
257	642310.80	4181936.64	7.27
258	642273.02	4181956.93	7.39

Receptor Pathway

AERMOD

259	642495.22	4182060.53	5.17
260	642520.63	4182128.95	4.82
261	642460.07	4182152.93	4.89
262	642395.94	4182171.85	4.89
263	642354.64	4182180.55	4.85
264	642309.47	4182187.07	4.89
265	642280.75	4182195.60	5.04
266	642284.96	4182251.52	5.06
267	642294.26	4182270.05	5.02
268	642091.45	4182315.72	5.07
269	641887.74	4182399.30	5.07
270	641273.71	4181787.58	6.87
271	641291.66	4181761.78	6.62
272	641217.11	4181351.16	5.94
273	640660.60	4181335.03	6.14
274	640788.06	4181343.64	5.94
275	640803.39	4181338.45	5.94
276	640649.98	4181397.27	5.41
277	640648.73	4182240.43	4.11
278	640586.47	4181956.43	4.05
279	640547.21	4181955.64	4.18
280	643437.92	4180843.06	2.54
281	643481.97	4180898.97	2.54
282	643433.96	4180777.27	2.63
283	643661.26	4180799.81	3.40
284	643358.63	4179948.56	7.24
285	643364.90	4179934.14	7.30
286	643369.06	4180042.08	8.11
287	643467.43	4180035.35	8.23
288	643303.09	4180066.52	6.80
289	643292.53	4180113.09	6.82
290	643351.83	4180094.85	6.59
291	643450.64	4180097.01	6.22
292	643491.34	4180094.80	7.11
293	643349.76	4180163.14	6.28
294	643408.25	4180231.85	5.77
295	643467.32	4180253.70	5.80
296	643521.65	4180278.59	5.50

Receptor Pathway

AERMOD

297	643572.31	4180303.75		5.37
298	643533.46	4180366.45		5.09
299	643621.79	4180419.99		8.03
300	643700.62	4180460.54		7.92
301	643875.45	4180553.54		7.92
302	643262.17	4179872.86		7.65
303	644358.55	4178997.60		8.74
304	644360.03	4179117.34		8.37
305	644400.66	4179118.33		8.38
306	644391.43	4179183.34		8.30
307	644346.19	4179235.67		8.00
308	644358.03	4179295.58		7.62
309	644377.37	4179348.51		7.39
310	644370.04	4179426.85		7.14
311	644366.28	4179467.77		6.98
312	644392.01	4179558.11		6.89
313	644363.59	4179543.35		6.81
314	644353.27	4179624.50		6.82
315	644348.20	4179699.91		6.66
316	644350.67	4179777.56		6.55
317	643056.95	4179847.93	FENCEPRI	8.07
318	643249.62	4179856.27	FENCEPRI	7.72
319	643244.70	4179977.45	FENCEPRI	7.48
320	643320.11	4179981.67	FENCEPRI	7.10
321	643317.62	4180052.81	FENCEPRI	6.83
322	643048.31	4180042.53	FENCEPRI	7.22
323	643061.89	4179848.14	FENCEINT	7.88
324	643066.83	4179848.36	FENCEINT	7.82
325	643071.77	4179848.57	FENCEINT	7.83
326	643076.71	4179848.79	FENCEINT	7.80
327	643081.65	4179849.00	FENCEINT	7.76
328	643086.59	4179849.21	FENCEINT	7.74
329	643091.53	4179849.43	FENCEINT	7.72
330	643096.47	4179849.64	FENCEINT	7.71
331	643101.41	4179849.85	FENCEINT	7.70
332	643106.35	4179850.07	FENCEINT	7.70
333	643111.29	4179850.28	FENCEINT	7.73
334	643116.23	4179850.50	FENCEINT	7.74

Receptor Pathway

AERMOD

335	643121.17	4179850.71	FENCEINT	7.75
336	643126.11	4179850.92	FENCEINT	7.75
337	643131.05	4179851.14	FENCEINT	7.75
338	643135.99	4179851.35	FENCEINT	7.76
339	643140.93	4179851.57	FENCEINT	7.75
340	643145.87	4179851.78	FENCEINT	7.74
341	643150.81	4179851.99	FENCEINT	7.77
342	643155.76	4179852.21	FENCEINT	7.81
343	643160.70	4179852.42	FENCEINT	7.85
344	643165.64	4179852.63	FENCEINT	7.87
345	643170.58	4179852.85	FENCEINT	7.88
346	643175.52	4179853.06	FENCEINT	7.87
347	643180.46	4179853.28	FENCEINT	7.87
348	643185.40	4179853.49	FENCEINT	7.88
349	643190.34	4179853.70	FENCEINT	7.87
350	643195.28	4179853.92	FENCEINT	7.87
351	643200.22	4179854.13	FENCEINT	7.86
352	643205.16	4179854.35	FENCEINT	7.86
353	643210.10	4179854.56	FENCEINT	7.86
354	643215.04	4179854.77	FENCEINT	7.85
355	643219.98	4179854.99	FENCEINT	7.83
356	643224.92	4179855.20	FENCEINT	7.82
357	643229.86	4179855.41	FENCEINT	7.80
358	643234.80	4179855.63	FENCEINT	7.79
359	643239.74	4179855.84	FENCEINT	7.77
360	643244.68	4179856.06	FENCEINT	7.74
361	643249.42	4179861.12	FENCEINT	7.68
362	643249.23	4179865.96	FENCEINT	7.67
363	643249.03	4179870.81	FENCEINT	7.66
364	643248.83	4179875.66	FENCEINT	7.65
365	643248.64	4179880.51	FENCEINT	7.64
366	643248.44	4179885.35	FENCEINT	7.63
367	643248.24	4179890.20	FENCEINT	7.63
368	643248.05	4179895.05	FENCEINT	7.63
369	643247.85	4179899.89	FENCEINT	7.63
370	643247.65	4179904.74	FENCEINT	7.64
371	643247.46	4179909.59	FENCEINT	7.64
372	643247.26	4179914.44	FENCEINT	7.66

Receptor Pathway

AERMOD

373	643247.06	4179919.28	FENCEINT	7.69
374	643246.86	4179924.13	FENCEINT	7.71
375	643246.67	4179928.98	FENCEINT	7.67
376	643246.47	4179933.83	FENCEINT	7.64
377	643246.27	4179938.67	FENCEINT	7.62
378	643246.08	4179943.52	FENCEINT	7.59
379	643245.88	4179948.37	FENCEINT	7.56
380	643245.68	4179953.21	FENCEINT	7.53
381	643245.49	4179958.06	FENCEINT	7.50
382	643245.29	4179962.91	FENCEINT	7.48
383	643245.09	4179967.76	FENCEINT	7.48
384	643244.90	4179972.60	FENCEINT	7.48
385	643249.41	4179977.71	FENCEINT	7.48
386	643254.13	4179977.98	FENCEINT	7.45
387	643258.84	4179978.24	FENCEINT	7.42
388	643263.55	4179978.51	FENCEINT	7.37
389	643268.27	4179978.77	FENCEINT	7.32
390	643272.98	4179979.03	FENCEINT	7.28
391	643277.69	4179979.30	FENCEINT	7.23
392	643282.41	4179979.56	FENCEINT	7.19
393	643287.12	4179979.82	FENCEINT	7.15
394	643291.83	4179980.09	FENCEINT	7.11
395	643296.54	4179980.35	FENCEINT	7.08
396	643301.26	4179980.62	FENCEINT	7.07
397	643305.97	4179980.88	FENCEINT	7.07
398	643310.68	4179981.14	FENCEINT	7.07
399	643315.40	4179981.41	FENCEINT	7.08
400	643319.94	4179986.41	FENCEINT	7.15
401	643319.78	4179991.16	FENCEINT	7.11
402	643319.61	4179995.90	FENCEINT	7.07
403	643319.45	4180000.64	FENCEINT	7.04
404	643319.28	4180005.38	FENCEINT	7.01
405	643319.11	4180010.13	FENCEINT	6.98
406	643318.95	4180014.87	FENCEINT	6.96
407	643318.78	4180019.61	FENCEINT	6.94
408	643318.62	4180024.35	FENCEINT	6.93
409	643318.45	4180029.10	FENCEINT	6.92
410	643318.28	4180033.84	FENCEINT	6.92

Receptor Pathway

AERMOD

411	643318.12	4180038.58	FENCEINT	6.91
412	643317.95	4180043.32	FENCEINT	6.88
413	643317.79	4180048.07	FENCEINT	6.84
414	643312.63	4180052.62	FENCEINT	6.84
415	643307.65	4180052.43	FENCEINT	6.88
416	643302.66	4180052.24	FENCEINT	6.93
417	643297.67	4180052.05	FENCEINT	6.97
418	643292.68	4180051.86	FENCEINT	7.02
419	643287.70	4180051.67	FENCEINT	7.07
420	643282.71	4180051.48	FENCEINT	7.13
421	643277.72	4180051.29	FENCEINT	7.17
422	643272.74	4180051.10	FENCEINT	7.21
423	643267.75	4180050.91	FENCEINT	7.19
424	643262.76	4180050.72	FENCEINT	7.16
425	643257.77	4180050.53	FENCEINT	7.07
426	643252.79	4180050.34	FENCEINT	7.04
427	643247.80	4180050.14	FENCEINT	7.02
428	643242.81	4180049.95	FENCEINT	7.02
429	643237.82	4180049.76	FENCEINT	7.04
430	643232.84	4180049.57	FENCEINT	7.10
431	643227.85	4180049.38	FENCEINT	7.16
432	643222.86	4180049.19	FENCEINT	7.23
433	643217.88	4180049.00	FENCEINT	7.25
434	643212.89	4180048.81	FENCEINT	7.27
435	643207.90	4180048.62	FENCEINT	7.28
436	643202.91	4180048.43	FENCEINT	7.29
437	643197.93	4180048.24	FENCEINT	7.30
438	643192.94	4180048.05	FENCEINT	7.29
439	643187.95	4180047.86	FENCEINT	7.29
440	643182.97	4180047.67	FENCEINT	7.28
441	643177.98	4180047.48	FENCEINT	7.28
442	643172.99	4180047.29	FENCEINT	7.28
443	643168.00	4180047.10	FENCEINT	7.27
444	643163.02	4180046.91	FENCEINT	7.26
445	643158.03	4180046.72	FENCEINT	7.24
446	643153.04	4180046.53	FENCEINT	7.22
447	643148.05	4180046.34	FENCEINT	7.19
448	643143.07	4180046.15	FENCEINT	7.17

Receptor Pathway

AERMOD

449	643138.08	4180045.96	FENCEINT	7.14
450	643133.09	4180045.77	FENCEINT	7.11
451	643128.11	4180045.58	FENCEINT	7.10
452	643123.12	4180045.39	FENCEINT	7.09
453	643118.13	4180045.20	FENCEINT	7.10
454	643113.14	4180045.00	FENCEINT	7.11
455	643108.16	4180044.81	FENCEINT	7.11
456	643103.17	4180044.62	FENCEINT	7.13
457	643098.18	4180044.43	FENCEINT	7.14
458	643093.20	4180044.24	FENCEINT	7.15
459	643088.21	4180044.05	FENCEINT	7.15
460	643083.22	4180043.86	FENCEINT	7.15
461	643078.23	4180043.67	FENCEINT	7.16
462	643073.25	4180043.48	FENCEINT	7.16
463	643068.26	4180043.29	FENCEINT	7.16
464	643063.27	4180043.10	FENCEINT	7.16
465	643058.28	4180042.91	FENCEINT	7.17
466	643053.30	4180042.72	FENCEINT	7.19
467	643048.53	4180037.54	FENCEINT	7.23
468	643048.75	4180032.55	FENCEINT	7.23
469	643048.97	4180027.56	FENCEINT	7.20
470	643049.20	4180022.57	FENCEINT	7.17
471	643049.42	4180017.58	FENCEINT	7.17
472	643049.64	4180012.59	FENCEINT	7.16
473	643049.86	4180007.60	FENCEINT	7.17
474	643050.08	4180002.61	FENCEINT	7.17
475	643050.30	4179997.62	FENCEINT	7.19
476	643050.53	4179992.63	FENCEINT	7.21
477	643050.75	4179987.64	FENCEINT	7.21
478	643050.97	4179982.65	FENCEINT	7.21
479	643051.19	4179977.66	FENCEINT	7.23
480	643051.41	4179972.67	FENCEINT	7.26
481	643051.63	4179967.68	FENCEINT	7.31
482	643051.85	4179962.69	FENCEINT	7.37
483	643052.08	4179957.70	FENCEINT	7.48
484	643052.30	4179952.71	FENCEINT	7.61
485	643052.52	4179947.72	FENCEINT	7.67
486	643052.74	4179942.74	FENCEINT	7.70

Receptor Pathway

AERMOD

487	643052.96	4179937.75	FENCEINT	7.73
488	643053.18	4179932.76	FENCEINT	7.75
489	643053.41	4179927.77	FENCEINT	7.77
490	643053.63	4179922.78	FENCEINT	7.80
491	643053.85	4179917.79	FENCEINT	7.83
492	643054.07	4179912.80	FENCEINT	7.87
493	643054.29	4179907.81	FENCEINT	7.90
494	643054.51	4179902.82	FENCEINT	7.92
495	643054.73	4179897.83	FENCEINT	7.94
496	643054.96	4179892.84	FENCEINT	7.96
497	643055.18	4179887.85	FENCEINT	7.97
498	643055.40	4179882.86	FENCEINT	7.96
499	643055.62	4179877.87	FENCEINT	7.95
500	643055.84	4179872.88	FENCEINT	7.94
501	643056.06	4179867.89	FENCEINT	7.95
502	643056.29	4179862.90	FENCEINT	7.98
503	643056.51	4179857.91	FENCEINT	8.01
504	643056.73	4179852.92	FENCEINT	8.03
505	644709.80	4181175.99		5.24
506	643845.20	4181463.75		7.71
507	644330.00	4180865.21		4.60
508	644452.33	4180865.29		5.27
509	644512.10	4180798.27		7.93
510	644319.84	4180764.59		4.35
511	644308.04	4180746.23		4.90
512	644138.04	4180612.81		5.41
513	644879.84	4180073.43		6.41
514	644852.72	4180057.70		6.58
515	644815.58	4180084.08		6.54
516	644434.45	4179763.78		6.41
517	644480.49	4179753.87		6.37
518	644533.82	4179754.07		6.24
519	644572.15	4179751.45		6.22
520	644614.87	4179749.47		6.36
521	644666.65	4179744.39		6.25
522	644709.75	4179741.55		6.42
523	644654.65	4179684.42		6.98
524	644756.54	4179741.37		6.28

Receptor Pathway

AERMOD

525	644802.88	4179734.95	6.43
526	644438.45	4179613.05	6.74
527	644419.90	4179655.61	6.44
528	644515.31	4179578.76	6.95
529	644568.92	4179611.72	6.77
530	644632.74	4179604.09	6.97
531	644622.52	4179628.84	6.75
532	644692.02	4179626.72	6.77
533	644715.72	4179622.20	6.74
534	644736.91	4179575.92	6.98
535	644896.13	4179734.33	6.68
536	644890.29	4179678.94	6.88
537	644870.72	4179630.27	6.88
538	644844.88	4179581.26	6.89
539	644811.63	4179524.16	7.12
540	644888.52	4179486.80	7.31
541	644843.91	4179447.63	7.35
542	644751.04	4179453.34	7.24
543	644687.08	4179421.77	7.25
544	644651.04	4179382.11	7.43
545	644781.49	4179374.57	7.52
546	644638.75	4179524.00	6.77
547	644704.20	4179540.46	7.02
548	644720.05	4179331.30	7.66
549	644652.73	4179276.83	7.82
550	644594.69	4179286.60	7.81
551	644553.55	4179307.88	8.03
552	644582.85	4179385.45	7.42
553	644547.59	4179463.84	7.26
554	644587.96	4179533.53	6.99
555	644464.69	4179511.51	7.11
556	644458.51	4179430.01	7.27
557	644481.84	4179451.80	7.24
558	644511.17	4179343.07	7.49
559	644422.52	4179188.89	8.22
560	644494.33	4179201.46	8.16
561	644536.24	4179160.11	8.33
562	644510.90	4179123.08	8.42

Receptor Pathway

AERMOD

563	644479.20	4179133.58	8.35
564	644448.31	4179129.95	8.47
565	644452.76	4179185.46	8.12
566	644819.26	4178110.75	12.44
567	644432.02	4178184.01	11.91
568	643789.26	4178237.48	13.01
569	643119.53	4178034.41	14.98
570	640400.83	4178086.93	15.28
571	640651.52	4182600.78	6.74
572	640381.96	4182411.74	4.34
573	640647.52	4182373.39	4.00
574	640650.54	4182298.58	4.20
575	641085.45	4182754.82	4.65
576	641137.09	4182713.73	4.54
577	644304.24	4182367.65	3.81
578	644313.47	4182401.60	3.57
579	644346.08	4182544.35	3.82
580	644342.13	4182579.51	3.77
581	644298.15	4182492.21	3.32
582	644334.86	4182819.85	3.93

Plant Boundary Receptors

Cartesian Plant Boundary

Primary

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	643056.95	4179847.93	FENCEPRI	8.07	
2	643249.62	4179856.27	FENCEPRI	7.72	
3	643244.70	4179977.45	FENCEPRI	7.48	
4	643320.11	4179981.67	FENCEPRI	7.10	
5	643317.62	4180052.81	FENCEPRI	6.83	
6	643048.31	4180042.53	FENCEPRI	7.22	
7	642318.43	4180542.45	FENCEPRI	7.83	
8	642488.83	4180403.43	FENCEPRI	7.84	
9	642742.65	4180692.50	FENCEPRI	5.20	
10	642577.68	4180841.37	FENCEPRI	5.32	

Intermediate

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
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Receptor Pathway

AERMOD

1	643061.89	4179848.14	FENCEINT	7.88	
2	643066.83	4179848.36	FENCEINT	7.82	
3	643071.77	4179848.57	FENCEINT	7.83	
4	643076.71	4179848.79	FENCEINT	7.80	
5	643081.65	4179849.00	FENCEINT	7.76	
6	643086.59	4179849.21	FENCEINT	7.74	
7	643091.53	4179849.43	FENCEINT	7.72	
8	643096.47	4179849.64	FENCEINT	7.71	
9	643101.41	4179849.85	FENCEINT	7.70	
10	643106.35	4179850.07	FENCEINT	7.70	
11	643111.29	4179850.28	FENCEINT	7.73	
12	643116.23	4179850.50	FENCEINT	7.74	
13	643121.17	4179850.71	FENCEINT	7.75	
14	643126.11	4179850.92	FENCEINT	7.75	
15	643131.05	4179851.14	FENCEINT	7.75	
16	643135.99	4179851.35	FENCEINT	7.76	
17	643140.93	4179851.57	FENCEINT	7.75	
18	643145.87	4179851.78	FENCEINT	7.74	
19	643150.81	4179851.99	FENCEINT	7.77	
20	643155.76	4179852.21	FENCEINT	7.81	
21	643160.70	4179852.42	FENCEINT	7.85	
22	643165.64	4179852.63	FENCEINT	7.87	
23	643170.58	4179852.85	FENCEINT	7.88	
24	643175.52	4179853.06	FENCEINT	7.87	
25	643180.46	4179853.28	FENCEINT	7.87	
26	643185.40	4179853.49	FENCEINT	7.88	
27	643190.34	4179853.70	FENCEINT	7.87	
28	643195.28	4179853.92	FENCEINT	7.87	
29	643200.22	4179854.13	FENCEINT	7.86	
30	643205.16	4179854.35	FENCEINT	7.86	
31	643210.10	4179854.56	FENCEINT	7.86	
32	643215.04	4179854.77	FENCEINT	7.85	
33	643219.98	4179854.99	FENCEINT	7.83	
34	643224.92	4179855.20	FENCEINT	7.82	
35	643229.86	4179855.41	FENCEINT	7.80	
36	643234.80	4179855.63	FENCEINT	7.79	
37	643239.74	4179855.84	FENCEINT	7.77	
38	643244.68	4179856.06	FENCEINT	7.74	
39	643249.62	4179861.12	FENCEINT	7.68	
40	643249.23	4179865.96	FENCEINT	7.67	
41	643249.03	4179870.81	FENCEINT	7.66	

Receptor Pathway

AERMOD

42	643248.83	4179875.66	FENCEINT	7.65	
43	643248.64	4179880.51	FENCEINT	7.64	
44	643248.44	4179885.35	FENCEINT	7.63	
45	643248.24	4179890.20	FENCEINT	7.63	
46	643248.05	4179895.05	FENCEINT	7.63	
47	643247.85	4179899.89	FENCEINT	7.63	
48	643247.65	4179904.74	FENCEINT	7.64	
49	643247.46	4179909.59	FENCEINT	7.64	
50	643247.26	4179914.44	FENCEINT	7.66	
51	643247.06	4179919.28	FENCEINT	7.69	
52	643246.86	4179924.13	FENCEINT	7.71	
53	643246.67	4179928.98	FENCEINT	7.67	
54	643246.47	4179933.83	FENCEINT	7.64	
55	643246.27	4179938.67	FENCEINT	7.62	
56	643246.08	4179943.52	FENCEINT	7.59	
57	643245.88	4179948.37	FENCEINT	7.56	
58	643245.68	4179953.21	FENCEINT	7.53	
59	643245.49	4179958.06	FENCEINT	7.50	
60	643245.29	4179962.91	FENCEINT	7.48	
61	643245.09	4179967.76	FENCEINT	7.48	
62	643244.90	4179972.60	FENCEINT	7.48	
63	643249.41	4179977.71	FENCEINT	7.48	
64	643254.13	4179977.98	FENCEINT	7.45	
65	643258.84	4179978.24	FENCEINT	7.42	
66	643263.55	4179978.51	FENCEINT	7.37	
67	643268.27	4179978.77	FENCEINT	7.32	
68	643272.98	4179979.03	FENCEINT	7.28	
69	643277.69	4179979.30	FENCEINT	7.23	
70	643282.41	4179979.56	FENCEINT	7.19	
71	643287.12	4179979.82	FENCEINT	7.15	
72	643291.83	4179980.09	FENCEINT	7.11	
73	643296.54	4179980.35	FENCEINT	7.08	
74	643301.26	4179980.62	FENCEINT	7.07	
75	643305.97	4179980.88	FENCEINT	7.07	
76	643310.68	4179981.14	FENCEINT	7.07	
77	643315.40	4179981.41	FENCEINT	7.08	
78	643319.94	4179986.41	FENCEINT	7.15	
79	643319.78	4179991.16	FENCEINT	7.11	
80	643319.61	4179995.90	FENCEINT	7.07	
81	643319.45	4180000.64	FENCEINT	7.04	
82	643319.28	4180005.38	FENCEINT	7.01	

Receptor Pathway

AERMOD

83	643319.11	4180010.13	FENCEINT	6.98	
84	643318.95	4180014.87	FENCEINT	6.96	
85	643318.78	4180019.61	FENCEINT	6.94	
86	643318.62	4180024.35	FENCEINT	6.93	
87	643318.45	4180029.10	FENCEINT	6.92	
88	643318.28	4180033.84	FENCEINT	6.92	
89	643318.12	4180038.58	FENCEINT	6.91	
90	643317.95	4180043.32	FENCEINT	6.88	
91	643317.79	4180048.07	FENCEINT	6.84	
92	643312.63	4180052.62	FENCEINT	6.84	
93	643307.65	4180052.43	FENCEINT	6.88	
94	643302.66	4180052.24	FENCEINT	6.93	
95	643297.67	4180052.05	FENCEINT	6.97	
96	643292.68	4180051.86	FENCEINT	7.02	
97	643287.70	4180051.67	FENCEINT	7.07	
98	643282.71	4180051.48	FENCEINT	7.13	
99	643277.72	4180051.29	FENCEINT	7.17	
100	643272.74	4180051.10	FENCEINT	7.21	
101	643267.75	4180050.91	FENCEINT	7.19	
102	643262.76	4180050.72	FENCEINT	7.16	
103	643257.77	4180050.53	FENCEINT	7.07	
104	643252.79	4180050.34	FENCEINT	7.04	
105	643247.80	4180050.14	FENCEINT	7.02	
106	643242.81	4180049.95	FENCEINT	7.02	
107	643237.82	4180049.76	FENCEINT	7.04	
108	643232.84	4180049.57	FENCEINT	7.10	
109	643227.85	4180049.38	FENCEINT	7.16	
110	643222.86	4180049.19	FENCEINT	7.23	
111	643217.88	4180049.00	FENCEINT	7.25	
112	643212.89	4180048.81	FENCEINT	7.27	
113	643207.90	4180048.62	FENCEINT	7.28	
114	643202.91	4180048.43	FENCEINT	7.29	
115	643197.93	4180048.24	FENCEINT	7.30	
116	643192.94	4180048.05	FENCEINT	7.29	
117	643187.95	4180047.86	FENCEINT	7.29	
118	643182.97	4180047.67	FENCEINT	7.28	
119	643177.98	4180047.48	FENCEINT	7.28	
120	643172.99	4180047.29	FENCEINT	7.28	
121	643168.00	4180047.10	FENCEINT	7.27	
122	643163.02	4180046.91	FENCEINT	7.26	
123	643158.03	4180046.72	FENCEINT	7.24	

Receptor Pathway

AERMOD

124	643153.04	4180046.53	FENCEINT	7.22	
125	643148.05	4180046.34	FENCEINT	7.19	
126	643143.07	4180046.15	FENCEINT	7.17	
127	643138.08	4180045.96	FENCEINT	7.14	
128	643133.09	4180045.77	FENCEINT	7.11	
129	643128.11	4180045.58	FENCEINT	7.10	
130	643123.12	4180045.39	FENCEINT	7.09	
131	643118.13	4180045.20	FENCEINT	7.10	
132	643113.14	4180045.00	FENCEINT	7.11	
133	643108.16	4180044.81	FENCEINT	7.11	
134	643103.17	4180044.62	FENCEINT	7.13	
135	643098.18	4180044.43	FENCEINT	7.14	
136	643093.20	4180044.24	FENCEINT	7.15	
137	643088.21	4180044.05	FENCEINT	7.15	
138	643083.22	4180043.86	FENCEINT	7.15	
139	643078.23	4180043.67	FENCEINT	7.16	
140	643073.25	4180043.48	FENCEINT	7.16	
141	643068.26	4180043.29	FENCEINT	7.16	
142	643063.27	4180043.10	FENCEINT	7.16	
143	643058.28	4180042.91	FENCEINT	7.17	
144	643053.30	4180042.72	FENCEINT	7.19	
145	643048.53	4180037.54	FENCEINT	7.23	
146	643048.75	4180032.55	FENCEINT	7.23	
147	643048.97	4180027.56	FENCEINT	7.20	
148	643049.20	4180022.57	FENCEINT	7.17	
149	643049.42	4180017.58	FENCEINT	7.17	
150	643049.64	4180012.59	FENCEINT	7.16	
151	643049.86	4180007.60	FENCEINT	7.17	
152	643050.08	4180002.61	FENCEINT	7.17	
153	643050.30	4179997.62	FENCEINT	7.19	
154	643050.53	4179992.63	FENCEINT	7.21	
155	643050.75	4179987.64	FENCEINT	7.21	
156	643050.97	4179982.65	FENCEINT	7.21	
157	643051.19	4179977.66	FENCEINT	7.23	
158	643051.41	4179972.67	FENCEINT	7.26	
159	643051.63	4179967.68	FENCEINT	7.31	
160	643051.85	4179962.69	FENCEINT	7.37	
161	643052.08	4179957.70	FENCEINT	7.48	
162	643052.30	4179952.71	FENCEINT	7.61	
163	643052.52	4179947.72	FENCEINT	7.67	
164	643052.74	4179942.74	FENCEINT	7.70	

Receptor Pathway

AERMOD

165	643052.96	4179937.75	FENCEINT	7.73	
166	643053.18	4179932.76	FENCEINT	7.75	
167	643053.41	4179927.77	FENCEINT	7.77	
168	643053.63	4179922.78	FENCEINT	7.80	
169	643053.85	4179917.79	FENCEINT	7.83	
170	643054.07	4179912.80	FENCEINT	7.87	
171	643054.29	4179907.81	FENCEINT	7.90	
172	643054.51	4179902.82	FENCEINT	7.92	
173	643054.73	4179897.83	FENCEINT	7.94	
174	643054.96	4179892.84	FENCEINT	7.96	
175	643055.18	4179887.85	FENCEINT	7.97	
176	643055.40	4179882.86	FENCEINT	7.96	
177	643055.62	4179877.87	FENCEINT	7.95	
178	643055.84	4179872.88	FENCEINT	7.94	
179	643056.06	4179867.89	FENCEINT	7.95	
180	643056.29	4179862.90	FENCEINT	7.98	
181	643056.51	4179857.91	FENCEINT	8.01	
182	643056.73	4179852.92	FENCEINT	8.03	
183	642322.30	4180539.29	FENCEINT	7.82	
184	642326.18	4180536.13	FENCEINT	7.87	
185	642330.05	4180532.97	FENCEINT	7.86	
186	642333.92	4180529.81	FENCEINT	7.89	
187	642337.79	4180526.65	FENCEINT	7.92	
188	642341.67	4180523.49	FENCEINT	7.98	
189	642345.54	4180520.33	FENCEINT	7.89	
190	642349.41	4180517.17	FENCEINT	7.93	
191	642353.28	4180514.01	FENCEINT	7.95	
192	642357.16	4180510.85	FENCEINT	7.88	
193	642361.03	4180507.70	FENCEINT	7.89	
194	642364.90	4180504.54	FENCEINT	7.92	
195	642368.78	4180501.38	FENCEINT	7.88	
196	642372.65	4180498.22	FENCEINT	7.88	
197	642376.52	4180495.06	FENCEINT	7.93	
198	642380.39	4180491.90	FENCEINT	7.88	
199	642384.27	4180488.74	FENCEINT	7.90	
200	642388.14	4180485.58	FENCEINT	7.90	
201	642392.01	4180482.42	FENCEINT	7.89	
202	642395.88	4180479.26	FENCEINT	7.85	
203	642399.76	4180476.10	FENCEINT	7.89	
204	642403.63	4180472.94	FENCEINT	7.88	
205	642407.50	4180469.78	FENCEINT	7.89	

Receptor Pathway

AERMOD

206	642411.38	4180466.62	FENCEINT	7.90	
207	642415.25	4180463.46	FENCEINT	7.89	
208	642419.12	4180460.30	FENCEINT	7.87	
209	642422.99	4180457.14	FENCEINT	7.89	
210	642426.87	4180453.98	FENCEINT	7.91	
211	642430.74	4180450.82	FENCEINT	7.88	
212	642434.61	4180447.66	FENCEINT	7.91	
213	642438.48	4180444.50	FENCEINT	7.90	
214	642442.36	4180441.34	FENCEINT	7.88	
215	642446.23	4180438.19	FENCEINT	7.87	
216	642450.10	4180435.03	FENCEINT	7.89	
217	642453.98	4180431.87	FENCEINT	7.86	
218	642457.85	4180428.71	FENCEINT	7.88	
219	642461.72	4180425.55	FENCEINT	7.87	
220	642465.59	4180422.39	FENCEINT	7.85	
221	642469.47	4180419.23	FENCEINT	7.85	
222	642473.34	4180416.07	FENCEINT	7.86	
223	642477.21	4180412.91	FENCEINT	7.85	
224	642481.08	4180409.75	FENCEINT	7.86	
225	642484.96	4180406.59	FENCEINT	7.87	
226	642492.13	4180407.18	FENCEINT	7.68	
227	642495.42	4180410.94	FENCEINT	7.54	
228	642498.72	4180414.69	FENCEINT	7.43	
229	642502.02	4180418.45	FENCEINT	7.40	
230	642505.31	4180422.20	FENCEINT	7.38	
231	642508.61	4180425.95	FENCEINT	7.35	
232	642511.90	4180429.71	FENCEINT	7.32	
233	642515.20	4180433.46	FENCEINT	7.30	
234	642518.50	4180437.22	FENCEINT	7.27	
235	642521.79	4180440.97	FENCEINT	7.25	
236	642525.09	4180444.73	FENCEINT	7.23	
237	642528.39	4180448.48	FENCEINT	7.20	
238	642531.68	4180452.23	FENCEINT	7.18	
239	642534.98	4180455.99	FENCEINT	7.15	
240	642538.28	4180459.74	FENCEINT	7.13	
241	642541.57	4180463.50	FENCEINT	7.10	
242	642544.87	4180467.25	FENCEINT	7.08	
243	642548.16	4180471.00	FENCEINT	7.05	
244	642551.46	4180474.76	FENCEINT	7.02	
245	642554.76	4180478.51	FENCEINT	6.99	
246	642558.05	4180482.27	FENCEINT	6.97	

Receptor Pathway

AERMOD

247	642561.35	4180486.02	FENCEINT	6.95	
248	642564.65	4180489.78	FENCEINT	6.92	
249	642567.94	4180493.53	FENCEINT	6.89	
250	642571.24	4180497.28	FENCEINT	6.87	
251	642574.54	4180501.04	FENCEINT	6.84	
252	642577.83	4180504.79	FENCEINT	6.81	
253	642581.13	4180508.55	FENCEINT	6.78	
254	642584.42	4180512.30	FENCEINT	6.75	
255	642587.72	4180516.05	FENCEINT	6.73	
256	642591.02	4180519.81	FENCEINT	6.70	
257	642594.31	4180523.56	FENCEINT	6.68	
258	642597.61	4180527.32	FENCEINT	6.65	
259	642600.91	4180531.07	FENCEINT	6.63	
260	642604.20	4180534.83	FENCEINT	6.60	
261	642607.50	4180538.58	FENCEINT	6.57	
262	642610.80	4180542.33	FENCEINT	6.54	
263	642614.09	4180546.09	FENCEINT	6.51	
264	642617.39	4180549.84	FENCEINT	6.49	
265	642620.68	4180553.60	FENCEINT	6.46	
266	642623.98	4180557.35	FENCEINT	6.43	
267	642627.28	4180561.10	FENCEINT	6.41	
268	642630.57	4180564.86	FENCEINT	6.38	
269	642633.87	4180568.61	FENCEINT	6.36	
270	642637.17	4180572.37	FENCEINT	6.33	
271	642640.46	4180576.12	FENCEINT	6.30	
272	642643.76	4180579.88	FENCEINT	6.27	
273	642647.06	4180583.63	FENCEINT	6.24	
274	642650.35	4180587.38	FENCEINT	6.22	
275	642653.65	4180591.14	FENCEINT	6.20	
276	642656.94	4180594.89	FENCEINT	6.17	
277	642660.24	4180598.65	FENCEINT	6.14	
278	642663.54	4180602.40	FENCEINT	6.11	
279	642666.83	4180606.15	FENCEINT	6.09	
280	642670.13	4180609.91	FENCEINT	6.06	
281	642673.43	4180613.66	FENCEINT	6.03	
282	642676.72	4180617.42	FENCEINT	6.00	
283	642680.02	4180621.17	FENCEINT	5.98	
284	642683.32	4180624.93	FENCEINT	5.95	
285	642686.61	4180628.68	FENCEINT	5.93	
286	642689.91	4180632.43	FENCEINT	5.91	
287	642693.20	4180636.19	FENCEINT	5.89	

Receptor Pathway

AERMOD

288	642696.50	4180639.94	FENCEINT	5.86	
289	642699.80	4180643.70	FENCEINT	5.84	
290	642703.09	4180647.45	FENCEINT	5.82	
291	642706.39	4180651.20	FENCEINT	5.80	
292	642709.69	4180654.96	FENCEINT	5.78	
293	642712.98	4180658.71	FENCEINT	5.75	
294	642716.28	4180662.47	FENCEINT	5.73	
295	642719.58	4180666.22	FENCEINT	5.71	
296	642722.87	4180669.98	FENCEINT	5.69	
297	642726.17	4180673.73	FENCEINT	5.67	
298	642729.46	4180677.48	FENCEINT	5.63	
299	642732.76	4180681.24	FENCEINT	5.58	
300	642736.06	4180684.99	FENCEINT	5.55	
301	642739.35	4180688.75	FENCEINT	5.40	
302	642738.98	4180695.81	FENCEINT	5.11	
303	642735.32	4180699.12	FENCEINT	5.23	
304	642731.65	4180702.42	FENCEINT	5.13	
305	642727.99	4180705.73	FENCEINT	5.07	
306	642724.32	4180709.04	FENCEINT	5.17	
307	642720.65	4180712.35	FENCEINT	5.07	
308	642716.99	4180715.66	FENCEINT	5.04	
309	642713.32	4180718.97	FENCEINT	5.12	
310	642709.66	4180722.27	FENCEINT	5.09	
311	642705.99	4180725.58	FENCEINT	4.95	
312	642702.32	4180728.89	FENCEINT	5.11	
313	642698.66	4180732.20	FENCEINT	5.05	
314	642694.99	4180735.51	FENCEINT	4.96	
315	642691.33	4180738.82	FENCEINT	5.09	
316	642687.66	4180742.12	FENCEINT	5.04	
317	642683.99	4180745.43	FENCEINT	4.95	
318	642680.33	4180748.74	FENCEINT	4.99	
319	642676.66	4180752.05	FENCEINT	5.01	
320	642673.00	4180755.36	FENCEINT	4.80	
321	642669.33	4180758.66	FENCEINT	4.98	
322	642665.66	4180761.97	FENCEINT	4.96	
323	642662.00	4180765.28	FENCEINT	4.85	
324	642658.33	4180768.59	FENCEINT	5.09	
325	642654.67	4180771.90	FENCEINT	5.23	
326	642651.00	4180775.21	FENCEINT	5.14	
327	642647.33	4180778.51	FENCEINT	5.07	
328	642643.67	4180781.82	FENCEINT	5.13	

Receptor Pathway

AERMOD

329	642640.00	4180785.13	FENCEINT	4.96	
330	642636.34	4180788.44	FENCEINT	5.06	
331	642632.67	4180791.75	FENCEINT	5.12	
332	642629.00	4180795.05	FENCEINT	5.05	
333	642625.34	4180798.36	FENCEINT	5.06	
334	642621.67	4180801.67	FENCEINT	5.13	
335	642618.01	4180804.98	FENCEINT	5.09	
336	642614.34	4180808.29	FENCEINT	5.03	
337	642610.67	4180811.60	FENCEINT	5.17	
338	642607.01	4180814.90	FENCEINT	5.09	
339	642603.34	4180818.21	FENCEINT	5.09	
340	642599.68	4180821.52	FENCEINT	5.15	
341	642596.01	4180824.83	FENCEINT	5.14	
342	642592.34	4180828.14	FENCEINT	5.10	
343	642588.68	4180831.45	FENCEINT	5.18	
344	642585.01	4180834.75	FENCEINT	5.22	
345	642581.35	4180838.06	FENCEINT	5.13	
346	642574.44	4180837.63	FENCEINT	5.27	
347	642571.20	4180833.90	FENCEINT	5.31	
348	642567.96	4180830.16	FENCEINT	5.36	
349	642564.72	4180826.42	FENCEINT	5.40	
350	642561.48	4180822.69	FENCEINT	5.36	
351	642558.24	4180818.95	FENCEINT	5.38	
352	642555.00	4180815.21	FENCEINT	5.42	
353	642551.76	4180811.48	FENCEINT	5.45	
354	642548.51	4180807.74	FENCEINT	5.50	
355	642545.27	4180804.01	FENCEINT	5.53	
356	642542.03	4180800.27	FENCEINT	5.55	
357	642538.79	4180796.53	FENCEINT	5.57	
358	642535.55	4180792.80	FENCEINT	5.59	
359	642532.31	4180789.06	FENCEINT	5.62	
360	642529.07	4180785.32	FENCEINT	5.66	
361	642525.83	4180781.59	FENCEINT	5.68	
362	642522.59	4180777.85	FENCEINT	5.70	
363	642519.35	4180774.11	FENCEINT	5.72	
364	642516.11	4180770.38	FENCEINT	5.75	
365	642512.87	4180766.64	FENCEINT	5.78	
366	642509.63	4180762.90	FENCEINT	5.81	
367	642506.39	4180759.17	FENCEINT	5.82	
368	642503.15	4180755.43	FENCEINT	5.84	
369	642499.91	4180751.69	FENCEINT	5.87	

Receptor Pathway

AERMOD

370	642496.66	4180747.96	FENCEINT	5.90	
371	642493.42	4180744.22	FENCEINT	5.93	
372	642490.18	4180740.48	FENCEINT	5.96	
373	642486.94	4180736.75	FENCEINT	5.99	
374	642483.70	4180733.01	FENCEINT	6.03	
375	642480.46	4180729.28	FENCEINT	6.05	
376	642477.22	4180725.54	FENCEINT	6.07	
377	642473.98	4180721.80	FENCEINT	6.11	
378	642470.74	4180718.07	FENCEINT	6.16	
379	642467.50	4180714.33	FENCEINT	6.19	
380	642464.26	4180710.59	FENCEINT	6.20	
381	642461.02	4180706.86	FENCEINT	6.21	
382	642457.78	4180703.12	FENCEINT	6.23	
383	642454.54	4180699.38	FENCEINT	6.24	
384	642451.30	4180695.65	FENCEINT	6.26	
385	642448.06	4180691.91	FENCEINT	6.29	
386	642444.81	4180688.17	FENCEINT	6.34	
387	642441.57	4180684.44	FENCEINT	6.36	
388	642438.33	4180680.70	FENCEINT	6.39	
389	642435.09	4180676.96	FENCEINT	6.42	
390	642431.85	4180673.23	FENCEINT	6.44	
391	642428.61	4180669.49	FENCEINT	6.47	
392	642425.37	4180665.75	FENCEINT	6.51	
393	642422.13	4180662.02	FENCEINT	6.55	
394	642418.89	4180658.28	FENCEINT	6.59	
395	642415.65	4180654.55	FENCEINT	6.61	
396	642412.41	4180650.81	FENCEINT	6.63	
397	642409.17	4180647.07	FENCEINT	6.66	
398	642405.93	4180643.34	FENCEINT	6.70	
399	642402.69	4180639.60	FENCEINT	6.73	
400	642399.45	4180635.86	FENCEINT	6.75	
401	642396.21	4180632.13	FENCEINT	6.78	
402	642392.96	4180628.39	FENCEINT	6.82	
403	642389.72	4180624.65	FENCEINT	6.84	
404	642386.48	4180620.92	FENCEINT	6.85	
405	642383.24	4180617.18	FENCEINT	6.87	
406	642380.00	4180613.44	FENCEINT	6.90	
407	642376.76	4180609.71	FENCEINT	6.93	
408	642373.52	4180605.97	FENCEINT	6.97	
409	642370.28	4180602.23	FENCEINT	7.00	
410	642367.04	4180598.50	FENCEINT	7.04	

Receptor Pathway

AERMOD

411	642363.80	4180594.76	FENCEINT	7.07	
412	642360.56	4180591.02	FENCEINT	7.09	
413	642357.32	4180587.29	FENCEINT	7.11	
414	642354.08	4180583.55	FENCEINT	7.13	
415	642350.84	4180579.82	FENCEINT	7.16	
416	642347.60	4180576.08	FENCEINT	7.19	
417	642344.36	4180572.34	FENCEINT	7.23	
418	642341.11	4180568.61	FENCEINT	7.27	
419	642337.87	4180564.87	FENCEINT	7.32	
420	642334.63	4180561.13	FENCEINT	7.37	
421	642331.39	4180557.40	FENCEINT	7.42	
422	642328.15	4180553.66	FENCEINT	7.49	
423	642324.91	4180549.92	FENCEINT	7.61	
424	642321.67	4180546.19	FENCEINT	7.74	

Receptor Groups

Record Number	Group ID	Group Description
1	FENCEPRI	Cartesian plant boundary Primary Receptors
2	FENCEINT	Cartesian plant boundary Intermediate Receptors

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.SFC
 Format Type: Default AERMET format

Profile Met Data

Filename: C:\Users\lpark\Downloads\Tracy_04-08.PFL
 Format Type: Default AERMET format

Wind Speed



Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 14.00 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2004			Station ID 66666
Upper Air		2004			

Data Period

Data Period to Process

Start Date: 1/1/2004 Start Hour: 1 End Date: 12/31/2008 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00013	ug/m^3	r	642423.59	4180906.20	5.74	0.00	5.74	
PERIOD		0.00012	ug/m^3	r	642441.65	4180909.13	5.71	0.00	5.71	
PERIOD		0.00014	ug/m^3	r	642480.08	4180894.46	6.83	0.00	6.83	
PERIOD		0.00014	ug/m^3	r	642519.76	4180888.29	5.42	0.00	5.42	
PERIOD		0.00012	ug/m^3	r	642566.51	4180882.54	5.07	0.00	5.07	
PERIOD		0.00009	ug/m^3	r	642626.31	4180850.18	5.27	0.00	5.27	
PERIOD		0.00013	ug/m^3	r	642669.21	4180807.50	4.70	0.00	4.70	
PERIOD		0.00021	ug/m^3	r	642766.30	4180717.00	5.31	0.00	5.31	
PERIOD		0.00024	ug/m^3	r	642864.59	4180554.77	5.81	0.00	5.81	
PERIOD		0.00029	ug/m^3	r	642843.70	4180532.79	5.99	0.00	5.99	
PERIOD		0.00005	ug/m^3	r	642612.01	4179848.87	9.81	0.00	9.81	
PERIOD		0.00005	ug/m^3	r	642624.90	4179791.78	10.39	0.00	10.39	
PERIOD		0.00005	ug/m^3	r	642639.86	4179791.65	10.35	0.00	10.35	
PERIOD		0.00005	ug/m^3	r	642667.43	4179795.46	9.94	0.00	9.94	
PERIOD		0.00006	ug/m^3	r	642693.29	4179797.16	9.84	0.00	9.84	
PERIOD		0.00006	ug/m^3	r	642728.95	4179797.77	9.79	0.00	9.79	
PERIOD		0.00006	ug/m^3	r	642798.23	4179801.48	9.03	0.00	9.03	
PERIOD		0.00006	ug/m^3	r	642838.25	4179796.55	8.93	0.00	8.93	
PERIOD		0.00006	ug/m^3	r	642873.35	4179801.20	8.83	0.00	8.83	
PERIOD		0.00006	ug/m^3	r	642903.14	4179804.04	8.64	0.00	8.64	

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00006	ug/m^3	r	642861.85	4179877.44	8.79	0.00	8.79	
PERIOD		0.00007	ug/m^3	r	642915.46	4179883.14	9.24	0.00	9.24	
PERIOD		0.00007	ug/m^3	r	642889.34	4179922.70	8.80	0.00	8.80	
PERIOD		0.00008	ug/m^3	r	642916.53	4179957.30	8.35	0.00	8.35	
PERIOD		0.00010	ug/m^3	r	642846.92	4180017.86	8.29	0.00	8.29	
PERIOD		0.00008	ug/m^3	r	642969.73	4179932.63	8.53	0.00	8.53	
PERIOD		0.00008	ug/m^3	r	642984.82	4179936.19	8.37	0.00	8.37	
PERIOD		0.00007	ug/m^3	r	643006.43	4179931.45	8.58	0.00	8.58	
PERIOD		0.00007	ug/m^3	r	643027.44	4179882.32	8.62	0.00	8.62	
PERIOD		0.00007	ug/m^3	r	642942.74	4179809.51	8.49	0.00	8.49	
PERIOD		0.00006	ug/m^3	r	642986.00	4179809.05	8.33	0.00	8.33	
PERIOD		0.00006	ug/m^3	r	643009.48	4179802.10	8.33	0.00	8.33	
PERIOD		0.00006	ug/m^3	r	643092.88	4179800.30	7.67	0.00	7.67	
PERIOD		0.00006	ug/m^3	r	643107.73	4179811.01	7.72	0.00	7.72	
PERIOD		0.00006	ug/m^3	r	643138.65	4179813.25	8.23	0.00	8.23	
PERIOD		0.00006	ug/m^3	r	643123.91	4179779.64	8.25	0.00	8.25	
PERIOD		0.00005	ug/m^3	r	643160.42	4179780.20	8.27	0.00	8.27	
PERIOD		0.00005	ug/m^3	r	643175.36	4179761.55	8.29	0.00	8.29	
PERIOD		0.00005	ug/m^3	r	643163.42	4179763.67	8.32	0.00	8.32	
PERIOD		0.00005	ug/m^3	r	643139.64	4179753.74	8.35	0.00	8.35	
PERIOD		0.00005	ug/m^3	r	643144.44	4179746.59	8.39	0.00	8.39	

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00005	ug/m^3	r	643213.32	4179778.97	8.13	0.00	8.13	
PERIOD		0.00006	ug/m^3	r	643220.99	4179818.86	7.81	0.00	7.81	
PERIOD		0.00006	ug/m^3	r	643231.24	4179817.25	7.83	0.00	7.83	
PERIOD		0.00006	ug/m^3	r	643195.08	4179812.50	7.85	0.00	7.85	
PERIOD		0.00006	ug/m^3	r	643266.55	4179806.39	7.79	0.00	7.79	
PERIOD		0.00005	ug/m^3	r	643225.65	4179758.26	8.28	0.00	8.28	
PERIOD		0.00005	ug/m^3	r	643235.56	4179763.82	8.27	0.00	8.27	
PERIOD		0.00005	ug/m^3	r	643180.87	4179738.16	8.54	0.00	8.54	
PERIOD		0.00004	ug/m^3	r	643132.53	4179699.67	8.87	0.00	8.87	
PERIOD		0.00004	ug/m^3	r	643117.14	4179693.48	8.81	0.00	8.81	
PERIOD		0.00004	ug/m^3	r	643101.08	4179686.86	8.98	0.00	8.98	
PERIOD		0.00004	ug/m^3	r	643069.34	4179691.13	9.02	0.00	9.02	
PERIOD		0.00005	ug/m^3	r	643077.53	4179710.91	8.88	0.00	8.88	
PERIOD		0.00002	ug/m^3	r	643018.96	4179438.01	10.05	0.00	10.05	
PERIOD		0.00003	ug/m^3	r	643084.59	4179523.29	9.74	0.00	9.74	
PERIOD		0.00003	ug/m^3	r	643123.69	4179508.56	9.65	0.00	9.65	
PERIOD		0.00003	ug/m^3	r	643205.32	4179504.68	9.73	0.00	9.73	
PERIOD		0.00003	ug/m^3	r	643205.63	4179524.47	9.49	0.00	9.49	
PERIOD		0.00003	ug/m^3	r	643228.04	4179453.82	9.60	0.00	9.60	
PERIOD		0.00002	ug/m^3	r	643191.32	4179422.31	9.37	0.00	9.37	
PERIOD		0.00003	ug/m^3	r	643156.40	4179471.78	9.88	0.00	9.88	

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00003	ug/m^3	r	643267.56	4179525.34	9.42	0.00	9.42	
PERIOD		0.00003	ug/m^3	r	643239.54	4179565.68	9.28	0.00	9.28	
PERIOD		0.00003	ug/m^3	r	643269.96	4179568.47	9.13	0.00	9.13	
PERIOD		0.00003	ug/m^3	r	643276.56	4179548.69	9.25	0.00	9.25	
PERIOD		0.00004	ug/m^3	r	643304.54	4179598.63	8.34	0.00	8.34	
PERIOD		0.00004	ug/m^3	r	643198.44	4179596.54	9.10	0.00	9.10	
PERIOD		0.00003	ug/m^3	r	643165.27	4179587.66	9.05	0.00	9.05	
PERIOD		0.00004	ug/m^3	r	643279.62	4179642.39	8.41	0.00	8.41	
PERIOD		0.00004	ug/m^3	r	643342.12	4179677.63	8.40	0.00	8.40	
PERIOD		0.00004	ug/m^3	r	643365.52	4179686.82	8.14	0.00	8.14	
PERIOD		0.00004	ug/m^3	r	643412.02	4179712.59	8.03	0.00	8.03	
PERIOD		0.00004	ug/m^3	r	643426.83	4179720.88	8.06	0.00	8.06	
PERIOD		0.00004	ug/m^3	r	643443.06	4179763.53	7.71	0.00	7.71	
PERIOD		0.00004	ug/m^3	r	643462.19	4179738.10	7.72	0.00	7.72	
PERIOD		0.00004	ug/m^3	r	643477.05	4179744.65	7.75	0.00	7.75	
PERIOD		0.00004	ug/m^3	r	643609.19	4179779.40	6.99	0.00	6.99	
PERIOD		0.00004	ug/m^3	r	643581.34	4179779.40	7.10	0.00	7.10	
PERIOD		0.00004	ug/m^3	r	643486.28	4179690.48	7.69	0.00	7.69	
PERIOD		0.00004	ug/m^3	r	643461.70	4179683.07	7.85	0.00	7.85	
PERIOD		0.00004	ug/m^3	r	643435.58	4179649.08	7.89	0.00	7.89	
PERIOD		0.00004	ug/m^3	r	643445.96	4179656.83	7.86	0.00	7.86	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00004	ug/m^3	r	643433.08	4179668.66	7.88	0.00	7.88	
PERIOD		0.00004	ug/m^3	r	643472.43	4179636.73	7.74	0.00	7.74	
PERIOD		0.00003	ug/m^3	r	643467.63	4179586.55	7.66	0.00	7.66	
PERIOD		0.00003	ug/m^3	r	643474.60	4179575.24	7.82	0.00	7.82	
PERIOD		0.00003	ug/m^3	r	643488.40	4179549.74	7.60	0.00	7.60	
PERIOD		0.00001	ug/m^3	r	644226.05	4179433.08	7.30	0.00	7.30	
PERIOD		0.00003	ug/m^3	r	643856.00	4179782.95	6.39	0.00	6.39	
PERIOD		0.00003	ug/m^3	r	643894.54	4179783.96	6.19	0.00	6.19	
PERIOD		0.00003	ug/m^3	r	643904.86	4179771.37	6.11	0.00	6.11	
PERIOD		0.00002	ug/m^3	r	643902.09	4179750.97	6.08	0.00	6.08	
PERIOD		0.00002	ug/m^3	r	643884.46	4179690.78	6.26	0.00	6.26	
PERIOD		0.00001	ug/m^3	r	643988.56	4178601.40	11.42	0.00	11.42	
PERIOD		0.00001	ug/m^3	r	643970.67	4178600.51	11.44	0.00	11.44	
PERIOD		0.00001	ug/m^3	r	643953.35	4178599.84	11.46	0.00	11.46	
PERIOD		0.00001	ug/m^3	r	643940.61	4178583.63	11.57	0.00	11.57	
PERIOD		0.00001	ug/m^3	r	643898.25	4178561.06	11.56	0.00	11.56	
PERIOD		0.00001	ug/m^3	r	643882.49	4178560.50	11.54	0.00	11.54	
PERIOD		0.00001	ug/m^3	r	643868.08	4178560.61	11.50	0.00	11.50	
PERIOD		0.00001	ug/m^3	r	643850.61	4178477.15	12.36	0.00	12.36	
PERIOD		0.00001	ug/m^3	r	643802.93	4178519.25	11.99	0.00	11.99	
PERIOD		0.00001	ug/m^3	r	643566.21	4178374.81	12.85	0.00	12.85	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00001	ug/m^3	r	642899.11	4178625.63	13.25	0.00	13.25	
PERIOD		0.00001	ug/m^3	r	642861.77	4178630.37	13.35	0.00	13.35	
PERIOD		0.00000	ug/m^3	r	642634.32	4178208.71	14.34	0.00	14.34	
PERIOD		0.00001	ug/m^3	r	642761.13	4178115.10	14.42	0.00	14.42	
PERIOD		0.00000	ug/m^3	r	642021.23	4178205.01	14.76	0.00	14.76	
PERIOD		0.00000	ug/m^3	r	641455.17	4178051.75	15.53	0.00	15.53	
PERIOD		0.00000	ug/m^3	r	640663.35	4177956.52	16.03	0.00	16.03	
PERIOD		0.00000	ug/m^3	r	640591.80	4177954.95	16.27	0.00	16.27	
PERIOD		0.00000	ug/m^3	r	640596.52	4177721.41	16.97	0.00	16.97	
PERIOD		0.00000	ug/m^3	r	640657.83	4177883.48	16.30	0.00	16.30	
PERIOD		0.00000	ug/m^3	r	640682.46	4177911.49	16.15	0.00	16.15	
PERIOD		0.00000	ug/m^3	r	640695.49	4177909.55	16.19	0.00	16.19	
PERIOD		0.00000	ug/m^3	r	640717.22	4177907.62	16.19	0.00	16.19	
PERIOD		0.00000	ug/m^3	r	640718.67	4177867.06	16.41	0.00	16.41	
PERIOD		0.00000	ug/m^3	r	640699.36	4177856.92	16.47	0.00	16.47	
PERIOD		0.00000	ug/m^3	r	640661.69	4177868.02	16.36	0.00	16.36	
PERIOD		0.00000	ug/m^3	r	640679.07	4177800.90	16.71	0.00	16.71	
PERIOD		0.00000	ug/m^3	r	640699.84	4177807.66	16.56	0.00	16.56	
PERIOD		0.00000	ug/m^3	r	640721.09	4177809.59	16.64	0.00	16.64	
PERIOD		0.00000	ug/m^3	r	640660.72	4177772.41	16.71	0.00	16.71	
PERIOD		0.00000	ug/m^3	r	640702.74	4177753.09	16.93	0.00	16.93	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00000	ug/m^3	r	640669.42	4177758.89	16.73	0.00	16.73	
PERIOD		0.00000	ug/m^3	r	640743.35	4177756.71	16.91	0.00	16.91	
PERIOD		0.00000	ug/m^3	r	640801.27	4177764.04	16.95	0.00	16.95	
PERIOD		0.00000	ug/m^3	r	640850.11	4177764.04	16.95	0.00	16.95	
PERIOD		0.00000	ug/m^3	r	640883.26	4177755.67	16.90	0.00	16.90	
PERIOD		0.00000	ug/m^3	r	640884.30	4177764.39	16.93	0.00	16.93	
PERIOD		0.00000	ug/m^3	r	640885.00	4177773.81	16.93	0.00	16.93	
PERIOD		0.00000	ug/m^3	r	640885.00	4177782.53	16.93	0.00	16.93	
PERIOD		0.00000	ug/m^3	r	640883.26	4177791.95	16.90	0.00	16.90	
PERIOD		0.00000	ug/m^3	r	640916.40	4177756.36	16.97	0.00	16.97	
PERIOD		0.00000	ug/m^3	r	640946.76	4177754.97	16.87	0.00	16.87	
PERIOD		0.00000	ug/m^3	r	640947.11	4177767.88	16.73	0.00	16.73	
PERIOD		0.00000	ug/m^3	r	640916.75	4177765.78	16.94	0.00	16.94	
PERIOD		0.00000	ug/m^3	r	640946.06	4177777.65	16.71	0.00	16.71	
PERIOD		0.00000	ug/m^3	r	640917.80	4177775.20	16.88	0.00	16.88	
PERIOD		0.00000	ug/m^3	r	640945.36	4177787.42	16.70	0.00	16.70	
PERIOD		0.00000	ug/m^3	r	640917.80	4177784.97	16.88	0.00	16.88	
PERIOD		0.00000	ug/m^3	r	640914.31	4177804.16	16.85	0.00	16.85	
PERIOD		0.00000	ug/m^3	r	640916.40	4177794.39	16.87	0.00	16.87	
PERIOD		0.00000	ug/m^3	r	640943.62	4177804.86	16.66	0.00	16.66	
PERIOD		0.00000	ug/m^3	r	640945.71	4177795.79	16.69	0.00	16.69	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00000	ug/m^3	r	640979.90	4177758.81	16.68	0.00	16.68	
PERIOD		0.00000	ug/m^3	r	640978.16	4177769.27	16.64	0.00	16.64	
PERIOD		0.00000	ug/m^3	r	640976.41	4177776.95	16.63	0.00	16.63	
PERIOD		0.00000	ug/m^3	r	640978.16	4177792.30	16.53	0.00	16.53	
PERIOD		0.00000	ug/m^3	r	640978.85	4177801.02	16.50	0.00	16.50	
PERIOD		0.00000	ug/m^3	r	640977.81	4177809.40	16.48	0.00	16.48	
PERIOD		0.00000	ug/m^3	r	640978.51	4177820.56	16.46	0.00	16.46	
PERIOD		0.00000	ug/m^3	r	640977.81	4177828.59	16.44	0.00	16.44	
PERIOD		0.00000	ug/m^3	r	640879.77	4177800.67	16.84	0.00	16.84	
PERIOD		0.00000	ug/m^3	r	640883.61	4177813.23	16.81	0.00	16.81	
PERIOD		0.00000	ug/m^3	r	640885.35	4177824.75	16.84	0.00	16.84	
PERIOD		0.00000	ug/m^3	r	640915.24	4177814.31	16.81	0.00	16.81	
PERIOD		0.00000	ug/m^3	r	640945.30	4177816.13	16.60	0.00	16.60	
PERIOD		0.00000	ug/m^3	r	640947.12	4177825.60	16.60	0.00	16.60	
PERIOD		0.00000	ug/m^3	r	640915.97	4177824.87	16.78	0.00	16.78	
PERIOD		0.00000	ug/m^3	r	640916.34	4177835.07	16.75	0.00	16.75	
PERIOD		0.00000	ug/m^3	r	640946.57	4177835.98	16.57	0.00	16.57	
PERIOD		0.00000	ug/m^3	r	640946.75	4177845.63	16.52	0.00	16.52	
PERIOD		0.00000	ug/m^3	r	640915.61	4177844.18	16.73	0.00	16.73	
PERIOD		0.00000	ug/m^3	r	640879.91	4177832.52	16.80	0.00	16.80	
PERIOD		0.00000	ug/m^3	r	640885.19	4177842.36	16.74	0.00	16.74	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00000	ug/m^3	r	640884.46	4177851.64	16.68	0.00	16.68	
PERIOD		0.00000	ug/m^3	r	640916.34	4177852.74	16.71	0.00	16.71	
PERIOD		0.00000	ug/m^3	r	640945.30	4177854.74	16.47	0.00	16.47	
PERIOD		0.00000	ug/m^3	r	640945.48	4177863.12	16.45	0.00	16.45	
PERIOD		0.00000	ug/m^3	r	640915.06	4177861.30	16.67	0.00	16.67	
PERIOD		0.00000	ug/m^3	r	640883.19	4177861.12	16.61	0.00	16.61	
PERIOD		0.00000	ug/m^3	r	640883.92	4177871.31	16.54	0.00	16.54	
PERIOD		0.00000	ug/m^3	r	640885.38	4177879.87	16.49	0.00	16.49	
PERIOD		0.00001	ug/m^3	r	640883.19	4177890.80	16.49	0.00	16.49	
PERIOD		0.00000	ug/m^3	r	640915.97	4177871.68	16.61	0.00	16.61	
PERIOD		0.00000	ug/m^3	r	640914.88	4177881.70	16.58	0.00	16.58	
PERIOD		0.00000	ug/m^3	r	640944.20	4177871.86	16.44	0.00	16.44	
PERIOD		0.00000	ug/m^3	r	640945.30	4177883.15	16.39	0.00	16.39	
PERIOD		0.00000	ug/m^3	r	640944.57	4177893.17	16.37	0.00	16.37	
PERIOD		0.00000	ug/m^3	r	640913.61	4177888.98	16.55	0.00	16.55	
PERIOD		0.00000	ug/m^3	r	640913.61	4177898.82	16.54	0.00	16.54	
PERIOD		0.00000	ug/m^3	r	640944.20	4177902.46	16.38	0.00	16.38	
PERIOD		0.00001	ug/m^3	r	640911.97	4177907.92	16.48	0.00	16.48	
PERIOD		0.00000	ug/m^3	r	640944.75	4177911.02	16.35	0.00	16.35	
PERIOD		0.00000	ug/m^3	r	640975.17	4177909.38	16.22	0.00	16.22	
PERIOD		0.00000	ug/m^3	r	640976.99	4177900.64	16.25	0.00	16.25	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00000	ug/m^3	r	640976.62	4177891.35	16.28	0.00	16.28	
PERIOD		0.00000	ug/m^3	r	640978.44	4177881.51	16.26	0.00	16.26	
PERIOD		0.00000	ug/m^3	r	640978.26	4177870.77	16.30	0.00	16.30	
PERIOD		0.00000	ug/m^3	r	640980.08	4177860.39	16.31	0.00	16.31	
PERIOD		0.00000	ug/m^3	r	640979.17	4177841.08	16.36	0.00	16.36	
PERIOD		0.00000	ug/m^3	r	641027.15	4177771.72	16.80	0.00	16.80	
PERIOD		0.00000	ug/m^3	r	641097.01	4177769.15	16.46	0.00	16.46	
PERIOD		0.00000	ug/m^3	r	641050.94	4177776.86	16.58	0.00	16.58	
PERIOD		0.00000	ug/m^3	r	641106.22	4177834.93	16.34	0.00	16.34	
PERIOD		0.00000	ug/m^3	r	641112.42	4177909.52	15.89	0.00	15.89	
PERIOD		0.00000	ug/m^3	r	641020.43	4177904.78	16.35	0.00	16.35	
PERIOD		0.00000	ug/m^3	r	641092.38	4177966.96	15.79	0.00	15.79	
PERIOD		0.00000	ug/m^3	r	640555.64	4178224.82	14.68	0.00	14.68	
PERIOD		0.00000	ug/m^3	r	640382.10	4178168.75	15.06	0.00	15.06	
PERIOD		0.00000	ug/m^3	r	640295.47	4178186.85	14.80	0.00	14.80	
PERIOD		0.00000	ug/m^3	r	640289.24	4178169.94	14.93	0.00	24.59	
PERIOD		0.00000	ug/m^3	r	640520.34	4178237.28	14.56	0.00	14.56	
PERIOD		0.00000	ug/m^3	r	640568.99	4178242.62	14.68	0.00	14.68	
PERIOD		0.00002	ug/m^3	r	642421.71	4179614.03	11.33	0.00	11.33	
PERIOD		0.00002	ug/m^3	r	642419.19	4179586.04	11.55	0.00	11.55	
PERIOD		0.00001	ug/m^3	r	641230.76	4179694.87	11.83	0.00	11.83	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00002	ug/m^3	r	641806.79	4179870.63	10.26	0.00	10.26	
PERIOD		0.00002	ug/m^3	r	641825.54	4179856.53	10.36	0.00	10.36	
PERIOD		0.00001	ug/m^3	r	641492.88	4179824.18	10.67	0.00	10.67	
PERIOD		0.00001	ug/m^3	r	641482.98	4179806.49	10.62	0.00	10.62	
PERIOD		0.00001	ug/m^3	r	641401.40	4179805.19	10.73	0.00	10.73	
PERIOD		0.00001	ug/m^3	r	641322.12	4179800.31	10.62	0.00	10.62	
PERIOD		0.00001	ug/m^3	r	641199.49	4179789.22	10.67	0.00	10.67	
PERIOD		0.00001	ug/m^3	r	641226.51	4179799.31	10.67	0.00	10.67	
PERIOD		0.00001	ug/m^3	r	641254.87	4179804.73	10.50	0.00	10.50	
PERIOD		0.00001	ug/m^3	r	641284.46	4179798.64	10.58	0.00	10.58	
PERIOD		0.00001	ug/m^3	r	640672.91	4179804.60	10.57	0.00	10.57	
PERIOD		0.00001	ug/m^3	r	640909.50	4179873.06	10.45	0.00	10.45	
PERIOD		0.00001	ug/m^3	r	640576.50	4179834.99	10.64	0.00	10.64	
PERIOD		0.00001	ug/m^3	r	640471.40	4179791.88	10.57	0.00	10.57	
PERIOD		0.00001	ug/m^3	r	640443.73	4179783.09	10.83	0.00	10.83	
PERIOD		0.00001	ug/m^3	r	640490.06	4179808.83	10.59	0.00	10.59	
PERIOD		0.00001	ug/m^3	r	640298.17	4179708.55	10.87	0.00	10.87	
PERIOD		0.00002	ug/m^3	r	642150.64	4181339.61	4.85	0.00	4.85	
PERIOD		0.00002	ug/m^3	r	642186.00	4181418.01	7.29	0.00	7.29	
PERIOD		0.00002	ug/m^3	r	642076.74	4181423.01	4.93	0.00	4.93	
PERIOD		0.00002	ug/m^3	r	642050.52	4181423.14	4.58	0.00	4.58	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00002	ug/m^3	r	642015.47	4181420.37	4.60	0.00	4.60	
PERIOD		0.00002	ug/m^3	r	642015.07	4181445.02	4.71	0.00	4.71	
PERIOD		0.00001	ug/m^3	r	642806.07	4181128.16	4.97	0.00	4.97	
PERIOD		0.00000	ug/m^3	r	643211.49	4181300.90	4.80	0.00	4.80	
PERIOD		0.00000	ug/m^3	r	643199.12	4181323.37	4.79	0.00	4.79	
PERIOD		0.00000	ug/m^3	r	643298.61	4181300.90	4.44	0.00	4.44	
PERIOD		0.00000	ug/m^3	r	643326.13	4181311.50	4.53	0.00	4.53	
PERIOD		0.00000	ug/m^3	r	643346.84	4181318.07	4.50	0.00	4.50	
PERIOD		0.00000	ug/m^3	r	643321.08	4181355.19	5.00	0.00	5.00	
PERIOD		0.00000	ug/m^3	r	643007.36	4181415.17	5.45	0.00	5.45	
PERIOD		0.00000	ug/m^3	r	643051.46	4181483.78	5.49	0.00	5.49	
PERIOD		0.00000	ug/m^3	r	643044.62	4181536.90	5.24	0.00	5.24	
PERIOD		0.00000	ug/m^3	r	643074.82	4181735.00	4.31	0.00	4.31	
PERIOD		0.00000	ug/m^3	r	643086.22	4182094.01	4.58	0.00	4.58	
PERIOD		0.00000	ug/m^3	r	643112.32	4182105.50	4.56	0.00	4.56	
PERIOD		0.00000	ug/m^3	r	643546.53	4181985.18	4.06	0.00	4.06	
PERIOD		0.00000	ug/m^3	r	643513.62	4181994.64	3.90	0.00	3.90	
PERIOD		0.00000	ug/m^3	r	643562.16	4182026.32	4.07	0.00	4.07	
PERIOD		0.00000	ug/m^3	r	643691.88	4181951.64	4.69	0.00	4.69	
PERIOD		0.00000	ug/m^3	r	644094.39	4181935.13	4.86	0.00	4.86	
PERIOD		0.00000	ug/m^3	r	644141.12	4181899.90	4.90	0.00	4.90	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00000	ug/m^3	r	644267.45	4181934.22	4.95	0.00	4.95	
PERIOD		0.00000	ug/m^3	r	644287.49	4181943.88	4.85	0.00	4.85	
PERIOD		0.00000	ug/m^3	r	644292.76	4181965.65	4.78	0.00	4.78	
PERIOD		0.00000	ug/m^3	r	644292.05	4182056.81	6.89	0.00	6.89	
PERIOD		0.00000	ug/m^3	r	642259.02	4181880.67	7.16	0.00	7.16	
PERIOD		0.00000	ug/m^3	r	642310.80	4181936.64	7.27	0.00	7.27	
PERIOD		0.00000	ug/m^3	r	642273.02	4181956.93	7.39	0.00	7.39	
PERIOD		0.00000	ug/m^3	r	642495.22	4182060.53	5.17	0.00	5.17	
PERIOD		0.00000	ug/m^3	r	642520.63	4182128.95	4.82	0.00	4.82	
PERIOD		0.00000	ug/m^3	r	642460.07	4182152.93	4.89	0.00	4.89	
PERIOD		0.00000	ug/m^3	r	642395.94	4182171.85	4.89	0.00	4.89	
PERIOD		0.00000	ug/m^3	r	642354.64	4182180.55	4.85	0.00	4.85	
PERIOD		0.00000	ug/m^3	r	642309.47	4182187.07	4.89	0.00	4.89	
PERIOD		0.00000	ug/m^3	r	642280.75	4182195.60	5.04	0.00	5.04	
PERIOD		0.00000	ug/m^3	r	642284.96	4182251.52	5.06	0.00	5.06	
PERIOD		0.00000	ug/m^3	r	642294.26	4182270.05	5.02	0.00	5.02	
PERIOD		0.00000	ug/m^3	r	642091.45	4182315.72	5.07	0.00	5.07	
PERIOD		0.00000	ug/m^3	r	641887.74	4182399.30	5.07	0.00	5.07	
PERIOD		0.00001	ug/m^3	r	641273.71	4181787.58	6.87	0.00	6.87	
PERIOD		0.00001	ug/m^3	r	641291.66	4181761.78	6.62	0.00	6.62	
PERIOD		0.00001	ug/m^3	r	641217.11	4181351.16	5.94	0.00	5.94	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00001	ug/m^3	r	640660.60	4181335.03	6.14	0.00	6.14	
PERIOD		0.00001	ug/m^3	r	640788.06	4181343.64	5.94	0.00	5.94	
PERIOD		0.00001	ug/m^3	r	640803.39	4181338.45	5.94	0.00	5.94	
PERIOD		0.00001	ug/m^3	r	640649.98	4181397.27	5.41	0.00	5.41	
PERIOD		0.00000	ug/m^3	r	640648.73	4182240.43	4.11	0.00	4.11	
PERIOD		0.00000	ug/m^3	r	640586.47	4181956.43	4.05	0.00	4.05	
PERIOD		0.00000	ug/m^3	r	640547.21	4181955.64	4.18	0.00	4.18	
PERIOD		0.00001	ug/m^3	r	643437.92	4180843.06	2.54	0.00	2.54	
PERIOD		0.00001	ug/m^3	r	643481.97	4180898.97	2.54	0.00	2.54	
PERIOD		0.00001	ug/m^3	r	643433.96	4180777.27	2.63	0.00	2.63	
PERIOD		0.00001	ug/m^3	r	643661.26	4180799.81	3.40	0.00	3.40	
PERIOD		0.00006	ug/m^3	r	643358.63	4179948.56	7.24	0.00	7.24	
PERIOD		0.00005	ug/m^3	r	643364.90	4179934.14	7.30	0.00	7.30	
PERIOD		0.00005	ug/m^3	r	643369.06	4180042.08	8.11	0.00	8.11	
PERIOD		0.00004	ug/m^3	r	643467.43	4180035.35	8.23	0.00	8.23	
PERIOD		0.00006	ug/m^3	r	643303.09	4180066.52	6.80	0.00	6.80	
PERIOD		0.00006	ug/m^3	r	643292.53	4180113.09	6.82	0.00	6.82	
PERIOD		0.00006	ug/m^3	r	643351.83	4180094.85	6.59	0.00	6.59	
PERIOD		0.00004	ug/m^3	r	643450.64	4180097.01	6.22	0.00	6.22	
PERIOD		0.00004	ug/m^3	r	643491.34	4180094.80	7.11	0.00	7.11	
PERIOD		0.00005	ug/m^3	r	643349.76	4180163.14	6.28	0.00	6.28	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00004	ug/m^3	r	643408.25	4180231.85	5.77	0.00	5.77	
PERIOD		0.00003	ug/m^3	r	643467.32	4180253.70	5.80	0.00	5.80	
PERIOD		0.00003	ug/m^3	r	643521.65	4180278.59	5.50	0.00	5.50	
PERIOD		0.00002	ug/m^3	r	643572.31	4180303.75	5.37	0.00	5.37	
PERIOD		0.00002	ug/m^3	r	643533.46	4180366.45	5.09	0.00	5.09	
PERIOD		0.00002	ug/m^3	r	643621.79	4180419.99	8.03	0.00	8.03	
PERIOD		0.00001	ug/m^3	r	643700.62	4180460.54	7.92	0.00	7.92	
PERIOD		0.00001	ug/m^3	r	643875.45	4180553.54	7.92	0.00	7.92	
PERIOD		0.00006	ug/m^3	r	643262.17	4179872.86	7.65	0.00	7.65	
PERIOD		0.00001	ug/m^3	r	644358.55	4178997.60	8.74	0.00	8.74	
PERIOD		0.00001	ug/m^3	r	644360.03	4179117.34	8.37	0.00	8.37	
PERIOD		0.00001	ug/m^3	r	644400.66	4179118.33	8.38	0.00	8.38	
PERIOD		0.00001	ug/m^3	r	644391.43	4179183.34	8.30	0.00	8.30	
PERIOD		0.00001	ug/m^3	r	644346.19	4179235.67	8.00	0.00	8.00	
PERIOD		0.00001	ug/m^3	r	644358.03	4179295.58	7.62	0.00	7.62	
PERIOD		0.00001	ug/m^3	r	644377.37	4179348.51	7.39	0.00	7.39	
PERIOD		0.00001	ug/m^3	r	644370.04	4179426.85	7.14	0.00	7.14	
PERIOD		0.00001	ug/m^3	r	644366.28	4179467.77	6.98	0.00	6.98	
PERIOD		0.00001	ug/m^3	r	644392.01	4179558.11	6.89	0.00	6.89	
PERIOD		0.00001	ug/m^3	r	644363.59	4179543.35	6.81	0.00	6.81	
PERIOD		0.00001	ug/m^3	r	644353.27	4179624.50	6.82	0.00	6.82	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

AERMOD View by Lakes Environmental Software

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00001	ug/m^3	r	644348.20	4179699.91	6.66	0.00	6.66	
PERIOD		0.00002	ug/m^3	r	644350.67	4179777.56	6.55	0.00	6.55	
PERIOD		0.00007	ug/m^3	s	643056.95	4179847.93	8.07	0.00	8.07	
PERIOD		0.00006	ug/m^3	s	643249.62	4179856.27	7.72	0.00	7.72	
PERIOD		0.00006	ug/m^3	s	643244.70	4179977.45	7.48	0.00	7.48	
PERIOD		0.00006	ug/m^3	s	643320.11	4179981.67	7.10	0.00	7.10	
PERIOD		0.00007	ug/m^3	s	643317.62	4180052.81	6.83	0.00	6.83	
PERIOD		0.00009	ug/m^3	s	643048.31	4180042.53	7.22	0.00	7.22	
PERIOD		0.00007	ug/m^3	s	643061.89	4179848.14	7.88	0.00	7.88	
PERIOD		0.00007	ug/m^3	s	643066.83	4179848.36	7.82	0.00	7.82	
PERIOD		0.00007	ug/m^3	s	643071.77	4179848.57	7.83	0.00	7.83	
PERIOD		0.00007	ug/m^3	s	643076.71	4179848.79	7.80	0.00	7.80	
PERIOD		0.00007	ug/m^3	s	643081.65	4179849.00	7.76	0.00	7.76	
PERIOD		0.00007	ug/m^3	s	643086.59	4179849.21	7.74	0.00	7.74	
PERIOD		0.00007	ug/m^3	s	643091.53	4179849.43	7.72	0.00	7.72	
PERIOD		0.00007	ug/m^3	s	643096.47	4179849.64	7.71	0.00	7.71	
PERIOD		0.00007	ug/m^3	s	643101.41	4179849.85	7.70	0.00	7.70	
PERIOD		0.00007	ug/m^3	s	643106.35	4179850.07	7.70	0.00	7.70	
PERIOD		0.00007	ug/m^3	s	643111.29	4179850.28	7.73	0.00	7.73	
PERIOD		0.00007	ug/m^3	s	643116.23	4179850.50	7.74	0.00	7.74	
PERIOD		0.00007	ug/m^3	s	643121.17	4179850.71	7.75	0.00	7.75	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00007	ug/m^3	s	643126.11	4179850.92	7.75	0.00	7.75	
PERIOD		0.00007	ug/m^3	s	643131.05	4179851.14	7.75	0.00	7.75	
PERIOD		0.00007	ug/m^3	s	643135.99	4179851.35	7.76	0.00	7.76	
PERIOD		0.00007	ug/m^3	s	643140.93	4179851.57	7.75	0.00	7.75	
PERIOD		0.00007	ug/m^3	s	643145.87	4179851.78	7.74	0.00	7.74	
PERIOD		0.00007	ug/m^3	s	643150.81	4179851.99	7.77	0.00	7.77	
PERIOD		0.00007	ug/m^3	s	643155.76	4179852.21	7.81	0.00	7.81	
PERIOD		0.00006	ug/m^3	s	643160.70	4179852.42	7.85	0.00	7.85	
PERIOD		0.00006	ug/m^3	s	643165.64	4179852.63	7.87	0.00	7.87	
PERIOD		0.00006	ug/m^3	s	643170.58	4179852.85	7.88	0.00	7.88	
PERIOD		0.00006	ug/m^3	s	643175.52	4179853.06	7.87	0.00	7.87	
PERIOD		0.00006	ug/m^3	s	643180.46	4179853.28	7.87	0.00	7.87	
PERIOD		0.00006	ug/m^3	s	643185.40	4179853.49	7.88	0.00	7.88	
PERIOD		0.00006	ug/m^3	s	643190.34	4179853.70	7.87	0.00	7.87	
PERIOD		0.00006	ug/m^3	s	643195.28	4179853.92	7.87	0.00	7.87	
PERIOD		0.00006	ug/m^3	s	643200.22	4179854.13	7.86	0.00	7.86	
PERIOD		0.00006	ug/m^3	s	643205.16	4179854.35	7.86	0.00	7.86	
PERIOD		0.00006	ug/m^3	s	643210.10	4179854.56	7.86	0.00	7.86	
PERIOD		0.00006	ug/m^3	s	643215.04	4179854.77	7.85	0.00	7.85	
PERIOD		0.00006	ug/m^3	s	643219.98	4179854.99	7.83	0.00	7.83	
PERIOD		0.00006	ug/m^3	s	643224.92	4179855.20	7.82	0.00	7.82	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00006	ug/m^3	s	643229.86	4179855.41	7.80	0.00	7.80	
PERIOD		0.00006	ug/m^3	s	643234.80	4179855.63	7.79	0.00	7.79	
PERIOD		0.00006	ug/m^3	s	643239.74	4179855.84	7.77	0.00	7.77	
PERIOD		0.00006	ug/m^3	s	643244.68	4179856.06	7.74	0.00	7.74	
PERIOD		0.00006	ug/m^3	s	643249.42	4179861.12	7.68	0.00	7.68	
PERIOD		0.00006	ug/m^3	s	643249.23	4179865.96	7.67	0.00	7.67	
PERIOD		0.00006	ug/m^3	s	643249.03	4179870.81	7.66	0.00	7.66	
PERIOD		0.00006	ug/m^3	s	643248.83	4179875.66	7.65	0.00	7.65	
PERIOD		0.00006	ug/m^3	s	643248.64	4179880.51	7.64	0.00	7.64	
PERIOD		0.00006	ug/m^3	s	643248.44	4179885.35	7.63	0.00	7.63	
PERIOD		0.00006	ug/m^3	s	643248.24	4179890.20	7.63	0.00	7.63	
PERIOD		0.00006	ug/m^3	s	643248.05	4179895.05	7.63	0.00	7.63	
PERIOD		0.00006	ug/m^3	s	643247.85	4179899.89	7.63	0.00	7.63	
PERIOD		0.00006	ug/m^3	s	643247.65	4179904.74	7.64	0.00	7.64	
PERIOD		0.00006	ug/m^3	s	643247.46	4179909.59	7.64	0.00	7.64	
PERIOD		0.00006	ug/m^3	s	643247.26	4179914.44	7.66	0.00	7.66	
PERIOD		0.00006	ug/m^3	s	643247.06	4179919.28	7.69	0.00	7.69	
PERIOD		0.00006	ug/m^3	s	643246.86	4179924.13	7.71	0.00	7.71	
PERIOD		0.00006	ug/m^3	s	643246.67	4179928.98	7.67	0.00	7.67	
PERIOD		0.00006	ug/m^3	s	643246.47	4179933.83	7.64	0.00	7.64	
PERIOD		0.00006	ug/m^3	s	643246.27	4179938.67	7.62	0.00	7.62	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00006	ug/m^3	s	643246.08	4179943.52	7.59	0.00	7.59	
PERIOD		0.00006	ug/m^3	s	643245.88	4179948.37	7.56	0.00	7.56	
PERIOD		0.00006	ug/m^3	s	643245.68	4179953.21	7.53	0.00	7.53	
PERIOD		0.00006	ug/m^3	s	643245.49	4179958.06	7.50	0.00	7.50	
PERIOD		0.00006	ug/m^3	s	643245.29	4179962.91	7.48	0.00	7.48	
PERIOD		0.00006	ug/m^3	s	643245.09	4179967.76	7.48	0.00	7.48	
PERIOD		0.00006	ug/m^3	s	643244.90	4179972.60	7.48	0.00	7.48	
PERIOD		0.00006	ug/m^3	s	643249.41	4179977.71	7.48	0.00	7.48	
PERIOD		0.00006	ug/m^3	s	643254.13	4179977.98	7.45	0.00	7.45	
PERIOD		0.00006	ug/m^3	s	643258.84	4179978.24	7.42	0.00	7.42	
PERIOD		0.00006	ug/m^3	s	643263.55	4179978.51	7.37	0.00	7.37	
PERIOD		0.00006	ug/m^3	s	643268.27	4179978.77	7.32	0.00	7.32	
PERIOD		0.00006	ug/m^3	s	643272.98	4179979.03	7.28	0.00	7.28	
PERIOD		0.00006	ug/m^3	s	643277.69	4179979.30	7.23	0.00	7.23	
PERIOD		0.00006	ug/m^3	s	643282.41	4179979.56	7.19	0.00	7.19	
PERIOD		0.00006	ug/m^3	s	643287.12	4179979.82	7.15	0.00	7.15	
PERIOD		0.00006	ug/m^3	s	643291.83	4179980.09	7.11	0.00	7.11	
PERIOD		0.00006	ug/m^3	s	643296.54	4179980.35	7.08	0.00	7.08	
PERIOD		0.00006	ug/m^3	s	643301.26	4179980.62	7.07	0.00	7.07	
PERIOD		0.00006	ug/m^3	s	643305.97	4179980.88	7.07	0.00	7.07	
PERIOD		0.00006	ug/m^3	s	643310.68	4179981.14	7.07	0.00	7.07	

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00006	ug/m^3	s	643315.40	4179981.41	7.08	0.00	7.08	
PERIOD		0.00006	ug/m^3	s	643319.94	4179986.41	7.15	0.00	7.15	
PERIOD		0.00006	ug/m^3	s	643319.78	4179991.16	7.11	0.00	7.11	
PERIOD		0.00006	ug/m^3	s	643319.61	4179995.90	7.07	0.00	7.07	
PERIOD		0.00006	ug/m^3	s	643319.45	4180000.64	7.04	0.00	7.04	
PERIOD		0.00006	ug/m^3	s	643319.28	4180005.38	7.01	0.00	7.01	
PERIOD		0.00006	ug/m^3	s	643319.11	4180010.13	6.98	0.00	6.98	
PERIOD		0.00007	ug/m^3	s	643318.95	4180014.87	6.96	0.00	6.96	
PERIOD		0.00007	ug/m^3	s	643318.78	4180019.61	6.94	0.00	6.94	
PERIOD		0.00007	ug/m^3	s	643318.62	4180024.35	6.93	0.00	6.93	
PERIOD		0.00007	ug/m^3	s	643318.45	4180029.10	6.92	0.00	6.92	
PERIOD		0.00007	ug/m^3	s	643318.28	4180033.84	6.92	0.00	6.92	
PERIOD		0.00007	ug/m^3	s	643318.12	4180038.58	6.91	0.00	6.91	
PERIOD		0.00007	ug/m^3	s	643317.95	4180043.32	6.88	0.00	6.88	
PERIOD		0.00007	ug/m^3	s	643317.79	4180048.07	6.84	0.00	6.84	
PERIOD		0.00006	ug/m^3	s	643312.63	4180052.62	6.84	0.00	6.84	
PERIOD		0.00006	ug/m^3	s	643307.65	4180052.43	6.88	0.00	6.88	
PERIOD		0.00006	ug/m^3	s	643302.66	4180052.24	6.93	0.00	6.93	
PERIOD		0.00006	ug/m^3	s	643297.67	4180052.05	6.97	0.00	6.97	
PERIOD		0.00006	ug/m^3	s	643292.68	4180051.86	7.02	0.00	7.02	
PERIOD		0.00006	ug/m^3	s	643287.70	4180051.67	7.07	0.00	7.07	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00006	ug/m^3	s	643282.71	4180051.48	7.13	0.00	7.13	
PERIOD		0.00006	ug/m^3	s	643277.72	4180051.29	7.17	0.00	7.17	
PERIOD		0.00006	ug/m^3	s	643272.74	4180051.10	7.21	0.00	7.21	
PERIOD		0.00006	ug/m^3	s	643267.75	4180050.91	7.19	0.00	7.19	
PERIOD		0.00006	ug/m^3	s	643262.76	4180050.72	7.16	0.00	7.16	
PERIOD		0.00006	ug/m^3	s	643257.77	4180050.53	7.07	0.00	7.07	
PERIOD		0.00006	ug/m^3	s	643252.79	4180050.34	7.04	0.00	7.04	
PERIOD		0.00006	ug/m^3	s	643247.80	4180050.14	7.02	0.00	7.02	
PERIOD		0.00007	ug/m^3	s	643242.81	4180049.95	7.02	0.00	7.02	
PERIOD		0.00007	ug/m^3	s	643237.82	4180049.76	7.04	0.00	7.04	
PERIOD		0.00007	ug/m^3	s	643232.84	4180049.57	7.10	0.00	7.10	
PERIOD		0.00007	ug/m^3	s	643227.85	4180049.38	7.16	0.00	7.16	
PERIOD		0.00007	ug/m^3	s	643222.86	4180049.19	7.23	0.00	7.23	
PERIOD		0.00007	ug/m^3	s	643217.88	4180049.00	7.25	0.00	7.25	
PERIOD		0.00007	ug/m^3	s	643212.89	4180048.81	7.27	0.00	7.27	
PERIOD		0.00007	ug/m^3	s	643207.90	4180048.62	7.28	0.00	7.28	
PERIOD		0.00007	ug/m^3	s	643202.91	4180048.43	7.29	0.00	7.29	
PERIOD		0.00007	ug/m^3	s	643197.93	4180048.24	7.30	0.00	7.30	
PERIOD		0.00007	ug/m^3	s	643192.94	4180048.05	7.29	0.00	7.29	
PERIOD		0.00007	ug/m^3	s	643187.95	4180047.86	7.29	0.00	7.29	
PERIOD		0.00007	ug/m^3	s	643182.97	4180047.67	7.28	0.00	7.28	

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Sensitive Receptor Summary

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PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00007	ug/m^3	s	643177.98	4180047.48	7.28	0.00	7.28	
PERIOD		0.00007	ug/m^3	s	643172.99	4180047.29	7.28	0.00	7.28	
PERIOD		0.00008	ug/m^3	s	643168.00	4180047.10	7.27	0.00	7.27	
PERIOD		0.00008	ug/m^3	s	643163.02	4180046.91	7.26	0.00	7.26	
PERIOD		0.00008	ug/m^3	s	643158.03	4180046.72	7.24	0.00	7.24	
PERIOD		0.00008	ug/m^3	s	643153.04	4180046.53	7.22	0.00	7.22	
PERIOD		0.00008	ug/m^3	s	643148.05	4180046.34	7.19	0.00	7.19	
PERIOD		0.00008	ug/m^3	s	643143.07	4180046.15	7.17	0.00	7.17	
PERIOD		0.00008	ug/m^3	s	643138.08	4180045.96	7.14	0.00	7.14	
PERIOD		0.00008	ug/m^3	s	643133.09	4180045.77	7.11	0.00	7.11	
PERIOD		0.00008	ug/m^3	s	643128.11	4180045.58	7.10	0.00	7.10	
PERIOD		0.00008	ug/m^3	s	643123.12	4180045.39	7.09	0.00	7.09	
PERIOD		0.00008	ug/m^3	s	643118.13	4180045.20	7.10	0.00	7.10	
PERIOD		0.00008	ug/m^3	s	643113.14	4180045.00	7.11	0.00	7.11	
PERIOD		0.00008	ug/m^3	s	643108.16	4180044.81	7.11	0.00	7.11	
PERIOD		0.00008	ug/m^3	s	643103.17	4180044.62	7.13	0.00	7.13	
PERIOD		0.00008	ug/m^3	s	643098.18	4180044.43	7.14	0.00	7.14	
PERIOD		0.00009	ug/m^3	s	643093.20	4180044.24	7.15	0.00	7.15	
PERIOD		0.00009	ug/m^3	s	643088.21	4180044.05	7.15	0.00	7.15	
PERIOD		0.00009	ug/m^3	s	643083.22	4180043.86	7.15	0.00	7.15	
PERIOD		0.00009	ug/m^3	s	643078.23	4180043.67	7.16	0.00	7.16	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00009	ug/m^3	s	643073.25	4180043.48	7.16	0.00	7.16	
PERIOD		0.00009	ug/m^3	s	643068.26	4180043.29	7.16	0.00	7.16	
PERIOD		0.00009	ug/m^3	s	643063.27	4180043.10	7.16	0.00	7.16	
PERIOD		0.00009	ug/m^3	s	643058.28	4180042.91	7.17	0.00	7.17	
PERIOD		0.00009	ug/m^3	s	643053.30	4180042.72	7.19	0.00	7.19	
PERIOD		0.00009	ug/m^3	s	643048.53	4180037.54	7.23	0.00	7.23	
PERIOD		0.00009	ug/m^3	s	643048.75	4180032.55	7.23	0.00	7.23	
PERIOD		0.00009	ug/m^3	s	643048.97	4180027.56	7.20	0.00	7.20	
PERIOD		0.00009	ug/m^3	s	643049.20	4180022.57	7.17	0.00	7.17	
PERIOD		0.00009	ug/m^3	s	643049.42	4180017.58	7.17	0.00	7.17	
PERIOD		0.00009	ug/m^3	s	643049.64	4180012.59	7.16	0.00	7.16	
PERIOD		0.00008	ug/m^3	s	643049.86	4180007.60	7.17	0.00	7.17	
PERIOD		0.00008	ug/m^3	s	643050.08	4180002.61	7.17	0.00	7.17	
PERIOD		0.00008	ug/m^3	s	643050.30	4179997.62	7.19	0.00	7.19	
PERIOD		0.00008	ug/m^3	s	643050.53	4179992.63	7.21	0.00	7.21	
PERIOD		0.00008	ug/m^3	s	643050.75	4179987.64	7.21	0.00	7.21	
PERIOD		0.00008	ug/m^3	s	643050.97	4179982.65	7.21	0.00	7.21	
PERIOD		0.00008	ug/m^3	s	643051.19	4179977.66	7.23	0.00	7.23	
PERIOD		0.00008	ug/m^3	s	643051.41	4179972.67	7.26	0.00	7.26	
PERIOD		0.00008	ug/m^3	s	643051.63	4179967.68	7.31	0.00	7.31	
PERIOD		0.00008	ug/m^3	s	643051.85	4179962.69	7.37	0.00	7.37	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00008	ug/m^3	s	643052.08	4179957.70	7.48	0.00	7.48	
PERIOD		0.00008	ug/m^3	s	643052.30	4179952.71	7.61	0.00	7.61	
PERIOD		0.00008	ug/m^3	s	643052.52	4179947.72	7.67	0.00	7.67	
PERIOD		0.00007	ug/m^3	s	643052.74	4179942.74	7.70	0.00	7.70	
PERIOD		0.00007	ug/m^3	s	643052.96	4179937.75	7.73	0.00	7.73	
PERIOD		0.00007	ug/m^3	s	643053.18	4179932.76	7.75	0.00	7.75	
PERIOD		0.00007	ug/m^3	s	643053.41	4179927.77	7.77	0.00	7.77	
PERIOD		0.00007	ug/m^3	s	643053.63	4179922.78	7.80	0.00	7.80	
PERIOD		0.00007	ug/m^3	s	643053.85	4179917.79	7.83	0.00	7.83	
PERIOD		0.00007	ug/m^3	s	643054.07	4179912.80	7.87	0.00	7.87	
PERIOD		0.00007	ug/m^3	s	643054.29	4179907.81	7.90	0.00	7.90	
PERIOD		0.00007	ug/m^3	s	643054.51	4179902.82	7.92	0.00	7.92	
PERIOD		0.00007	ug/m^3	s	643054.73	4179897.83	7.94	0.00	7.94	
PERIOD		0.00007	ug/m^3	s	643054.96	4179892.84	7.96	0.00	7.96	
PERIOD		0.00007	ug/m^3	s	643055.18	4179887.85	7.97	0.00	7.97	
PERIOD		0.00007	ug/m^3	s	643055.40	4179882.86	7.96	0.00	7.96	
PERIOD		0.00007	ug/m^3	s	643055.62	4179877.87	7.95	0.00	7.95	
PERIOD		0.00007	ug/m^3	s	643055.84	4179872.88	7.94	0.00	7.94	
PERIOD		0.00006	ug/m^3	s	643056.06	4179867.89	7.95	0.00	7.95	
PERIOD		0.00006	ug/m^3	r	643056.29	4179862.90	7.98	0.00	7.98	
PERIOD		0.00006	ug/m^3	r	643056.51	4179857.91	8.01	0.00	8.01	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00007	ug/m^3	r	643056.73	4179852.92	8.03	0.00	8.03	
PERIOD		0.00000	ug/m^3	r	644709.80	4181175.99	5.24	0.00	5.24	
PERIOD		0.00000	ug/m^3	r	643845.20	4181463.75	7.71	0.00	7.71	
PERIOD		0.00000	ug/m^3	r	644330.00	4180865.21	4.60	0.00	4.60	
PERIOD		0.00000	ug/m^3	r	644452.33	4180865.29	5.27	0.00	5.27	
PERIOD		0.00000	ug/m^3	r	644512.10	4180798.27	7.93	0.00	7.93	
PERIOD		0.00000	ug/m^3	r	644319.84	4180764.59	4.35	0.00	4.35	
PERIOD		0.00000	ug/m^3	r	644308.04	4180746.23	4.90	0.00	4.90	
PERIOD		0.00000	ug/m^3	r	644138.04	4180612.81	5.41	0.00	5.41	
PERIOD		0.00000	ug/m^3	r	644879.84	4180073.43	6.41	0.00	6.41	
PERIOD		0.00000	ug/m^3	r	644852.72	4180057.70	6.58	0.00	6.58	
PERIOD		0.00000	ug/m^3	r	644815.58	4180084.08	6.54	0.00	6.54	
PERIOD		0.00001	ug/m^3	r	644434.45	4179763.78	6.41	0.00	6.41	
PERIOD		0.00001	ug/m^3	r	644480.49	4179753.87	6.37	0.00	6.37	
PERIOD		0.00001	ug/m^3	r	644533.82	4179754.07	6.24	0.00	6.24	
PERIOD		0.00001	ug/m^3	r	644572.15	4179751.45	6.22	0.00	6.22	
PERIOD		0.00001	ug/m^3	r	644614.87	4179749.47	6.36	0.00	6.36	
PERIOD		0.00001	ug/m^3	r	644666.65	4179744.39	6.25	0.00	6.25	
PERIOD		0.00001	ug/m^3	r	644709.75	4179741.55	6.42	0.00	6.42	
PERIOD		0.00001	ug/m^3	r	644654.65	4179684.42	6.98	0.00	6.98	
PERIOD		0.00001	ug/m^3	r	644756.54	4179741.37	6.28	0.00	6.28	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00001	ug/m^3	r	644802.88	4179734.95	6.43	0.00	6.43	
PERIOD		0.00001	ug/m^3	r	644438.45	4179613.05	6.74	0.00	6.74	
PERIOD		0.00001	ug/m^3	r	644419.90	4179655.61	6.44	0.00	6.44	
PERIOD		0.00001	ug/m^3	r	644515.31	4179578.76	6.95	0.00	6.95	
PERIOD		0.00001	ug/m^3	r	644568.92	4179611.72	6.77	0.00	6.77	
PERIOD		0.00001	ug/m^3	r	644632.74	4179604.09	6.97	0.00	6.97	
PERIOD		0.00001	ug/m^3	r	644622.52	4179628.84	6.75	0.00	6.75	
PERIOD		0.00001	ug/m^3	r	644692.02	4179626.72	6.77	0.00	6.77	
PERIOD		0.00001	ug/m^3	r	644715.72	4179622.20	6.74	0.00	6.74	
PERIOD		0.00001	ug/m^3	r	644736.91	4179575.92	6.98	0.00	6.98	
PERIOD		0.00001	ug/m^3	r	644896.13	4179734.33	6.68	0.00	6.68	
PERIOD		0.00001	ug/m^3	r	644890.29	4179678.94	6.88	0.00	6.88	
PERIOD		0.00001	ug/m^3	r	644870.72	4179630.27	6.88	0.00	6.88	
PERIOD		0.00001	ug/m^3	r	644844.88	4179581.26	6.89	0.00	6.89	
PERIOD		0.00001	ug/m^3	r	644811.63	4179524.16	7.12	0.00	7.12	
PERIOD		0.00001	ug/m^3	r	644888.52	4179486.80	7.31	0.00	7.31	
PERIOD		0.00001	ug/m^3	r	644843.91	4179447.63	7.35	0.00	7.35	
PERIOD		0.00001	ug/m^3	r	644751.04	4179453.34	7.24	0.00	7.24	
PERIOD		0.00001	ug/m^3	r	644687.08	4179421.77	7.25	0.00	7.25	
PERIOD		0.00001	ug/m^3	r	644651.04	4179382.11	7.43	0.00	7.43	
PERIOD		0.00001	ug/m^3	r	644781.49	4179374.57	7.52	0.00	7.52	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

AERMOD View by Lakes Environmental Software

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00001	ug/m^3	r	644638.75	4179524.00	6.77	0.00	6.77	
PERIOD		0.00001	ug/m^3	r	644704.20	4179540.46	7.02	0.00	7.02	
PERIOD		0.00001	ug/m^3	r	644720.05	4179331.30	7.66	0.00	7.66	
PERIOD		0.00001	ug/m^3	r	644652.73	4179276.83	7.82	0.00	7.82	
PERIOD		0.00001	ug/m^3	r	644594.69	4179286.60	7.81	0.00	7.81	
PERIOD		0.00001	ug/m^3	r	644553.55	4179307.88	8.03	0.00	8.03	
PERIOD		0.00001	ug/m^3	r	644582.85	4179385.45	7.42	0.00	7.42	
PERIOD		0.00001	ug/m^3	r	644547.59	4179463.84	7.26	0.00	7.26	
PERIOD		0.00001	ug/m^3	r	644587.96	4179533.53	6.99	0.00	6.99	
PERIOD		0.00001	ug/m^3	r	644464.69	4179511.51	7.11	0.00	7.11	
PERIOD		0.00001	ug/m^3	r	644458.51	4179430.01	7.27	0.00	7.27	
PERIOD		0.00001	ug/m^3	r	644481.84	4179451.80	7.24	0.00	7.24	
PERIOD		0.00001	ug/m^3	r	644511.17	4179343.07	7.49	0.00	7.49	
PERIOD		0.00001	ug/m^3	r	644422.52	4179188.89	8.22	0.00	8.22	
PERIOD		0.00001	ug/m^3	r	644494.33	4179201.46	8.16	0.00	8.16	
PERIOD		0.00001	ug/m^3	r	644536.24	4179160.11	8.33	0.00	8.33	
PERIOD		0.00001	ug/m^3	r	644510.90	4179123.08	8.42	0.00	8.42	
PERIOD		0.00001	ug/m^3	r	644479.20	4179133.58	8.35	0.00	8.35	
PERIOD		0.00001	ug/m^3	r	644448.31	4179129.95	8.47	0.00	8.47	
PERIOD		0.00001	ug/m^3	r	644452.76	4179185.46	8.12	0.00	8.12	
PERIOD		0.00001	ug/m^3	r	644819.26	4178110.75	12.44	0.00	12.44	

Project File: C:\Lakes\AERMOD View\Tracy Alliance Phase 3 Mitigated DPM\Tracy Alliance Phase 3 Mitigated DPM.isc

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2/26/2021

Sensitive Receptor Summary

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

PM10 - Concentration - Source Group: ALL										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.00001	ug/m^3	r	644432.02	4178184.01	11.91	0.00	11.91	
PERIOD		0.00001	ug/m^3	r	643789.26	4178237.48	13.01	0.00	13.01	
PERIOD		0.00001	ug/m^3	r	643119.53	4178034.41	14.98	0.00	14.98	
PERIOD		0.00000	ug/m^3	r	640400.83	4178086.93	15.28	0.00	15.28	
PERIOD		0.00000	ug/m^3	r	640651.52	4182600.78	6.74	0.00	6.74	
PERIOD		0.00000	ug/m^3	r	640381.96	4182411.74	4.34	0.00	4.34	
PERIOD		0.00000	ug/m^3	r	640647.52	4182373.39	4.00	0.00	4.00	
PERIOD		0.00000	ug/m^3	r	640650.54	4182298.58	4.20	0.00	4.20	
PERIOD		0.00000	ug/m^3	r	641085.45	4182754.82	4.65	0.00	4.65	
PERIOD		0.00000	ug/m^3	r	641137.09	4182713.73	4.54	0.00	4.54	
PERIOD		0.00000	ug/m^3	r	644304.24	4182367.65	3.81	0.00	3.81	
PERIOD		0.00000	ug/m^3	r	644313.47	4182401.60	3.57	0.00	3.57	
PERIOD		0.00000	ug/m^3	r	644346.08	4182544.35	3.82	0.00	3.82	
PERIOD		0.00000	ug/m^3	r	644342.13	4182579.51	3.77	0.00	3.77	
PERIOD		0.00000	ug/m^3	r	644298.15	4182492.21	3.32	0.00	3.32	
PERIOD		0.00000	ug/m^3	r	644334.86	4182819.85	3.93	0.00	3.93	

PROJECT TITLE:

C:\Lakes\AERMOD View\Tracy Alliance Phase 1\Tracy Alliance Phase 1.i

COMMENTS:

SOURCES:

5

RECEPTORS:

4193

OUTPUT TYPE:

Concentration

MAX:

2.1E-03 ug/m³

COMPANY NAME:

MODELER:

DATE:

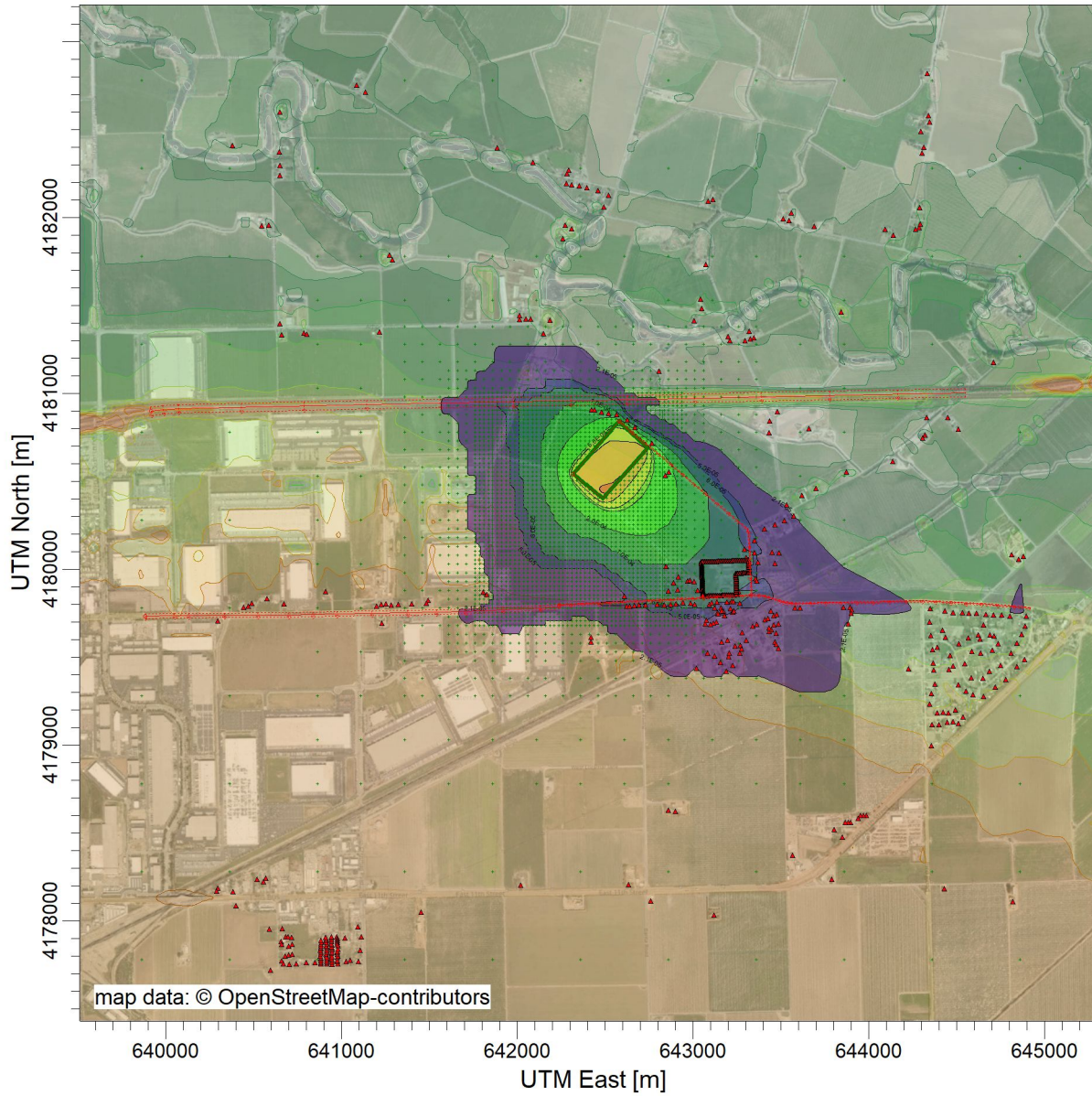
2/26/2021

SCALE:

1:39,357

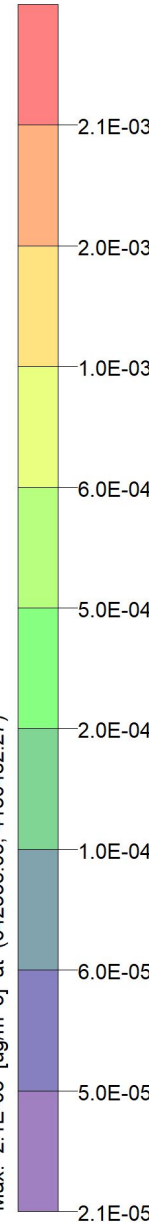


PROJECT NO.:



ug/m³

PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL
Max: 2.1E-03 [ug/m³] at (642558.05, 4180482.27)



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