

Ldn Consulting, Inc.

23811 Washington Ave, C110-333, Murrieta, CA 92562

phone 760-473-1253

July 23, 2024

Ocean Breeze Ranch, LLC
Attn: James Conrad
1550 South Coast Highway, Suite 201
Laguna Beach, CA 92651

RE: Air Quality and Greenhouse Gas Addendum Letter PDS2023-TM-5615TER - Ocean Breeze Ranch Revised Tentative Map Time Extension - County of San Diego

The proposed Project seeks to modify the previously approved Tentative Map 5615 which was approved by the Planning Commission on December 13, 2019. The approved project, also named Ocean Breeze Ranch, includes a 396 planned residential development (PRD) and a private equestrian facility which would be developed over three planning areas (PA1, PA2, and PA3). The PRD would also include parks, roads and landscaped areas. The equestrian facility consists primarily of previously constructed buildings and structures.

The proposed Project would modify 86 lot lines (57 residential lots, 25 open space lots and 2 public park lots and 2 private park lots); lower building pad elevations PA1 and PA3 while raising elevations at PA2. In addition, the proposed Project would realign Street B and utilities to accommodate the modifications.

Earthwork for the approved Tentative Map 5615 consisted of 1,900,000 cubic yards (CY) of even cut and fill with no export required. The proposed Project modification would increase the earthwork to approximately 2,500,000 CY and would remain balanced.

The purpose of this air quality and greenhouse gas addendum letter is to compare the construction emissions from what was calculated and expected in the original air quality and greenhouse gas studies to a new scenario which includes additional earthwork onsite with 2,500,000 CY of earthwork. Operationally, the proposed Project and the existing approved project are identical.

The methodology uses the same models using the CalEEMod 2016.3.2 software used in the approval of the original air quality and greenhouse gas analysis approved under California Environmental Quality Act (CEQA). This methodology provides a good comparison with what was approved and what is now proposed which has a higher grading quantity and demonstrates the increased impact expected from the new grading quantity. In addition, this analysis also provides a comparison using the latest CalEEMod 2022.1 model which also compares the scenario with only 1,900,000 CY of earthwork with the revised 2,500,000 CY earthwork scenario.

**SDC PDS RCVD 08-09-24
TM5615TER**

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This mode demonstrates the relative differences between the older 2016 model and the latest model South Coast Air Quality Management District (SCAQMD) has adopted.

The 2022.1 model includes the same Project definitions, durations, equipment, horsepower, grading, acreage, onsite earthwork and project features as was also modeled in using the 2016.3.2 model with the exception of default model emission factors used to calculate Project emission.

Project Related Construction Emissions

The approved Project construction dates were estimated based on a construction kickoff in 2022 with construction ending sometime late 2029. The models were all updated with construction dates being pushed three years forward or starting in 2025 and ending in 2032. With the exception of Project grading and the forward construction dates, the Project description is essentially the same as was previously approved.

Air Quality

Table 1 below shows the maximum seasonal air quality emissions reported in the original analysis using CalEEMod 2016.3.2 for both the winter and summer months and then selects the yearly maximum emission to use as a comparison with blasting (**See Attachment A**). The table also identifies what the emissions do when the construction start dates are shifted forward in duration by three years and compares the results with the maximum yearly emission of the revised Project with 2,500,000 CY of material. Based on these results, emissions would only marginally increase and would remain less than significant. The additional modeling shifting the construction start date forward with the increased grading quantities is provided in **Attachment B**.

Finally, since the County now recommends CalEEMod 2022.1 as the primary air quality for CEQA analysis, a model was prepared which compares both the existing approved project with the proposed project with the increased grading quantities. Table 1 also shows the maximum yearly emissions from each scenario. Based on these findings, the new default emission rates used by CalEEMod 2022.1 are different but largely demonstrates that the emission would be very similar to what was previously approved. The model output from the existing approved scenario with the proposed revised scenario are provided as **Attachments C and D**.

Table 1: Construction Emissions Summary Various Models (Pounds per Day)

Year	ROG	NO_x	CO	SO₂	PM₁₀ (Total)	PM_{2.5} (Total)
2016.3.2 Original Analysis (Winter Maximum)	13.08	96.39	86.20	0.24	37.27	12.23
2016.3.2 Original Analysis (Summer Maximum)	13.99	95.42	87.34	0.23	37.28	12.23
Blasting Emissions		102	402		20.59	
2016.3.2 Existing Construction - Yearly Maximum with blasting	13.99	198.39	489.34	0.24	57.87	12.22
2016.3.2 Revised Construction Dates – Yearly Maximum with blasting	12.41	207.25	489.39	0.23	57.85	12.28
2016.3.2 Increase over Existing Emissions	-1.58	8.86	0.05	-0.01	-0.02	0.06
2022.1 Revised Construction Dates and Existing Earthwork Yearly Maximum with Blasting	4.37	190.9	486.7	0.27	53.89	14.8
2022.1 Revised Construction Dates and Revised Earthwork Yearly Maximum with Blasting	4.62	208	493	0.35	57.49	16
2022.1 Project Increase over Existing Scenario	0.25	17.1	6.3	0.08	3.6	1.2
Significance Threshold (lb/day)	75	250	550	250	100	55
SDAPCD Impact?	No	No	No	No	No	No

Construction emissions which produce diesel particulate matter (DPM) could have the potential to increase health risks for nearby receptors. The nearest sensitive receptors are between 140 and 300 meters away from the project grading boundaries and include the nearby school and residences to the south of the project. In addition, the project design features which are a condition of the Project, mandate the use of at least Tier 3 construction equipment with diesel particulate filters (DPF) attached. The original approved analysis found that cancer risks related to DPM would be 4.61 per one million exposed which is less than significant. Since the expected emissions as demonstrated in Table 1 above do not significantly increase, no significant increase to the estimate health risk would be expected. Furthermore, non-cancer risks (Acute) would also remain less than significant.

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Greenhouse Gas

Table 2 below shows the expected yearly GHG emission as identified in the approved Greenhouse Gas Assessment. Based on the numbers, the Project would generate 18,114.87 MT CO₂e total or 603.83 MT CO₂e annually (See **Attachment E**).

Table 2: Approved Project Construction CO₂e Emissions Summary (MT/Year)

Year	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
2022	0.000	1,270.745	1,270.745	0.335	0.000	1,279.109
2023	0.000	1,921.843	1,921.843	0.418	0.000	1,932.284
2024	0.000	2,761.559	2,761.559	0.148	0.000	2,765.270
2025	0.000	2,785.668	2,785.668	0.147	0.000	2,789.331
2026	0.000	2,724.972	2,724.972	0.143	0.000	2,728.554
2027	0.000	2,671.283	2,671.283	0.141	0.000	2,674.795
2028	0.000	2,614.363	2,614.363	0.138	0.000	2,617.800
2029	0.000	1,325.985	1,325.985	0.070	0.000	1,327.729
Total						18,114.87
Yearly Average Construction Emissions (Metric Tons/year over 30 years)						603.83
Expected Construction emissions are based upon CalEEMod modeling for equipment listed in Table 4.1 above.						

Table 3 below shows the revised construction model which increases the earthwork to 2,500,000 CY over the earthwork phases of the Project. Based on the model outputs (See **Attachment F**), the first two years of construction would increase GHG emissions however, over the remaining construction years, a GHG emissions reduction would be expected. Based on the revised model output, the cumulative construction emissions would be 17,690.88 MT CO₂e over the entire construction duration or an annual GHG emission of 589.70 MT CO₂e per year. Based on this, since cumulative GHG emissions would decrease cumulatively over the entire construction duration the proposed Project would generate a less than significant GHG impact. In addition, it should be noted that construction operations beyond what is proposed would not be expected, therefore, no new impacts would occur.

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Table 3: Proposed Project Construction CO₂e Emissions Summary (MT/Year)

Year	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
2025	0.00	1,441.88	1,441.88	0.35	0.00	1,450.51
2026	0.00	2,044.66	2,044.66	0.43	0.00	2,055.50
2027	0.00	2,577.42	2,577.42	0.14	0.00	2,580.87
2028	0.00	2,614.36	2,614.36	0.14	0.00	2,617.80
2029	0.00	2,582.70	2,582.70	0.14	0.00	2,586.10
2030	0.00	2,564.45	2,564.45	0.11	0.00	2,567.15
2031	0.00	2,532.82	2,532.82	0.11	0.00	2,535.48
2032	0.00	1,296.11	1,296.11	0.05	0.00	1,297.47
Total						17,690.88
Yearly Average Construction Emissions (Metric Tons/year over 30 years)						589.70
Expected Construction emissions are based upon CalEEMod modeling for equipment listed in Table 4.1 above.						

Based upon the findings for the proposed project, the increased earthwork construction activities would generate both a less than significant air quality and GHG impact. If you have any questions, please do not hesitate to contact me directly at (760) 473-1253.

Sincerely,
 Ldn Consulting, Inc.

Jeremy Loudon

- Attachment A: Original Analysis Air Quality Model Output (CalEEMod 2016.3.2)
- Attachment B: Revised Analysis Air Quality Model Output (CalEEMod 2016.3.2) – Modified Construction Start (2025) and Increased Earthwork
- Attachment C: Original Approved Air Quality Model Output (CalEEMod 2022.1) – Modified Construction Start (2025)
- Attachment D: Revised Quality Model Output (CalEEMod 2022.1) – Modified Construction Start (2025) and Increased Earthwork
- Attachment E: Original Analysis Greenhouse Gas Model Output (CalEEMod 2016.3.2) - Annual
- Attachment F: Revised Analysis Greenhouse Gas Model Output (CalEEMod 2016.3.2) – Modified Construction Start (2025) and Increased Earthwork - Annual

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

Ocean Breeze Ranch 2030 Operations
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	32.00	Acre	32.00	1,393,920.00	0
City Park	16.00	Acre	16.00	696,960.00	0
Single Family Housing	396.00	Dwelling Unit	264.00	712,800.00	1133

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	402.51	CH4 Intensity (lb/MW hr)	0.016	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - rps for fully operational year 2030 50% RPS

Land Use - Proposed project... Project Engineer estimated 32 acres of paving

Construction Phase - Project Construction Durations

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Trips and VMT - Project soil export and import hauling length would be from moving material onsite.

Demolition -

Grading - 945000 cf onsite earthwork haulage... 1,500' only though 0.5 mile was assumed. 312 ac with multiple passes

Architectural Coating - rule 67 paint

Vehicle Trips - per TS 396 units to generate 3,990 trips 10.08 trips per average unit. Parks would be primarily for project usage and would not generate trips per TS

Woodstoves - PDF - All fireplaces are Natural Gas

Area Coating - rule 67 paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Tier 3 with DPF

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix -

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	400.00	15.00
tblConstructionPhase	NumDays	240.00	90.00

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tblConstructionPhase	NumDays	620.00	285.00
tblConstructionPhase	NumDays	440.00	40.00
tblConstructionPhase	NumDays	6,200.00	1,488.00
tblConstructionPhase	NumDays	440.00	1,339.00
tblFireplaces	NumberGas	217.80	396.00
tblFireplaces	NumberNoFireplace	39.60	0.00
tblFireplaces	NumberWood	138.60	0.00
tblGrading	AcresOfGrading	1,567.50	1,550.00
tblGrading	AcresOfGrading	0.00	1,550.00
tblGrading	MaterialExported	0.00	347,500.00
tblGrading	MaterialExported	0.00	125,000.00
tblGrading	MaterialImported	0.00	347,500.00
tblGrading	MaterialImported	0.00	125,000.00
tblLandUse	LotAcreage	128.57	264.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	UsageHours	6.00	3.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	5.00

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tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.016
tblProjectCharacteristics	CO2IntensityFactor	720.49	402.51
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblVehicleTrips	HO_TTP	39.60	40.00
tblVehicleTrips	HS_TTP	18.80	18.00
tblVehicleTrips	HW_TTP	41.60	42.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	10.08
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	10.08
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	10.08
tblWoodstoves	NumberCatalytic	19.80	0.00
tblWoodstoves	NumberNoncatalytic	19.80	0.00

2.0 Emissions Summary

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	9.2007	120.0495	66.5979	0.1831	37.1095	3.8208	38.7423	12.0670	3.5212	14.3650	0.0000	18,198.93 63	18,198.93 63	4.9315	0.0000	18,322.22 40
2023	8.2734	104.8423	63.6088	0.2242	24.9963	3.2897	28.2860	10.8232	3.0315	13.8547	0.0000	23,058.72 40	23,058.72 40	4.8348	0.0000	23,089.86 63
2024	13.5189	37.8670	55.1640	0.2430	18.0043	0.4441	18.4484	4.8281	0.4185	5.2466	0.0000	24,943.50 84	24,943.50 84	1.2741	0.0000	24,975.36 06
2025	13.2190	36.7510	52.4227	0.2368	18.0043	0.3970	18.4013	4.8281	0.3739	5.2020	0.0000	24,327.83 91	24,327.83 91	1.2394	0.0000	24,358.82 43
2026	13.0048	36.1716	50.1681	0.2313	18.0043	0.3931	18.3974	4.8281	0.3703	5.1984	0.0000	23,788.61 52	23,788.61 52	1.2117	0.0000	23,818.90 71
2027	12.7927	35.6328	48.1727	0.2264	18.0043	0.3874	18.3916	4.8281	0.3649	5.1930	0.0000	23,312.12 88	23,312.12 88	1.1876	0.0000	23,341.81 81
2028	12.5717	35.1716	46.4709	0.2222	18.0043	0.3802	18.3845	4.8281	0.3583	5.1864	0.0000	22,896.21 33	22,896.21 33	1.1668	0.0000	22,925.38 23
2029	12.3327	34.7143	44.8469	0.2184	18.0043	0.3736	18.3779	4.8281	0.3522	5.1803	0.0000	22,526.29 38	22,526.29 38	1.1486	0.0000	22,555.00 84
Maximum	13.5189	120.0495	66.5979	0.2430	37.1095	3.8208	38.7423	12.0670	3.5212	14.3650	0.0000	24,943.50 84	24,943.50 84	4.9315	0.0000	24,975.36 06

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545
Energy	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Mobile	5.1033	20.5187	66.3105	0.2824	31.4203	0.1732	31.5935	8.3941	0.1609	8.5550		28,903.7845	28,903.7845	1.3159		28,936.6817
Total	25.4544	29.8017	102.6899	0.3410	31.4203	1.0746	32.4948	8.3941	1.0623	9.4564	0.0000	40,333.5872	40,333.5872	1.5899	0.2085	40,435.4582

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	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545
Energy	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Mobile	5.1033	20.5187	66.3105	0.2824	31.4203	0.1732	31.5935	8.3941	0.1609	8.5550		28,903.7845	28,903.7845	1.3159		28,936.6817
Total	25.4544	29.8017	102.6899	0.3410	31.4203	1.0746	32.4948	8.3941	1.0623	9.4564	0.0000	40,333.5872	40,333.5872	1.5899	0.2085	40,435.4582

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2022	3/21/2022	5	15	
2	Site Preparation	Site Preparation	3/22/2022	7/25/2022	5	90	
3	Grading	Grading	7/26/2022	8/28/2023	5	285	
4	Paving	Paving	8/29/2023	10/23/2023	5	40	
5	Building Construction	Building Construction	10/24/2023	7/5/2029	5	1488	
6	Architectural Coating	Architectural Coating	5/20/2024	7/5/2029	5	1339	

Acres of Grading (Site Preparation Phase): 1550

Acres of Grading (Grading Phase): 1550

Acres of Paving: 32

Residential Indoor: 1,443,420; Residential Outdoor: 481,140; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 83,635 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Excavators	1	5.00	158	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Bore/Drill Rigs	2	3.00	221	0.50
Grading	Crushing/Proc. Equipment	1	3.00	85	0.78
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	3	8.00	187	0.41
Grading	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
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
Building Construction	Cranes	1	3.00	231	0.29
Building Construction	Forklifts	3	4.00	89	0.20
Building Construction	Generator Sets	1	4.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	3.00	97	0.37
Building Construction	Welders	1	4.00	46	0.45
Architectural Coating	Air Compressors	1	3.00	78	0.48

Trips and VMT

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	1	3.00	0.00	68.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	31,250.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Grading	19	48.00	0.00	86,875.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,021.00	385.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	204.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

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					0.9966	0.0000	0.9966	0.1509	0.0000	0.1509			0.0000			0.0000
Off-Road	0.1265	1.1106	2.0345	3.2300e-003		0.0537	0.0537		0.0494	0.0494		312.5096	312.5096	0.1011		315.0363
Total	0.1265	1.1106	2.0345	3.2300e-003	0.9966	0.0537	1.0503	0.1509	0.0494	0.2003		312.5096	312.5096	0.1011		315.0363

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0316	1.0634	0.2825	3.4400e-003	0.0792	3.0000e-003	0.0822	0.0217	2.8700e-003	0.0246		378.3738	378.3738	0.0335		379.2121
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0136	9.1500e-003	0.1091	3.6000e-004	0.0383	2.5000e-004	0.0386	0.0102	2.3000e-004	0.0104		36.2527	36.2527	9.6000e-004		36.2768
Total	0.0452	1.0725	0.3916	3.8000e-003	0.1175	3.2500e-003	0.1208	0.0319	3.1000e-003	0.0350		414.6266	414.6266	0.0345		415.4889

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9966	0.0000	0.9966	0.1509	0.0000	0.1509			0.0000			0.0000
Off-Road	0.0794	1.5354	2.4488	3.2300e-003		0.0111	0.0111		0.0111	0.0111	0.0000	312.5096	312.5096	0.1011		315.0363
Total	0.0794	1.5354	2.4488	3.2300e-003	0.9966	0.0111	1.0078	0.1509	0.0111	0.1621	0.0000	312.5096	312.5096	0.1011		315.0363

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0316	1.0634	0.2825	3.4400e-003	0.0792	3.0000e-003	0.0822	0.0217	2.8700e-003	0.0246		378.3738	378.3738	0.0335		379.2121
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0136	9.1500e-003	0.1091	3.6000e-004	0.0383	2.5000e-004	0.0386	0.0102	2.3000e-004	0.0104		36.2527	36.2527	9.6000e-004		36.2768
Total	0.0452	1.0725	0.3916	3.8000e-003	0.1175	3.2500e-003	0.1208	0.0319	3.1000e-003	0.0350		414.6266	414.6266	0.0345		415.4889

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					36.7208	0.0000	36.7208	11.9619	0.0000	11.9619			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	36.7208	1.6126	38.3333	11.9619	1.4836	13.4455		3,686.0619	3,686.0619	1.1922		3,715.8655

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5695	32.7013	4.3327	0.0416	0.1588	0.0187	0.1776	0.0442	0.0179	0.0621		4,550.2516	4,550.2516	0.6540		4,566.6018
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0819	0.0549	0.6546	2.1800e-003	0.2299	1.4900e-003	0.2314	0.0610	1.3800e-003	0.0624		217.5164	217.5164	5.7600e-003		217.6605
Total	0.6513	32.7562	4.9873	0.0438	0.3888	0.0202	0.4090	0.1051	0.0193	0.1244		4,767.7681	4,767.7681	0.6598		4,784.2623

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					36.7208	0.0000	36.7208	11.9619	0.0000	11.9619			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.1419	0.1419		0.1419	0.1419	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	0.9312	19.0656	22.9600	0.0380	36.7208	0.1419	36.8627	11.9619	0.1419	12.1038	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5695	32.7013	4.3327	0.0416	0.1588	0.0187	0.1776	0.0442	0.0179	0.0621		4,550.2516	4,550.2516	0.6540		4,566.6018
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0819	0.0549	0.6546	2.1800e-003	0.2299	1.4900e-003	0.2314	0.0610	1.3800e-003	0.0624		217.5164	217.5164	5.7600e-003		217.6605
Total	0.6513	32.7562	4.9873	0.0438	0.3888	0.0202	0.4090	0.1051	0.0193	0.1244		4,767.7681	4,767.7681	0.6598		4,784.2623

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					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	8.4825	91.1948	61.0488	0.1408		3.8004	3.8004		3.5018	3.5018		13,624.2506	13,624.2506	4.3420		13,732.8003
Total	8.4825	91.1948	61.0488	0.1408	24.1766	3.8004	27.9770	10.6053	3.5018	14.1071		13,624.2506	13,624.2506	4.3420		13,732.8003

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4999	28.7083	3.8036	0.0365	0.2906	0.0164	0.3070	0.0759	0.0157	0.0916		3,994.6420	3,994.6420	0.5742		4,008.9957
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2183	0.1464	1.7455	5.8200e-003	0.6131	3.9800e-003	0.6171	0.1626	3.6700e-003	0.1663		580.0438	580.0438	0.0154		580.4280
Total	0.7182	28.8547	5.5492	0.0423	0.9037	0.0204	0.9241	0.2385	0.0194	0.2579		4,574.6857	4,574.6857	0.5895		4,589.4237

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	3.4426	67.5377	80.6543	0.1408		0.4266	0.4266		0.4266	0.4266	0.0000	13,624.2506	13,624.2506	4.3420		13,732.8002
Total	3.4426	67.5377	80.6543	0.1408	24.1766	0.4266	24.6031	10.6053	0.4266	11.0319	0.0000	13,624.2506	13,624.2506	4.3420		13,732.8002

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4999	28.7083	3.8036	0.0365	0.2906	0.0164	0.3070	0.0759	0.0157	0.0916		3,994.6420	3,994.6420	0.5742		4,008.9957
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2183	0.1464	1.7455	5.8200e-003	0.6131	3.9800e-003	0.6171	0.1626	3.6700e-003	0.1663		580.0438	580.0438	0.0154		580.4280
Total	0.7182	28.8547	5.5492	0.0423	0.9037	0.0204	0.9241	0.2385	0.0194	0.2579		4,574.6857	4,574.6857	0.5895		4,589.4237

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	7.7017	80.3758	58.5593	0.1408		3.2765	3.2765		3.0190	3.0190		13,624.8804	13,624.8804	4.3409		13,733.4023
Total	7.7017	80.3758	58.5593	0.1408	24.1766	3.2765	27.4530	10.6053	3.0190	13.6243		13,624.8804	13,624.8804	4.3409		13,733.4023

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3646	24.3327	3.4269	0.0351	0.2066	9.3600e-003	0.2160	0.0553	8.9500e-003	0.0642		3,852.0340	3,852.0340	0.4799		3,864.0309
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2070	0.1338	1.6225	5.5900e-003	0.6131	3.9000e-003	0.6170	0.1626	3.5900e-003	0.1662		557.8541	557.8541	0.0141		558.2060
Total	0.5717	24.4665	5.0494	0.0406	0.8197	0.0133	0.8330	0.2179	0.0125	0.2304		4,409.8881	4,409.8881	0.4940		4,422.2369

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	3.4426	67.5377	80.6543	0.1408		0.4266	0.4266		0.4266	0.4266	0.0000	13,624.8804	13,624.8804	4.3409		13,733.4023
Total	3.4426	67.5377	80.6543	0.1408	24.1766	0.4266	24.6031	10.6053	0.4266	11.0319	0.0000	13,624.8804	13,624.8804	4.3409		13,733.4023

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3646	24.3327	3.4269	0.0351	0.2066	9.3600e-003	0.2160	0.0553	8.9500e-003	0.0642		3,852.0340	3,852.0340	0.4799		3,864.0309
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2070	0.1338	1.6225	5.5900e-003	0.6131	3.9000e-003	0.6170	0.1626	3.5900e-003	0.1662		557.8541	557.8541	0.0141		558.2060
Total	0.5717	24.4665	5.0494	0.0406	0.8197	0.0133	0.8330	0.2179	0.0125	0.2304		4,409.8881	4,409.8881	0.4940		4,422.2369

3.5 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	2.0960					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1287	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.5 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0418	0.5070	1.7500e-003	0.1916	1.2200e-003	0.1928	0.0508	1.1200e-003	0.0519		174.3294	174.3294	4.4000e-003		174.4394
Total	0.0647	0.0418	0.5070	1.7500e-003	0.1916	1.2200e-003	0.1928	0.0508	1.1200e-003	0.0519		174.3294	174.3294	4.4000e-003		174.4394

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5609	11.2952	17.2957	0.0228		0.0914	0.0914		0.0914	0.0914	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	2.0960					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6569	11.2952	17.2957	0.0228		0.0914	0.0914		0.0914	0.0914	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.5 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0418	0.5070	1.7500e-003	0.1916	1.2200e-003	0.1928	0.0508	1.1200e-003	0.0519		174.3294	174.3294	4.4000e-003		174.4394
Total	0.0647	0.0418	0.5070	1.7500e-003	0.1916	1.2200e-003	0.1928	0.0508	1.1200e-003	0.0519		174.3294	174.3294	4.4000e-003		174.4394

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7360	6.6660	7.5890	0.0125		0.3257	0.3257		0.3070	0.3070		1,186.1332	1,186.1332	0.2743		1,192.9916
Total	0.7360	6.6660	7.5890	0.0125		0.3257	0.3257		0.3070	0.3070		1,186.1332	1,186.1332	0.2743		1,192.9916

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7902	28.2754	8.2360	0.0926	2.3573	0.0316	2.3889	0.6787	0.0302	0.7089		10,006.5692	10,006.5692	0.6720		10,023.3687
Worker	4.4040	2.8465	34.5121	0.1190	13.0413	0.0830	13.1243	3.4584	0.0765	3.5349		11,866.0216	11,866.0216	0.2994		11,873.5060
Total	5.1942	31.1219	42.7482	0.2116	15.3986	0.1146	15.5132	4.1371	0.1066	4.2438		21,872.5909	21,872.5909	0.9714		21,896.8746

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.1332	1,186.1332	0.2743		1,192.9916
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.1332	1,186.1332	0.2743		1,192.9916

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7902	28.2754	8.2360	0.0926	2.3573	0.0316	2.3889	0.6787	0.0302	0.7089		10,006.5692	10,006.5692	0.6720		10,023.3687
Worker	4.4040	2.8465	34.5121	0.1190	13.0413	0.0830	13.1243	3.4584	0.0765	3.5349		11,866.0216	11,866.0216	0.2994		11,873.5060
Total	5.1942	31.1219	42.7482	0.2116	15.3986	0.1146	15.5132	4.1371	0.1066	4.2438		21,872.5909	21,872.5909	0.9714		21,896.8746

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6881	6.2313	7.5533	0.0125		0.2851	0.2851		0.2686	0.2686		1,186.3427	1,186.3427	0.2726		1,193.1572
Total	0.6881	6.2313	7.5533	0.0125		0.2851	0.2851		0.2686	0.2686		1,186.3427	1,186.3427	0.2726		1,193.1572

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7616	27.8911	7.9678	0.0919	2.3573	0.0308	2.3881	0.6787	0.0294	0.7081		9,940.8157	9,940.8157	0.6632		9,957.3967
Worker	4.1902	2.6131	32.2868	0.1143	13.0413	0.0815	13.1228	3.4584	0.0750	3.5334		11,398.2156	11,398.2156	0.2753		11,405.0989
Total	4.9518	30.5042	40.2546	0.2062	15.3986	0.1122	15.5108	4.1371	0.1044	4.2415		21,339.0313	21,339.0313	0.9386		21,362.4956

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.3427	1,186.3427	0.2726		1,193.1572
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.3427	1,186.3427	0.2726		1,193.1572

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7616	27.8911	7.9678	0.0919	2.3573	0.0308	2.3881	0.6787	0.0294	0.7081		9,940.8157	9,940.8157	0.6632		9,957.3967
Worker	4.1902	2.6131	32.2868	0.1143	13.0413	0.0815	13.1228	3.4584	0.0750	3.5334		11,398.2156	11,398.2156	0.2753		11,405.0989
Total	4.9518	30.5042	40.2546	0.2062	15.3986	0.1122	15.5108	4.1371	0.1044	4.2415		21,339.0313	21,339.0313	0.9386		21,362.4956

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7386	27.4987	7.8036	0.0912	2.3573	0.0299	2.3872	0.6787	0.0285	0.7073		9,878.4080	9,878.4080	0.6557		9,894.8001
Worker	4.0041	2.4112	30.1706	0.1097	13.0413	0.0802	13.1215	3.4584	0.0738	3.5322		10,936.8120	10,936.8120	0.2544		10,943.1711
Total	4.7427	29.9099	37.9742	0.2008	15.3986	0.1101	15.5086	4.1371	0.1023	4.2395		20,815.2200	20,815.2200	0.9100		20,837.9712

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7386	27.4987	7.8036	0.0912	2.3573	0.0299	2.3872	0.6787	0.0285	0.7073		9,878.4080	9,878.4080	0.6557		9,894.8001
Worker	4.0041	2.4112	30.1706	0.1097	13.0413	0.0802	13.1215	3.4584	0.0738	3.5322		10,936.8120	10,936.8120	0.2544		10,943.1711
Total	4.7427	29.9099	37.9742	0.2008	15.3986	0.1101	15.5086	4.1371	0.1023	4.2395		20,815.2200	20,815.2200	0.9100		20,837.9712

3.6 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7195	27.1192	7.6900	0.0905	2.3573	0.0290	2.3863	0.6787	0.0277	0.7064		9,819.9429	9,819.9429	0.6485		9,836.1557
Worker	3.8415	2.2447	28.3862	0.1056	13.0413	0.0776	13.1189	3.4584	0.0715	3.5299		10,536.1143	10,536.1143	0.2372		10,542.0450
Total	4.5610	29.3639	36.0761	0.1962	15.3986	0.1067	15.5052	4.1371	0.0992	4.2363		20,356.0572	20,356.0572	0.8857		20,378.2006

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7195	27.1192	7.6900	0.0905	2.3573	0.0290	2.3863	0.6787	0.0277	0.7064		9,819.9429	9,819.9429	0.6485		9,836.1557
Worker	3.8415	2.2447	28.3862	0.1056	13.0413	0.0776	13.1189	3.4584	0.0715	3.5299		10,536.1143	10,536.1143	0.2372		10,542.0450
Total	4.5610	29.3639	36.0761	0.1962	15.3986	0.1067	15.5052	4.1371	0.0992	4.2363		20,356.0572	20,356.0572	0.8857		20,378.2006

3.6 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7033	26.7574	7.5933	0.0899	2.3573	0.0283	2.3857	0.6787	0.0271	0.7058		9,766.6693	9,766.6693	0.6423		9,782.7273
Worker	3.6782	2.0971	26.8036	0.1021	13.0413	0.0734	13.1147	3.4584	0.0675	3.5260		10,183.3793	10,183.3793	0.2223		10,188.9367
Total	4.3816	28.8545	34.3969	0.1920	15.3986	0.1017	15.5003	4.1371	0.0946	4.2317		19,950.0487	19,950.0487	0.8646		19,971.6641

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7033	26.7574	7.5933	0.0899	2.3573	0.0283	2.3857	0.6787	0.0271	0.7058		9,766.6693	9,766.6693	0.6423		9,782.7273
Worker	3.6782	2.0971	26.8036	0.1021	13.0413	0.0734	13.1147	3.4584	0.0675	3.5260		10,183.3793	10,183.3793	0.2223		10,188.9367
Total	4.3816	28.8545	34.3969	0.1920	15.3986	0.1017	15.5003	4.1371	0.0946	4.2317		19,950.0487	19,950.0487	0.8646		19,971.6641

3.6 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6907	26.4528	7.5442	0.0894	2.3573	0.0278	2.3851	0.6787	0.0265	0.7052		9,721.807 1	9,721.807 1	0.6367		9,737.723 9
Worker	3.5045	1.9666	25.4262	0.0990	13.0413	0.0679	13.1092	3.4584	0.0625	3.5209		9,874.117 8	9,874.117 8	0.2097		9,879.359 2
Total	4.1952	28.4194	32.9704	0.1884	15.3986	0.0957	15.4943	4.1371	0.0890	4.2261		19,595.92 49	19,595.92 49	0.8463		19,617.08 31

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.675 1	1,186.675 1	0.2709		1,193.446 6
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.675 1	1,186.675 1	0.2709		1,193.446 6

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6907	26.4528	7.5442	0.0894	2.3573	0.0278	2.3851	0.6787	0.0265	0.7052		9,721.807 1	9,721.807 1	0.6367		9,737.723 9
Worker	3.5045	1.9666	25.4262	0.0990	13.0413	0.0679	13.1092	3.4584	0.0625	3.5209		9,874.117 8	9,874.117 8	0.2097		9,879.359 2
Total	4.1952	28.4194	32.9704	0.1884	15.3986	0.0957	15.4943	4.1371	0.0890	4.2261		19,595.92 49	19,595.92 49	0.8463		19,617.08 31

3.6 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.675 1	1,186.675 1	0.2709		1,193.446 6
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.675 1	1,186.675 1	0.2709		1,193.446 6

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6786	26.1397	7.4890	0.0889	2.3573	0.0271	2.3844	0.6787	0.0259	0.7046		9,677.797 1	9,677.797 1	0.6325		9,693.610 3
Worker	3.3154	1.8464	24.1186	0.0962	13.0413	0.0630	13.1043	3.4584	0.0579	3.5164		9,602.482 2	9,602.482 2	0.1980		9,607.431 3
Total	3.9940	27.9861	31.6076	0.1852	15.3986	0.0901	15.4887	4.1371	0.0838	4.2210		19,280.27 93	19,280.27 93	0.8305		19,301.04 16

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.675 1	1,186.675 1	0.2709		1,193.446 6
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.675 1	1,186.675 1	0.2709		1,193.446 6

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.6 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6786	26.1397	7.4890	0.0889	2.3573	0.0271	2.3844	0.6787	0.0259	0.7046		9,677.797 1	9,677.797 1	0.6325		9,693.610 3
Worker	3.3154	1.8464	24.1186	0.0962	13.0413	0.0630	13.1043	3.4584	0.0579	3.5164		9,602.482 2	9,602.482 2	0.1980		9,607.431 3
Total	3.9940	27.9861	31.6076	0.1852	15.3986	0.0901	15.4887	4.1371	0.0838	4.2210		19,280.27 93	19,280.27 93	0.8305		19,301.04 16

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	lb/day										lb/day					
Archit. Coating	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0904	0.6094	0.9051	1.4900e-003		0.0305	0.0305		0.0305	0.0305		140.7240	140.7240	7.9200e-003		140.9221
Total	7.0418	0.6094	0.9051	1.4900e-003		0.0305	0.0305		0.0305	0.0305		140.7240	140.7240	7.9200e-003		140.9221

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8372	0.5221	6.4510	0.0228	2.6057	0.0163	2.6220	0.6910	0.0150	0.7060		2,277.410 4	2,277.410 4	0.0550		2,278.785 7
Total	0.8372	0.5221	6.4510	0.0228	2.6057	0.0163	2.6220	0.6910	0.0150	0.7060		2,277.410 4	2,277.410 4	0.0550		2,278.785 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.9200e-003		140.9221
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.9200e-003		140.9221

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8372	0.5221	6.4510	0.0228	2.6057	0.0163	2.6220	0.6910	0.0150	0.7060		2,277.410 4	2,277.410 4	0.0550		2,278.785 7
Total	0.8372	0.5221	6.4510	0.0228	2.6057	0.0163	2.6220	0.6910	0.0150	0.7060		2,277.410 4	2,277.410 4	0.0550		2,278.785 7

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	lb/day										lb/day					
Archit. Coating	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8000	0.4818	6.0282	0.0219	2.6057	0.0160	2.6217	0.6910	0.0148	0.7058		2,185.2200	2,185.2200	0.0508		2,186.4906
Total	0.8000	0.4818	6.0282	0.0219	2.6057	0.0160	2.6217	0.6910	0.0148	0.7058		2,185.2200	2,185.2200	0.0508		2,186.4906

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8000	0.4818	6.0282	0.0219	2.6057	0.0160	2.6217	0.6910	0.0148	0.7058		2,185.2200	2,185.2200	0.0508		2,186.4906
Total	0.8000	0.4818	6.0282	0.0219	2.6057	0.0160	2.6217	0.6910	0.0148	0.7058		2,185.2200	2,185.2200	0.0508		2,186.4906

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	lb/day										lb/day					
Archit. Coating	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7676	0.4485	5.6717	0.0211	2.6057	0.0155	2.6212	0.6910	0.0143	0.7053		2,105.1590	2,105.1590	0.0474		2,106.3440
Total	0.7676	0.4485	5.6717	0.0211	2.6057	0.0155	2.6212	0.6910	0.0143	0.7053		2,105.1590	2,105.1590	0.0474		2,106.3440

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7676	0.4485	5.6717	0.0211	2.6057	0.0155	2.6212	0.6910	0.0143	0.7053		2,105.1590	2,105.1590	0.0474		2,106.3440
Total	0.7676	0.4485	5.6717	0.0211	2.6057	0.0155	2.6212	0.6910	0.0143	0.7053		2,105.1590	2,105.1590	0.0474		2,106.3440

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7349	0.4190	5.3555	0.0204	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		2,034.681 1	2,034.681 1	0.0444		2,035.791 5
Total	0.7349	0.4190	5.3555	0.0204	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		2,034.681 1	2,034.681 1	0.0444		2,035.791 5

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7349	0.4190	5.3555	0.0204	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		2,034.681 1	2,034.681 1	0.0444		2,035.791 5
Total	0.7349	0.4190	5.3555	0.0204	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		2,034.681 1	2,034.681 1	0.0444		2,035.791 5

3.7 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7002	0.3929	5.0803	0.0198	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,972.889 4	1,972.889 4	0.0419		1,973.936 6
Total	0.7002	0.3929	5.0803	0.0198	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,972.889 4	1,972.889 4	0.0419		1,973.936 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					
Archit. Coating	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7002	0.3929	5.0803	0.0198	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,972.8894	1,972.8894	0.0419		1,973.9366
Total	0.7002	0.3929	5.0803	0.0198	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,972.8894	1,972.8894	0.0419		1,973.9366

3.7 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6624	0.3689	4.8190	0.0192	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,918.615 4	1,918.615 4	0.0396		1,919.604 3
Total	0.6624	0.3689	4.8190	0.0192	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,918.615 4	1,918.615 4	0.0396		1,919.604 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					
Archit. Coating	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

3.7 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6624	0.3689	4.8190	0.0192	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,918.615 4	1,918.615 4	0.0396		1,919.604 3
Total	0.6624	0.3689	4.8190	0.0192	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,918.615 4	1,918.615 4	0.0396		1,919.604 3

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.1033	20.5187	66.3105	0.2824	31.4203	0.1732	31.5935	8.3941	0.1609	8.5550		28,903.78 45	28,903.78 45	1.3159		28,936.68 17
Unmitigated	5.1033	20.5187	66.3105	0.2824	31.4203	0.1732	31.5935	8.3941	0.1609	8.5550		28,903.78 45	28,903.78 45	1.3159		28,936.68 17

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012
Total	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012

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
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.00	18.00	40.00	86	11	3

4.4 Fleet Mix

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Other Asphalt Surfaces	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

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	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
NaturalGas Unmitigated	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25373.2	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Total		0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25.3732	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Total		0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220

6.0 Area Detail

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

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	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545
Unmitigated	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.7836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.7687	6.5689	2.7953	0.0419		0.5311	0.5311		0.5311	0.5311	0.0000	8,385.8824	8,385.8824	0.1607	0.1537	8,435.7155
Landscaping	0.9751	0.3757	32.5890	1.7300e-003		0.1812	0.1812		0.1812	0.1812		58.8372	58.8372	0.0561		60.2391
Total	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.7836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.7687	6.5689	2.7953	0.0419		0.5311	0.5311		0.5311	0.5311	0.0000	8,385.8824	8,385.8824	0.1607	0.1537	8,435.7155
Landscaping	0.9751	0.3757	32.5890	1.7300e-003		0.1812	0.1812		0.1812	0.1812		58.8372	58.8372	0.0561		60.2391
Total	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545

7.0 Water Detail

7.1 Mitigation Measures Water

- Apply Water Conservation Strategy
- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

Ocean Breeze Ranch 2030 Operations - San Diego County, Summer

Institute Recycling and Composting Services

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

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

Ocean Breeze Ranch 2030 Operations
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	32.00	Acre	32.00	1,393,920.00	0
City Park	16.00	Acre	16.00	696,960.00	0
Single Family Housing	396.00	Dwelling Unit	264.00	712,800.00	1133

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	402.51	CH4 Intensity (lb/MW hr)	0.016	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

Project Characteristics - rps for fully operational year 2030 50% RPS

Land Use - Proposed project... Project Engineer estimated 32 acres of paving

Construction Phase - Project Construction Durations

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Trips and VMT - Project soil export and import hauling length would be from moving material onsite.

Demolition -

Grading - 945000 cf onsite earthwork haulage... 1,500' only though 0.5 mile was assumed. 312 ac with multiple passes

Architectural Coating - rule 67 paint

Vehicle Trips - per TS 396 units to generate 3,990 trips 10.08 trips per average unit. Parks would be primarily for project usage and would not generate trips per TS

Woodstoves - PDF - All fireplaces are Natural Gas

Area Coating - rule 67 paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Tier 3 with DPF

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix -

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
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tblConstEquipMitigation	DPF	No Change	Level 3
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tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	400.00	15.00
tblConstructionPhase	NumDays	240.00	90.00

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

tblConstructionPhase	NumDays	620.00	285.00
tblConstructionPhase	NumDays	440.00	40.00
tblConstructionPhase	NumDays	6,200.00	1,488.00
tblConstructionPhase	NumDays	440.00	1,339.00
tblFireplaces	NumberGas	217.80	396.00
tblFireplaces	NumberNoFireplace	39.60	0.00
tblFireplaces	NumberWood	138.60	0.00
tblGrading	AcresOfGrading	1,567.50	1,550.00
tblGrading	AcresOfGrading	0.00	1,550.00
tblGrading	MaterialExported	0.00	347,500.00
tblGrading	MaterialExported	0.00	125,000.00
tblGrading	MaterialImported	0.00	347,500.00
tblGrading	MaterialImported	0.00	125,000.00
tblLandUse	LotAcreage	128.57	264.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	UsageHours	6.00	3.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	5.00

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.016
tblProjectCharacteristics	CO2IntensityFactor	720.49	402.51
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblVehicleTrips	HO_TTP	39.60	40.00
tblVehicleTrips	HS_TTP	18.80	18.00
tblVehicleTrips	HW_TTP	41.60	42.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	10.08
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	10.08
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	10.08
tblWoodstoves	NumberCatalytic	19.80	0.00
tblWoodstoves	NumberNoncatalytic	19.80	0.00

2.0 Emissions Summary

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	9.2971	119.0727	67.7348	0.1787	37.1095	3.8254	38.7475	12.0670	3.5256	14.3694	0.0000	17,719.2009	17,719.2009	5.0021	0.0000	17,844.2532
2023	8.3517	104.1249	64.4307	0.2143	24.9963	3.2927	28.2890	10.8232	3.0344	13.8576	0.0000	22,048.7935	22,048.7935	4.8924	0.0000	22,080.4122
2024	14.4275	38.0866	52.7393	0.2321	18.0043	0.4458	18.4501	4.8281	0.4201	5.2482	0.0000	23,826.3306	23,826.3306	1.2891	0.0000	23,858.5593
2025	14.1040	36.9428	50.1557	0.2262	18.0043	0.3985	18.4028	4.8281	0.3753	5.2034	0.0000	23,248.6549	23,248.6549	1.2543	0.0000	23,280.0123
2026	13.8700	36.3407	48.0337	0.2210	18.0043	0.3944	18.3987	4.8281	0.3715	5.1996	0.0000	22,742.4435	22,742.4435	1.2262	0.0000	22,773.0991
2027	13.6348	35.7803	46.1575	0.2165	18.0043	0.3885	18.3928	4.8281	0.3660	5.1941	0.0000	22,294.4839	22,294.4839	1.2019	0.0000	22,324.5300
2028	13.3838	35.3018	44.5632	0.2125	18.0043	0.3812	18.3855	4.8281	0.3593	5.1874	0.0000	21,903.5606	21,903.5606	1.1807	0.0000	21,933.0778
2029	13.1094	34.8284	43.0370	0.2089	18.0043	0.3745	18.3788	4.8281	0.3531	5.1812	0.0000	21,555.6849	21,555.6849	1.1623	0.0000	21,584.7420
Maximum	14.4275	119.0727	67.7348	0.2321	37.1095	3.8254	38.7475	12.0670	3.5256	14.3694	0.0000	23,826.3306	23,826.3306	5.0021	0.0000	23,858.5593

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545
Energy	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Mobile	4.9410	21.0655	63.9601	0.2685	31.4203	0.1736	31.5939	8.3941	0.1613	8.5554		27,496.1489	27,496.1489	1.3146		27,529.0147
Total	25.2921	30.3484	100.3395	0.3270	31.4203	1.0750	32.4952	8.3941	1.0627	9.4568	0.0000	38,925.9515	38,925.9515	1.5886	0.2085	39,027.7912

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	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545
Energy	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Mobile	4.9410	21.0655	63.9601	0.2685	31.4203	0.1736	31.5939	8.3941	0.1613	8.5554		27,496.1489	27,496.1489	1.3146		27,529.0147
Total	25.2921	30.3484	100.3395	0.3270	31.4203	1.0750	32.4952	8.3941	1.0627	9.4568	0.0000	38,925.9515	38,925.9515	1.5886	0.2085	39,027.7912

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2022	3/21/2022	5	15	
2	Site Preparation	Site Preparation	3/22/2022	7/25/2022	5	90	
3	Grading	Grading	7/26/2022	8/28/2023	5	285	
4	Paving	Paving	8/29/2023	10/23/2023	5	40	
5	Building Construction	Building Construction	10/24/2023	7/5/2029	5	1488	
6	Architectural Coating	Architectural Coating	5/20/2024	7/5/2029	5	1339	

Acres of Grading (Site Preparation Phase): 1550

Acres of Grading (Grading Phase): 1550

Acres of Paving: 32

Residential Indoor: 1,443,420; Residential Outdoor: 481,140; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 83,635 (Architectural Coating – sqft)

OffRoad Equipment

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Excavators	1	5.00	158	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Bore/Drill Rigs	2	3.00	221	0.50
Grading	Crushing/Proc. Equipment	1	3.00	85	0.78
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	3	8.00	187	0.41
Grading	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
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
Building Construction	Cranes	1	3.00	231	0.29
Building Construction	Forklifts	3	4.00	89	0.20
Building Construction	Generator Sets	1	4.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	3.00	97	0.37
Building Construction	Welders	1	4.00	46	0.45
Architectural Coating	Air Compressors	1	3.00	78	0.48

Trips and VMT

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	1	3.00	0.00	68.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	31,250.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Grading	19	48.00	0.00	86,875.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,021.00	385.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	204.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

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					0.9966	0.0000	0.9966	0.1509	0.0000	0.1509			0.0000			0.0000
Off-Road	0.1265	1.1106	2.0345	3.2300e-003		0.0537	0.0537		0.0494	0.0494		312.5096	312.5096	0.1011		315.0363
Total	0.1265	1.1106	2.0345	3.2300e-003	0.9966	0.0537	1.0503	0.1509	0.0494	0.2003		312.5096	312.5096	0.1011		315.0363

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0325	1.0714	0.2995	3.3800e-003	0.0792	3.0700e-003	0.0823	0.0217	2.9400e-003	0.0247		371.7709	371.7709	0.0346		372.6355
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0159	0.0103	0.1003	3.4000e-004	0.0383	2.5000e-004	0.0386	0.0102	2.3000e-004	0.0104		34.0185	34.0185	9.0000e-004		34.0409
Total	0.0484	1.0816	0.3998	3.7200e-003	0.1175	3.3200e-003	0.1209	0.0319	3.1700e-003	0.0350		405.7893	405.7893	0.0355		406.6764

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9966	0.0000	0.9966	0.1509	0.0000	0.1509			0.0000			0.0000
Off-Road	0.0794	1.5354	2.4488	3.2300e-003		0.0111	0.0111		0.0111	0.0111	0.0000	312.5096	312.5096	0.1011		315.0363
Total	0.0794	1.5354	2.4488	3.2300e-003	0.9966	0.0111	1.0078	0.1509	0.0111	0.1621	0.0000	312.5096	312.5096	0.1011		315.0363

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0325	1.0714	0.2995	3.3800e-003	0.0792	3.0700e-003	0.0823	0.0217	2.9400e-003	0.0247		371.7709	371.7709	0.0346		372.6355
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0159	0.0103	0.1003	3.4000e-004	0.0383	2.5000e-004	0.0386	0.0102	2.3000e-004	0.0104		34.0185	34.0185	9.0000e-004		34.0409
Total	0.0484	1.0816	0.3998	3.7200e-003	0.1175	3.3200e-003	0.1209	0.0319	3.1700e-003	0.0350		405.7893	405.7893	0.0355		406.6764

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					36.7208	0.0000	36.7208	11.9619	0.0000	11.9619			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	36.7208	1.6126	38.3333	11.9619	1.4836	13.4455		3,686.0619	3,686.0619	1.1922		3,715.8655

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6384	31.5684	5.7881	0.0370	0.1588	0.0239	0.1828	0.0442	0.0229	0.0671		4,044.5106	4,044.5106	0.7356		4,062.8993
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0953	0.0616	0.6018	2.0500e-003	0.2299	1.4900e-003	0.2314	0.0610	1.3800e-003	0.0624		204.1109	204.1109	5.3900e-003		204.2457
Total	0.7337	31.6300	6.3899	0.0390	0.3888	0.0254	0.4142	0.1051	0.0243	0.1294		4,248.6215	4,248.6215	0.7409		4,267.1449

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					36.7208	0.0000	36.7208	11.9619	0.0000	11.9619			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.1419	0.1419		0.1419	0.1419	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	0.9312	19.0656	22.9600	0.0380	36.7208	0.1419	36.8627	11.9619	0.1419	12.1038	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6384	31.5684	5.7881	0.0370	0.1588	0.0239	0.1828	0.0442	0.0229	0.0671		4,044.5106	4,044.5106	0.7356		4,062.8993
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0953	0.0616	0.6018	2.0500e-003	0.2299	1.4900e-003	0.2314	0.0610	1.3800e-003	0.0624		204.1109	204.1109	5.3900e-003		204.2457
Total	0.7337	31.6300	6.3899	0.0390	0.3888	0.0254	0.4142	0.1051	0.0243	0.1294		4,248.6215	4,248.6215	0.7409		4,267.1449

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					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	8.4825	91.1948	61.0488	0.1408		3.8004	3.8004		3.5018	3.5018		13,624.2506	13,624.2506	4.3420		13,732.8003
Total	8.4825	91.1948	61.0488	0.1408	24.1766	3.8004	27.9770	10.6053	3.5018	14.1071		13,624.2506	13,624.2506	4.3420		13,732.8003

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5604	27.7137	5.0813	0.0325	0.2906	0.0210	0.3116	0.0759	0.0201	0.0960		3,550.6546	3,550.6546	0.6457		3,566.7979
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2542	0.1642	1.6048	5.4600e-003	0.6131	3.9800e-003	0.6171	0.1626	3.6700e-003	0.1663		544.2958	544.2958	0.0144		544.6551
Total	0.8146	27.8780	6.6861	0.0379	0.9037	0.0250	0.9287	0.2385	0.0238	0.2622		4,094.9504	4,094.9504	0.6601		4,111.4530

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	3.4426	67.5377	80.6543	0.1408		0.4266	0.4266		0.4266	0.4266	0.0000	13,624.2506	13,624.2506	4.3420		13,732.8002
Total	3.4426	67.5377	80.6543	0.1408	24.1766	0.4266	24.6031	10.6053	0.4266	11.0319	0.0000	13,624.2506	13,624.2506	4.3420		13,732.8002

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5604	27.7137	5.0813	0.0325	0.2906	0.0210	0.3116	0.0759	0.0201	0.0960		3,550.6546	3,550.6546	0.6457		3,566.7979
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2542	0.1642	1.6048	5.4600e-003	0.6131	3.9800e-003	0.6171	0.1626	3.6700e-003	0.1663		544.2958	544.2958	0.0144		544.6551
Total	0.8146	27.8780	6.6861	0.0379	0.9037	0.0250	0.9287	0.2385	0.0238	0.2622		4,094.9504	4,094.9504	0.6601		4,111.4530

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	7.7017	80.3758	58.5593	0.1408		3.2765	3.2765		3.0190	3.0190		13,624.8804	13,624.8804	4.3409		13,733.4023
Total	7.7017	80.3758	58.5593	0.1408	24.1766	3.2765	27.4530	10.6053	3.0190	13.6243		13,624.8804	13,624.8804	4.3409		13,733.4023

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4081	23.5990	4.3827	0.0312	0.2066	0.0124	0.2190	0.0553	0.0118	0.0671		3,423.8068	3,423.8068	0.5384		3,437.2660
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2419	0.1501	1.4887	5.2500e-003	0.6131	3.9000e-003	0.6170	0.1626	3.5900e-003	0.1662		523.4928	523.4928	0.0131		523.8214
Total	0.6499	23.7491	5.8714	0.0364	0.8197	0.0163	0.8360	0.2179	0.0154	0.2333		3,947.2996	3,947.2996	0.5515		3,961.0874

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	3.4426	67.5377	80.6543	0.1408		0.4266	0.4266		0.4266	0.4266	0.0000	13,624.8804	13,624.8804	4.3409		13,733.4023
Total	3.4426	67.5377	80.6543	0.1408	24.1766	0.4266	24.6031	10.6053	0.4266	11.0319	0.0000	13,624.8804	13,624.8804	4.3409		13,733.4023

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4081	23.5990	4.3827	0.0312	0.2066	0.0124	0.2190	0.0553	0.0118	0.0671		3,423.8068	3,423.8068	0.5384		3,437.2660
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2419	0.1501	1.4887	5.2500e-003	0.6131	3.9000e-003	0.6170	0.1626	3.5900e-003	0.1662		523.4928	523.4928	0.0131		523.8214
Total	0.6499	23.7491	5.8714	0.0364	0.8197	0.0163	0.8360	0.2179	0.0154	0.2333		3,947.2996	3,947.2996	0.5515		3,961.0874

3.5 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	2.0960					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.1287	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.5 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0756	0.0469	0.4652	1.6400e-003	0.1916	1.2200e-003	0.1928	0.0508	1.1200e-003	0.0519		163.5915	163.5915	4.1100e-003		163.6942
Total	0.0756	0.0469	0.4652	1.6400e-003	0.1916	1.2200e-003	0.1928	0.0508	1.1200e-003	0.0519		163.5915	163.5915	4.1100e-003		163.6942

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5609	11.2952	17.2957	0.0228		0.0914	0.0914		0.0914	0.0914	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	2.0960					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6569	11.2952	17.2957	0.0228		0.0914	0.0914		0.0914	0.0914	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.5 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0756	0.0469	0.4652	1.6400e-003	0.1916	1.2200e-003	0.1928	0.0508	1.1200e-003	0.0519		163.5915	163.5915	4.1100e-003		163.6942
Total	0.0756	0.0469	0.4652	1.6400e-003	0.1916	1.2200e-003	0.1928	0.0508	1.1200e-003	0.0519		163.5915	163.5915	4.1100e-003		163.6942

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7360	6.6660	7.5890	0.0125		0.3257	0.3257		0.3070	0.3070		1,186.1332	1,186.1332	0.2743		1,192.9916
Total	0.7360	6.6660	7.5890	0.0125		0.3257	0.3257		0.3070	0.3070		1,186.1332	1,186.1332	0.2743		1,192.9916

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8359	28.1131	9.0870	0.0901	2.3573	0.0335	2.3908	0.6787	0.0320	0.7107		9,727.5325	9,727.5325	0.7108		9,745.3031
Worker	5.1446	3.1916	31.6655	0.1117	13.0413	0.0830	13.1243	3.4584	0.0765	3.5349		11,135.1279	11,135.1279	0.2796		11,142.1174
Total	5.9805	31.3047	40.7525	0.2018	15.3986	0.1165	15.5151	4.1371	0.1085	4.2456		20,862.6604	20,862.6604	0.9904		20,887.4205

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.1332	1,186.1332	0.2743		1,192.9916
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.1332	1,186.1332	0.2743		1,192.9916

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8359	28.1131	9.0870	0.0901	2.3573	0.0335	2.3908	0.6787	0.0320	0.7107		9,727.5325	9,727.5325	0.7108		9,745.3031
Worker	5.1446	3.1916	31.6655	0.1117	13.0413	0.0830	13.1243	3.4584	0.0765	3.5349		11,135.1279	11,135.1279	0.2796		11,142.1174
Total	5.9805	31.3047	40.7525	0.2018	15.3986	0.1165	15.5151	4.1371	0.1085	4.2456		20,862.6604	20,862.6604	0.9904		20,887.4205

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6881	6.2313	7.5533	0.0125		0.2851	0.2851		0.2686	0.2686		1,186.3427	1,186.3427	0.2726		1,193.1572
Total	0.6881	6.2313	7.5533	0.0125		0.2851	0.2851		0.2686	0.2686		1,186.3427	1,186.3427	0.2726		1,193.1572

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8051	27.7315	8.7863	0.0894	2.3573	0.0325	2.3898	0.6787	0.0310	0.7097		9,665.511 2	9,665.511 2	0.7005		9,683.023 0
Worker	4.9112	2.9291	29.5836	0.1072	13.0413	0.0815	13.1228	3.4584	0.0750	3.5334		10,696.53 99	10,696.53 99	0.2569		10,702.96 12
Total	5.7163	30.6607	38.3700	0.1966	15.3986	0.1139	15.5125	4.1371	0.1060	4.2432		20,362.05 11	20,362.05 11	0.9573		20,385.98 43

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.342 7	1,186.342 7	0.2726		1,193.157 2
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.342 7	1,186.342 7	0.2726		1,193.157 2

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8051	27.7315	8.7863	0.0894	2.3573	0.0325	2.3898	0.6787	0.0310	0.7097		9,665.511 2	9,665.511 2	0.7005		9,683.023 0
Worker	4.9112	2.9291	29.5836	0.1072	13.0413	0.0815	13.1228	3.4584	0.0750	3.5334		10,696.53 99	10,696.53 99	0.2569		10,702.96 12
Total	5.7163	30.6607	38.3700	0.1966	15.3986	0.1139	15.5125	4.1371	0.1060	4.2432		20,362.05 11	20,362.05 11	0.9573		20,385.98 43

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.675 1	1,186.675 1	0.2709		1,193.446 6
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.675 1	1,186.675 1	0.2709		1,193.446 6

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7805	27.3414	8.5976	0.0887	2.3573	0.0313	2.3887	0.6787	0.0300	0.7087		9,606.5480	9,606.5480	0.6913		9,623.8303
Worker	4.7069	2.7022	27.6193	0.1029	13.0413	0.0802	13.1215	3.4584	0.0738	3.5322		10,263.9320	10,263.9320	0.2371		10,269.8594
Total	5.4873	30.0436	36.2169	0.1916	15.3986	0.1115	15.5101	4.1371	0.1038	4.2409		19,870.4800	19,870.4800	0.9284		19,893.6896

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7805	27.3414	8.5976	0.0887	2.3573	0.0313	2.3887	0.6787	0.0300	0.7087		9,606.5480	9,606.5480	0.6913		9,623.8303
Worker	4.7069	2.7022	27.6193	0.1029	13.0413	0.0802	13.1215	3.4584	0.0738	3.5322		10,263.9320	10,263.9320	0.2371		10,269.8594
Total	5.4873	30.0436	36.2169	0.1916	15.3986	0.1115	15.5101	4.1371	0.1038	4.2409		19,870.4800	19,870.4800	0.9284		19,893.6896

3.6 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7598	26.9638	8.4643	0.0881	2.3573	0.0303	2.3876	0.6787	0.0290	0.7077		9,551.3987	9,551.3987	0.6826		9,568.4637
Worker	4.5291	2.5151	25.9619	0.0991	13.0413	0.0776	13.1189	3.4584	0.0715	3.5299		9,887.9855	9,887.9855	0.2209		9,893.5091
Total	5.2889	29.4789	34.4261	0.1872	15.3986	0.1079	15.5065	4.1371	0.1004	4.2375		19,439.3842	19,439.3842	0.9035		19,461.9728

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7598	26.9638	8.4643	0.0881	2.3573	0.0303	2.3876	0.6787	0.0290	0.7077		9,551.3987	9,551.3987	0.6826		9,568.4637
Worker	4.5291	2.5151	25.9619	0.0991	13.0413	0.0776	13.1189	3.4584	0.0715	3.5299		9,887.9855	9,887.9855	0.2209		9,893.5091
Total	5.2889	29.4789	34.4261	0.1872	15.3986	0.1079	15.5065	4.1371	0.1004	4.2375		19,439.3842	19,439.3842	0.9035		19,461.9728

3.6 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7425	26.6023	8.3518	0.0875	2.3573	0.0295	2.3868	0.6787	0.0282	0.7069		9,500.8699	9,500.8699	0.6751		9,517.7472
Worker	4.3474	2.3493	24.4918	0.0958	13.0413	0.0734	13.1147	3.4584	0.0675	3.5260		9,556.7391	9,556.7391	0.2069		9,561.9111
Total	5.0899	28.9516	32.8436	0.1833	15.3986	0.1029	15.5015	4.1371	0.0957	4.2328		19,057.6090	19,057.6090	0.8820		19,079.6583

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7425	26.6023	8.3518	0.0875	2.3573	0.0295	2.3868	0.6787	0.0282	0.7069		9,500.8699	9,500.8699	0.6751		9,517.7472
Worker	4.3474	2.3493	24.4918	0.0958	13.0413	0.0734	13.1147	3.4584	0.0675	3.5260		9,556.7391	9,556.7391	0.2069		9,561.9111
Total	5.0899	28.9516	32.8436	0.1833	15.3986	0.1029	15.5015	4.1371	0.0957	4.2328		19,057.6090	19,057.6090	0.8820		19,079.6583

3.6 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7289	26.2999	8.2907	0.0871	2.3573	0.0288	2.3861	0.6787	0.0275	0.7062		9,458.6117	9,458.6117	0.6682		9,475.3163
Worker	4.1496	2.2026	23.2139	0.0929	13.0413	0.0679	13.1092	3.4584	0.0625	3.5209		9,266.1375	9,266.1375	0.1950		9,271.0126
Total	4.8785	28.5025	31.5046	0.1799	15.3986	0.0967	15.4953	4.1371	0.0900	4.2271		18,724.7492	18,724.7492	0.8632		18,746.3288

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7289	26.2999	8.2907	0.0871	2.3573	0.0288	2.3861	0.6787	0.0275	0.7062		9,458.6117	9,458.6117	0.6682		9,475.3163
Worker	4.1496	2.2026	23.2139	0.0929	13.0413	0.0679	13.1092	3.4584	0.0625	3.5209		9,266.1375	9,266.1375	0.1950		9,271.0126
Total	4.8785	28.5025	31.5046	0.1799	15.3986	0.0967	15.4953	4.1371	0.0900	4.2271		18,724.7492	18,724.7492	0.8632		18,746.3288

3.6 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7159	25.9887	8.2235	0.0866	2.3573	0.0280	2.3853	0.6787	0.0267	0.7054		9,417.2173	9,417.2173	0.6630		9,433.7921
Worker	3.9318	2.0674	21.9979	0.0903	13.0413	0.0630	13.1043	3.4584	0.0579	3.5164		9,010.6947	9,010.6947	0.1840		9,015.2945
Total	4.6476	28.0560	30.2214	0.1769	15.3986	0.0910	15.4895	4.1371	0.0847	4.2218		18,427.9120	18,427.9120	0.8470		18,449.0865

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.6 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7159	25.9887	8.2235	0.0866	2.3573	0.0280	2.3853	0.6787	0.0267	0.7054		9,417.2173	9,417.2173	0.6630		9,433.7921
Worker	3.9318	2.0674	21.9979	0.0903	13.0413	0.0630	13.1043	3.4584	0.0579	3.5164		9,010.6947	9,010.6947	0.1840		9,015.2945
Total	4.6476	28.0560	30.2214	0.1769	15.3986	0.0910	15.4895	4.1371	0.0847	4.2218		18,427.9120	18,427.9120	0.8470		18,449.0865

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	lb/day										lb/day					
Archit. Coating	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0904	0.6094	0.9051	1.4900e-003		0.0305	0.0305		0.0305	0.0305		140.7240	140.7240	7.9200e-003		140.9221
Total	7.0418	0.6094	0.9051	1.4900e-003		0.0305	0.0305		0.0305	0.0305		140.7240	140.7240	7.9200e-003		140.9221

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9813	0.5853	5.9109	0.0214	2.6057	0.0163	2.6220	0.6910	0.0150	0.7060		2,137.2127	2,137.2127	0.0513		2,138.4957
Total	0.9813	0.5853	5.9109	0.0214	2.6057	0.0163	2.6220	0.6910	0.0150	0.7060		2,137.2127	2,137.2127	0.0513		2,138.4957

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.9200e-003		140.9221
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.9200e-003		140.9221

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9813	0.5853	5.9109	0.0214	2.6057	0.0163	2.6220	0.6910	0.0150	0.7060		2,137.2127	2,137.2127	0.0513		2,138.4957
Total	0.9813	0.5853	5.9109	0.0214	2.6057	0.0163	2.6220	0.6910	0.0150	0.7060		2,137.2127	2,137.2127	0.0513		2,138.4957

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	lb/day										lb/day					
Archit. Coating	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9405	0.5399	5.5185	0.0206	2.6057	0.0160	2.6217	0.6910	0.0148	0.7058		2,050.7758	2,050.7758	0.0474		2,051.9602
Total	0.9405	0.5399	5.5185	0.0206	2.6057	0.0160	2.6217	0.6910	0.0148	0.7058		2,050.7758	2,050.7758	0.0474		2,051.9602

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9405	0.5399	5.5185	0.0206	2.6057	0.0160	2.6217	0.6910	0.0148	0.7058		2,050.7758	2,050.7758	0.0474		2,051.9602
Total	0.9405	0.5399	5.5185	0.0206	2.6057	0.0160	2.6217	0.6910	0.0148	0.7058		2,050.7758	2,050.7758	0.0474		2,051.9602

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	lb/day										lb/day					
Archit. Coating	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9049	0.5025	5.1873	0.0198	2.6057	0.0155	2.6212	0.6910	0.0143	0.7053		1,975.660 2	1,975.660 2	0.0442		1,976.763 8
Total	0.9049	0.5025	5.1873	0.0198	2.6057	0.0155	2.6212	0.6910	0.0143	0.7053		1,975.660 2	1,975.660 2	0.0442		1,976.763 8

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9049	0.5025	5.1873	0.0198	2.6057	0.0155	2.6212	0.6910	0.0143	0.7053		1,975.660 2	1,975.660 2	0.0442		1,976.763 8
Total	0.9049	0.5025	5.1873	0.0198	2.6057	0.0155	2.6212	0.6910	0.0143	0.7053		1,975.660 2	1,975.660 2	0.0442		1,976.763 8

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8686	0.4694	4.8936	0.0191	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		1,909.4758	1,909.4758	0.0413		1,910.5092
Total	0.8686	0.4694	4.8936	0.0191	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		1,909.4758	1,909.4758	0.0413		1,910.5092

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8686	0.4694	4.8936	0.0191	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		1,909.4758	1,909.4758	0.0413		1,910.5092
Total	0.8686	0.4694	4.8936	0.0191	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		1,909.4758	1,909.4758	0.0413		1,910.5092

3.7 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8291	0.4401	4.6382	0.0186	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,851.412 4	1,851.412 4	0.0390		1,852.386 5
Total	0.8291	0.4401	4.6382	0.0186	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,851.412 4	1,851.412 4	0.0390		1,852.386 5

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8291	0.4401	4.6382	0.0186	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,851.412 4	1,851.412 4	0.0390		1,852.386 5
Total	0.8291	0.4401	4.6382	0.0186	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,851.412 4	1,851.412 4	0.0390		1,852.386 5

3.7 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7856	0.4131	4.3953	0.0180	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,800.373 9	1,800.373 9	0.0368		1,801.292 9
Total	0.7856	0.4131	4.3953	0.0180	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,800.373 9	1,800.373 9	0.0368		1,801.292 9

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

3.7 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7856	0.4131	4.3953	0.0180	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,800.373 9	1,800.373 9	0.0368		1,801.292 9
Total	0.7856	0.4131	4.3953	0.0180	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,800.373 9	1,800.373 9	0.0368		1,801.292 9

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.9410	21.0655	63.9601	0.2685	31.4203	0.1736	31.5939	8.3941	0.1613	8.5554		27,496.14 89	27,496.14 89	1.3146		27,529.01 47
Unmitigated	4.9410	21.0655	63.9601	0.2685	31.4203	0.1736	31.5939	8.3941	0.1613	8.5554		27,496.14 89	27,496.14 89	1.3146		27,529.01 47

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012
Total	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012

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
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.00	18.00	40.00	86	11	3

4.4 Fleet Mix

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Other Asphalt Surfaces	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

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	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
NaturalGas Unmitigated	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25373.2	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Total		0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25.3732	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Total		0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220

6.0 Area Detail

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

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	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545
Unmitigated	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.7836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.7687	6.5689	2.7953	0.0419		0.5311	0.5311		0.5311	0.5311	0.0000	8,385.8824	8,385.8824	0.1607	0.1537	8,435.7155
Landscaping	0.9751	0.3757	32.5890	1.7300e-003		0.1812	0.1812		0.1812	0.1812		58.8372	58.8372	0.0561		60.2391
Total	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.7836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.7687	6.5689	2.7953	0.0419		0.5311	0.5311		0.5311	0.5311	0.0000	8,385.8824	8,385.8824	0.1607	0.1537	8,435.7155
Landscaping	0.9751	0.3757	32.5890	1.7300e-003		0.1812	0.1812		0.1812	0.1812		58.8372	58.8372	0.0561		60.2391
Total	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545

7.0 Water Detail

7.1 Mitigation Measures Water

- Apply Water Conservation Strategy
- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

Ocean Breeze Ranch 2030 Operations - San Diego County, Winter

Institute Recycling and Composting Services

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

Ocean Breeze Ranch 2030 Operations - San Diego County, Annual

**Ocean Breeze Ranch 2030 Operations
San Diego County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	32.00	Acre	32.00	1,393,920.00	0
City Park	16.00	Acre	16.00	696,960.00	0
Single Family Housing	396.00	Dwelling Unit	264.00	712,800.00	1133

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	402.51	CH4 Intensity (lb/MWhr)	0.016	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

Ocean Breeze Ranch 2030 Operations - San Diego County, Annual

Project Characteristics - rps for fully operational year 2030 50% RPS

Land Use - Proposed project... Project Engineer estimated 32 acres of paving

Construction Phase - Project Construction Durations

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Trips and VMT - Project soil export and import hauling length would be from moving material onsite.

Demolition -

Grading - 945000 cf onsite earthwork haulage... 1,500' only though 0.5 mile was assumed. 312 ac with multiple passes

Architectural Coating - rule 67 paint

Vehicle Trips - per TS 396 units to generate 3,990 trips 10.08 trips per average unit. Parks would be primarily for project usage and would not generate trips per TS

Woodstoves - PDF - All fireplaces are Natural Gas

Area Coating - rule 67 paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Tier 3 with DPF

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix -

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	400.00	15.00
tblConstructionPhase	NumDays	240.00	90.00

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tblConstructionPhase	NumDays	620.00	285.00
tblConstructionPhase	NumDays	440.00	40.00
tblConstructionPhase	NumDays	6,200.00	1,488.00
tblConstructionPhase	NumDays	440.00	1,339.00
tblFireplaces	NumberGas	217.80	396.00
tblFireplaces	NumberNoFireplace	39.60	0.00
tblFireplaces	NumberWood	138.60	0.00
tblGrading	AcresOfGrading	1,567.50	1,550.00
tblGrading	AcresOfGrading	0.00	1,550.00
tblGrading	MaterialExported	0.00	347,500.00
tblGrading	MaterialExported	0.00	125,000.00
tblGrading	MaterialImported	0.00	347,500.00
tblGrading	MaterialImported	0.00	125,000.00
tblLandUse	LotAcreage	128.57	264.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	UsageHours	6.00	3.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	5.00

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tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.016
tblProjectCharacteristics	CO2IntensityFactor	720.49	402.51
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblVehicleTrips	HO_TTP	39.60	40.00
tblVehicleTrips	HS_TTP	18.80	18.00
tblVehicleTrips	HW_TTP	41.60	42.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	10.08
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	10.08
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	10.08
tblWoodstoves	NumberCatalytic	19.80	0.00
tblWoodstoves	NumberNoncatalytic	19.80	0.00

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.7009	9.7818	4.9794	0.0140	3.6287	0.2919	3.9206	1.2198	0.2689	1.4887	0.0000	1,270.745 0	1,270.745 0	0.3345	0.0000	1,279.108 5
2023	0.9214	10.0822	6.9486	0.0212	2.8561	0.3024	3.1585	1.0636	0.2789	1.3425	0.0000	1,921.842 6	1,921.842 6	0.4177	0.0000	1,932.284 1
2024	1.3939	4.9626	6.5526	0.0296	2.1765	0.0559	2.2325	0.5852	0.0526	0.6379	0.0000	2,761.559 3	2,761.559 3	0.1484	0.0000	2,765.270 2
2025	1.7428	4.8530	6.5323	0.0299	2.2949	0.0519	2.3468	0.6167	0.0489	0.6655	0.0000	2,785.667 9	2,785.667 9	0.1465	0.0000	2,789.331 1
2026	1.7149	4.7740	6.2552	0.0292	2.2949	0.0514	2.3463	0.6167	0.0484	0.6650	0.0000	2,724.972 3	2,724.972 3	0.1433	0.0000	2,728.554 4
2027	1.6871	4.7006	6.0100	0.0286	2.2949	0.0506	2.3455	0.6167	0.0477	0.6643	0.0000	2,671.283 2	2,671.283 2	0.1405	0.0000	2,674.794 9
2028	1.6516	4.6200	5.7793	0.0280	2.2861	0.0495	2.3356	0.6143	0.0466	0.6609	0.0000	2,614.362 5	2,614.362 5	0.1375	0.0000	2,617.800 0
2029	0.8349	2.3492	2.8762	0.0142	1.1782	0.0251	1.2033	0.3166	0.0236	0.3402	0.0000	1,325.984 6	1,325.984 6	0.0698	0.0000	1,327.729 1
Maximum	1.7428	10.0822	6.9486	0.0299	3.6287	0.3024	3.9206	1.2198	0.2789	1.4887	0.0000	2,785.667 9	2,785.667 9	0.4177	0.0000	2,789.331 1

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.3125	7.8058	6.2468	0.0140	3.6287	0.0331	3.6618	1.2198	0.0330	1.2528	0.0000	1,270.7439	1,270.7439	0.3345	0.0000	1,279.1074
2023	0.5375	9.0054	8.9095	0.0212	2.8561	0.0440	2.9000	1.0636	0.0437	1.1073	0.0000	1,921.8412	1,921.8412	0.4177	0.0000	1,932.2827
2024	1.3399	5.0186	6.6521	0.0296	2.1765	0.0250	2.2015	0.5852	0.0239	0.6091	0.0000	2,761.5591	2,761.5591	0.1484	0.0000	2,765.2700
2025	1.6930	4.9751	6.6369	0.0299	2.2949	0.0257	2.3207	0.6167	0.0246	0.6412	0.0000	2,785.6677	2,785.6677	0.1465	0.0000	2,789.3310
2026	1.6651	4.8961	6.3598	0.0292	2.2949	0.0252	2.3201	0.6167	0.0241	0.6407	0.0000	2,724.9721	2,724.9721	0.1433	0.0000	2,728.5542
2027	1.6374	4.8227	6.1147	0.0286	2.2949	0.0245	2.3194	0.6167	0.0234	0.6400	0.0000	2,671.2830	2,671.2830	0.1405	0.0000	2,674.7947
2028	1.6020	4.7417	5.8836	0.0280	2.2861	0.0234	2.3095	0.6143	0.0224	0.6367	0.0000	2,614.3623	2,614.3623	0.1375	0.0000	2,617.7998
2029	0.8094	2.4119	2.9299	0.0142	1.1782	0.0116	1.1899	0.3166	0.0111	0.3277	0.0000	1,325.9845	1,325.9845	0.0698	0.0000	1,327.7290
Maximum	1.6930	9.0054	8.9095	0.0299	3.6287	0.0440	3.6618	1.2198	0.0437	1.2528	0.0000	2,785.6677	2,785.6677	0.4177	0.0000	2,789.3310

	ROG	NOx	CO	SO2	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	9.87	5.30	-8.27	0.00	0.00	75.82	3.35	0.00	74.73	9.43	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)
4	1-1-2022	3-31-2022	0.2628	0.2076
5	4-1-2022	6-30-2022	2.2640	1.7356

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6	7-1-2022	9-30-2022	3.7147	2.8829
7	10-1-2022	12-31-2022	4.2179	3.2750
8	1-1-2023	3-31-2023	3.6153	3.0658
9	4-1-2023	6-30-2023	3.6763	3.1206
10	7-1-2023	9-30-2023	2.5418	2.1889
11	10-1-2023	12-31-2023	1.2116	1.2052
12	1-1-2024	3-31-2024	1.4071	1.4075
13	4-1-2024	6-30-2024	1.5124	1.5128
14	7-1-2024	9-30-2024	1.6884	1.6890
15	10-1-2024	12-31-2024	1.7255	1.7261
16	1-1-2025	3-31-2025	1.6408	1.6586
17	4-1-2025	6-30-2025	1.6240	1.6420
18	7-1-2025	9-30-2025	1.6419	1.6601
19	10-1-2025	12-31-2025	1.6773	1.6955
20	1-1-2026	3-31-2026	1.6139	1.6317
21	4-1-2026	6-30-2026	1.5982	1.6163
22	7-1-2026	9-30-2026	1.6158	1.6340
23	10-1-2026	12-31-2026	1.6498	1.6680
24	1-1-2027	3-31-2027	1.5883	1.6062
25	4-1-2027	6-30-2027	1.5738	1.5919
26	7-1-2027	9-30-2027	1.5911	1.6093
27	10-1-2027	12-31-2027	1.6236	1.6419
28	1-1-2028	3-31-2028	1.5823	1.6003
29	4-1-2028	6-30-2028	1.5517	1.5697
30	7-1-2028	9-30-2028	1.5687	1.5869
31	10-1-2028	12-31-2028	1.5997	1.6179
32	1-1-2029	3-31-2029	1.5409	1.5587

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33	4-1-2029	6-30-2029	1.5290	1.5470
34	7-1-2029	9-30-2029	0.0840	0.0850
		Highest	4.2179	3.2750

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	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812
Energy	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	1,079.5452	1,079.5452	0.0327	0.0134	1,084.3638
Mobile	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771
Waste						0.0000	0.0000		0.0000	0.0000	94.5755	0.0000	94.5755	5.5893	0.0000	234.3069
Water						0.0000	0.0000		0.0000	0.0000	8.1855	133.0000	141.1855	0.8460	0.0208	168.5469
Total	4.3968	4.5730	14.8033	0.0539	5.5842	0.1041	5.6883	1.4948	0.1019	1.5966	102.7610	6,108.8489	6,211.6099	6.6940	0.0400	6,390.8757

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812
Energy	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	1,003.9379	1,003.9379	0.0297	0.0129	1,008.5134
Mobile	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771
Waste						0.0000	0.0000		0.0000	0.0000	70.9316	0.0000	70.9316	4.1919	0.0000	175.7301
Water						0.0000	0.0000		0.0000	0.0000	8.1855	118.6674	126.8529	0.8454	0.0207	154.1682
Total	4.3968	4.5730	14.8033	0.0539	5.5842	0.1041	5.6883	1.4948	0.1019	1.5966	79.1171	6,018.9090	6,098.0261	5.2931	0.0393	6,242.0700

	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	23.01	1.47	1.83	20.93	1.65	2.33

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2022	3/21/2022	5	15	
2	Site Preparation	Site Preparation	3/22/2022	7/25/2022	5	90	
3	Grading	Grading	7/26/2022	8/28/2023	5	285	
4	Paving	Paving	8/29/2023	10/23/2023	5	40	
5	Building Construction	Building Construction	10/24/2023	7/5/2029	5	1488	
6	Architectural Coating	Architectural Coating	5/20/2024	7/5/2029	5	1339	

Acres of Grading (Site Preparation Phase): 1550

Acres of Grading (Grading Phase): 1550

Acres of Paving: 32

Residential Indoor: 1,443,420; Residential Outdoor: 481,140; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 83,635 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Excavators	1	5.00	158	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Bore/Drill Rigs	2	3.00	221	0.50
Grading	Crushing/Proc. Equipment	1	3.00	85	0.78
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	3	8.00	187	0.41
Grading	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
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
Building Construction	Cranes	1	3.00	231	0.29
Building Construction	Forklifts	3	4.00	89	0.20
Building Construction	Generator Sets	1	4.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	3.00	97	0.37
Building Construction	Welders	1	4.00	46	0.45
Architectural Coating	Air Compressors	1	3.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	1	3.00	0.00	68.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	31,250.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Grading	19	48.00	0.00	86,875.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,021.00	385.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	204.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

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					7.4700e-003	0.0000	7.4700e-003	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5000e-004	8.3300e-003	0.0153	2.0000e-005		4.0000e-004	4.0000e-004		3.7000e-004	3.7000e-004	0.0000	2.1263	2.1263	6.9000e-004	0.0000	2.1435
Total	9.5000e-004	8.3300e-003	0.0153	2.0000e-005	7.4700e-003	4.0000e-004	7.8700e-003	1.1300e-003	3.7000e-004	1.5000e-003	0.0000	2.1263	2.1263	6.9000e-004	0.0000	2.1435

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3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4000e-004	8.1200e-003	2.1700e-003	3.0000e-005	5.8000e-004	2.0000e-005	6.0000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	2.5555	2.5555	2.3000e-004	0.0000	2.5613
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	7.6000e-004	0.0000	2.8000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.2338	0.2338	1.0000e-005	0.0000	0.2339
Total	3.4000e-004	8.2000e-003	2.9300e-003	3.0000e-005	8.6000e-004	2.0000e-005	8.8000e-004	2.3000e-004	2.0000e-005	2.6000e-004	0.0000	2.7893	2.7893	2.4000e-004	0.0000	2.7953

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.4700e-003	0.0000	7.4700e-003	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-004	0.0115	0.0184	2.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	2.1263	2.1263	6.9000e-004	0.0000	2.1435
Total	6.0000e-004	0.0115	0.0184	2.0000e-005	7.4700e-003	8.0000e-005	7.5500e-003	1.1300e-003	8.0000e-005	1.2100e-003	0.0000	2.1263	2.1263	6.9000e-004	0.0000	2.1435

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3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4000e-004	8.1200e-003	2.1700e-003	3.0000e-005	5.8000e-004	2.0000e-005	6.0000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	2.5555	2.5555	2.3000e-004	0.0000	2.5613
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	7.6000e-004	0.0000	2.8000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.2338	0.2338	1.0000e-005	0.0000	0.2339
Total	3.4000e-004	8.2000e-003	2.9300e-003	3.0000e-005	8.6000e-004	2.0000e-005	8.8000e-004	2.3000e-004	2.0000e-005	2.6000e-004	0.0000	2.7893	2.7893	2.4000e-004	0.0000	2.7953

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					1.6524	0.0000	1.6524	0.5383	0.0000	0.5383	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1427	1.4888	0.8864	1.7100e-003		0.0726	0.0726		0.0668	0.0668	0.0000	150.4773	150.4773	0.0487	0.0000	151.6939
Total	0.1427	1.4888	0.8864	1.7100e-003	1.6524	0.0726	1.7250	0.5383	0.0668	0.6051	0.0000	150.4773	150.4773	0.0487	0.0000	151.6939

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3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0270	1.4520	0.2252	1.7800e-003	7.0100e-003	9.4000e-004	7.9500e-003	1.9500e-003	9.0000e-004	2.8500e-003	0.0000	177.0850	177.0850	0.0282	0.0000	177.7888
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7600e-003	2.7300e-003	0.0273	9.0000e-005	0.0101	7.0000e-005	0.0102	2.6800e-003	6.0000e-005	2.7500e-003	0.0000	8.4164	8.4164	2.2000e-004	0.0000	8.4219
Total	0.0307	1.4547	0.2525	1.8700e-003	0.0171	1.0100e-003	0.0181	4.6300e-003	9.6000e-004	5.6000e-003	0.0000	185.5014	185.5014	0.0284	0.0000	186.2107

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6524	0.0000	1.6524	0.5383	0.0000	0.5383	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0419	0.8580	1.0332	1.7100e-003		6.3900e-003	6.3900e-003		6.3900e-003	6.3900e-003	0.0000	150.4771	150.4771	0.0487	0.0000	151.6938
Total	0.0419	0.8580	1.0332	1.7100e-003	1.6524	6.3900e-003	1.6588	0.5383	6.3900e-003	0.5447	0.0000	150.4771	150.4771	0.0487	0.0000	151.6938

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3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0270	1.4520	0.2252	1.7800e-003	7.0100e-003	9.4000e-004	7.9500e-003	1.9500e-003	9.0000e-004	2.8500e-003	0.0000	177.0850	177.0850	0.0282	0.0000	177.7888
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7600e-003	2.7300e-003	0.0273	9.0000e-005	0.0101	7.0000e-005	0.0102	2.6800e-003	6.0000e-005	2.7500e-003	0.0000	8.4164	8.4164	2.2000e-004	0.0000	8.4219
Total	0.0307	1.4547	0.2525	1.8700e-003	0.0171	1.0100e-003	0.0181	4.6300e-003	9.6000e-004	5.6000e-003	0.0000	185.5014	185.5014	0.0284	0.0000	186.2107

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					1.9005	0.0000	1.9005	0.6622	0.0000	0.6622	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4835	5.1981	3.4798	8.0200e-003		0.2166	0.2166		0.1996	0.1996	0.0000	704.5036	704.5036	0.2245	0.0000	710.1167
Total	0.4835	5.1981	3.4798	8.0200e-003	1.9005	0.2166	2.1171	0.6622	0.1996	0.8618	0.0000	704.5036	704.5036	0.2245	0.0000	710.1167

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3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0300	1.6146	0.2504	1.9800e-003	0.0162	1.0500e-003	0.0172	4.2300e-003	1.0000e-003	5.2300e-003	0.0000	196.9185	196.9185	0.0313	0.0000	197.7011
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0127	9.2100e-003	0.0922	3.1000e-004	0.0341	2.3000e-004	0.0343	9.0600e-003	2.1000e-004	9.2700e-003	0.0000	28.4286	28.4286	7.5000e-004	0.0000	28.4474
Total	0.0427	1.6238	0.3426	2.2900e-003	0.0503	1.2800e-003	0.0516	0.0133	1.2100e-003	0.0145	0.0000	225.3471	225.3471	0.0321	0.0000	226.1485

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.9005	0.0000	1.9005	0.6622	0.0000	0.6622	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1962	3.8496	4.5973	8.0200e-003		0.0243	0.0243		0.0243	0.0243	0.0000	704.5028	704.5028	0.2245	0.0000	710.1158
Total	0.1962	3.8496	4.5973	8.0200e-003	1.9005	0.0243	1.9248	0.6622	0.0243	0.6865	0.0000	704.5028	704.5028	0.2245	0.0000	710.1158

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3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0300	1.6146	0.2504	1.9800e-003	0.0162	1.0500e-003	0.0172	4.2300e-003	1.0000e-003	5.2300e-003	0.0000	196.9185	196.9185	0.0313	0.0000	197.7011
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0127	9.2100e-003	0.0922	3.1000e-004	0.0341	2.3000e-004	0.0343	9.0600e-003	2.1000e-004	9.2700e-003	0.0000	28.4286	28.4286	7.5000e-004	0.0000	28.4474
Total	0.0427	1.6238	0.3426	2.2900e-003	0.0503	1.2800e-003	0.0516	0.0133	1.2100e-003	0.0145	0.0000	225.3471	225.3471	0.0321	0.0000	226.1485

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					2.4154	0.0000	2.4154	0.9452	0.0000	0.9452	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6585	6.8721	5.0068	0.0120		0.2801	0.2801		0.2581	0.2581	0.0000	1,056.8043	1,056.8043	0.3367	0.0000	1,065.2217
Total	0.6585	6.8721	5.0068	0.0120	2.4154	0.2801	2.6955	0.9452	0.2581	1.2033	0.0000	1,056.8043	1,056.8043	0.3367	0.0000	1,065.2217

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3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0328	2.0560	0.3318	2.8600e-003	0.0173	9.1000e-004	0.0182	4.6300e-003	8.7000e-004	5.5000e-003	0.0000	284.8299	284.8299	0.0392	0.0000	285.8101
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0181	0.0126	0.1283	4.5000e-004	0.0512	3.3000e-004	0.0515	0.0136	3.1000e-004	0.0139	0.0000	41.0128	41.0128	1.0300e-003	0.0000	41.0386
Total	0.0509	2.0686	0.4602	3.3100e-003	0.0684	1.2400e-003	0.0697	0.0182	1.1800e-003	0.0194	0.0000	325.8428	325.8428	0.0402	0.0000	326.8487

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.4154	0.0000	2.4154	0.9452	0.0000	0.9452	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2943	5.7745	6.8959	0.0120		0.0365	0.0365		0.0365	0.0365	0.0000	1,056.8030	1,056.8030	0.3367	0.0000	1,065.2204
Total	0.2943	5.7745	6.8959	0.0120	2.4154	0.0365	2.4519	0.9452	0.0365	0.9817	0.0000	1,056.8030	1,056.8030	0.3367	0.0000	1,065.2204

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3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0328	2.0560	0.3318	2.8600e-003	0.0173	9.1000e-004	0.0182	4.6300e-003	8.7000e-004	5.5000e-003	0.0000	284.8299	284.8299	0.0392	0.0000	285.8101
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0181	0.0126	0.1283	4.5000e-004	0.0512	3.3000e-004	0.0515	0.0136	3.1000e-004	0.0139	0.0000	41.0128	41.0128	1.0300e-003	0.0000	41.0386
Total	0.0509	2.0686	0.4602	3.3100e-003	0.0684	1.2400e-003	0.0697	0.0182	1.1800e-003	0.0194	0.0000	325.8428	325.8428	0.0402	0.0000	326.8487

3.5 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	0.0207	0.2038	0.2917	4.6000e-004		0.0102	0.0102		9.3900e-003	9.3900e-003	0.0000	40.0537	40.0537	0.0130	0.0000	40.3776
Paving	0.0419					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0626	0.2038	0.2917	4.6000e-004		0.0102	0.0102		9.3900e-003	9.3900e-003	0.0000	40.0537	40.0537	0.0130	0.0000	40.3776

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3.5 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3200e-003	9.2000e-004	9.3800e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7700e-003	9.9000e-004	2.0000e-005	1.0200e-003	0.0000	2.9980	2.9980	8.0000e-005	0.0000	2.9999
Total	1.3200e-003	9.2000e-004	9.3800e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7700e-003	9.9000e-004	2.0000e-005	1.0200e-003	0.0000	2.9980	2.9980	8.0000e-005	0.0000	2.9999

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0112	0.2259	0.3459	4.6000e-004		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003	0.0000	40.0537	40.0537	0.0130	0.0000	40.3775
Paving	0.0419					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0531	0.2259	0.3459	4.6000e-004		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003	0.0000	40.0537	40.0537	0.0130	0.0000	40.3775

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3.5 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3200e-003	9.2000e-004	9.3800e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7700e-003	9.9000e-004	2.0000e-005	1.0200e-003	0.0000	2.9980	2.9980	8.0000e-005	0.0000	2.9999
Total	1.3200e-003	9.2000e-004	9.3800e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7700e-003	9.9000e-004	2.0000e-005	1.0200e-003	0.0000	2.9980	2.9980	8.0000e-005	0.0000	2.9999

3.6 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	0.0180	0.1633	0.1859	3.1000e-004		7.9800e-003	7.9800e-003		7.5200e-003	7.5200e-003	0.0000	26.3630	26.3630	6.1000e-003	0.0000	26.5155
Total	0.0180	0.1633	0.1859	3.1000e-004		7.9800e-003	7.9800e-003		7.5200e-003	7.5200e-003	0.0000	26.3630	26.3630	6.1000e-003	0.0000	26.5155

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3.6 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0198	0.6964	0.2124	2.2400e-003	0.0566	7.9000e-004	0.0574	0.0164	7.6000e-004	0.0171	0.0000	219.8015	219.8015	0.0153	0.0000	220.1845
Worker	0.1103	0.0770	0.7822	2.7600e-003	0.3119	2.0300e-003	0.3139	0.0829	1.8700e-003	0.0847	0.0000	249.9793	249.9793	6.2800e-003	0.0000	250.1363
Total	0.1301	0.7734	0.9946	5.0000e-003	0.3685	2.8200e-003	0.3714	0.0992	2.6300e-003	0.1019	0.0000	469.7808	469.7808	0.0216	0.0000	470.3208

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.6900e-003	0.1621	0.2035	3.1000e-004		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	26.3630	26.3630	6.1000e-003	0.0000	26.5154
Total	7.6900e-003	0.1621	0.2035	3.1000e-004		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	26.3630	26.3630	6.1000e-003	0.0000	26.5154

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3.6 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0198	0.6964	0.2124	2.2400e-003	0.0566	7.9000e-004	0.0574	0.0164	7.6000e-004	0.0171	0.0000	219.8015	219.8015	0.0153	0.0000	220.1845
Worker	0.1103	0.0770	0.7822	2.7600e-003	0.3119	2.0300e-003	0.3139	0.0829	1.8700e-003	0.0847	0.0000	249.9793	249.9793	6.2800e-003	0.0000	250.1363
Total	0.1301	0.7734	0.9946	5.0000e-003	0.3685	2.8200e-003	0.3714	0.0992	2.6300e-003	0.1019	0.0000	469.7808	469.7808	0.0216	0.0000	470.3208

3.6 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	0.0901	0.8163	0.9895	1.6400e-003		0.0374	0.0374		0.0352	0.0352	0.0000	140.9864	140.9864	0.0324	0.0000	141.7962
Total	0.0901	0.8163	0.9895	1.6400e-003		0.0374	0.0374		0.0352	0.0352	0.0000	140.9864	140.9864	0.0324	0.0000	141.7962

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3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1022	3.6726	1.0980	0.0119	0.3028	4.1200e-003	0.3069	0.0874	3.9400e-003	0.0914	0.0000	1,167.6374	1,167.6374	0.0808	0.0000	1,169.6568
Worker	0.5618	0.3776	3.9090	0.0142	1.6677	0.0107	1.6784	0.4431	9.8300e-003	0.4529	0.0000	1,283.9694	1,283.9694	0.0309	0.0000	1,284.7411
Total	0.6640	4.0502	5.0069	0.0261	1.9705	0.0148	1.9853	0.5305	0.0138	0.5443	0.0000	2,451.6068	2,451.6068	0.1117	0.0000	2,454.3979

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0411	0.8668	1.0881	1.6400e-003		8.3000e-003	8.3000e-003		8.3000e-003	8.3000e-003	0.0000	140.9862	140.9862	0.0324	0.0000	141.7961
Total	0.0411	0.8668	1.0881	1.6400e-003		8.3000e-003	8.3000e-003		8.3000e-003	8.3000e-003	0.0000	140.9862	140.9862	0.0324	0.0000	141.7961

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3.6 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1022	3.6726	1.0980	0.0119	0.3028	4.1200e-003	0.3069	0.0874	3.9400e-003	0.0914	0.0000	1,167.6374	1,167.6374	0.0808	0.0000	1,169.6568
Worker	0.5618	0.3776	3.9090	0.0142	1.6677	0.0107	1.6784	0.4431	9.8300e-003	0.4529	0.0000	1,283.9694	1,283.9694	0.0309	0.0000	1,284.7411
Total	0.6640	4.0502	5.0069	0.0261	1.9705	0.0148	1.9853	0.5305	0.0138	0.5443	0.0000	2,451.6068	2,451.6068	0.1117	0.0000	2,454.3979

3.6 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	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893
Total	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893

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3.6 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0987	3.6067	1.0706	0.0118	0.3016	3.9800e-003	0.3056	0.0871	3.8000e-003	0.0909	0.0000	1,155.9638	1,155.9638	0.0795	0.0000	1,157.9509
Worker	0.5354	0.3471	3.6363	0.0136	1.6614	0.0105	1.6718	0.4414	9.6300e-003	0.4510	0.0000	1,227.3308	1,227.3308	0.0284	0.0000	1,228.0407
Total	0.6341	3.9538	4.7069	0.0253	1.9630	0.0144	1.9774	0.5285	0.0134	0.5419	0.0000	2,383.2946	2,383.2946	0.1079	0.0000	2,385.9916

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891
Total	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891

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3.6 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0987	3.6067	1.0706	0.0118	0.3016	3.9800e-003	0.3056	0.0871	3.8000e-003	0.0909	0.0000	1,155.9638	1,155.9638	0.0795	0.0000	1,157.9509
Worker	0.5354	0.3471	3.6363	0.0136	1.6614	0.0105	1.6718	0.4414	9.6300e-003	0.4510	0.0000	1,227.3308	1,227.3308	0.0284	0.0000	1,228.0407
Total	0.6341	3.9538	4.7069	0.0253	1.9630	0.0144	1.9774	0.5285	0.0134	0.5419	0.0000	2,383.2946	2,383.2946	0.1079	0.0000	2,385.9916

3.6 Building Construction - 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					
Off-Road	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893
Total	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893

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3.6 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0961	3.5565	1.0544	0.0117	0.3016	3.8600e-003	0.3055	0.0871	3.6900e-003	0.0908	0.0000	1,149.2071	1,149.2071	0.0786	0.0000	1,151.1710
Worker	0.5143	0.3231	3.4189	0.0131	1.6614	0.0101	1.6715	0.4414	9.3200e-003	0.4507	0.0000	1,182.3743	1,182.3743	0.0265	0.0000	1,183.0360
Total	0.6104	3.8796	4.4732	0.0247	1.9630	0.0140	1.9770	0.5285	0.0130	0.5415	0.0000	2,331.5814	2,331.5814	0.1050	0.0000	2,334.2070

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891
Total	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891

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3.6 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0961	3.5565	1.0544	0.0117	0.3016	3.8600e-003	0.3055	0.0871	3.6900e-003	0.0908	0.0000	1,149.2071	1,149.2071	0.0786	0.0000	1,151.1710
Worker	0.5143	0.3231	3.4189	0.0131	1.6614	0.0101	1.6715	0.4414	9.3200e-003	0.4507	0.0000	1,182.3743	1,182.3743	0.0265	0.0000	1,183.0360
Total	0.6104	3.8796	4.4732	0.0247	1.9630	0.0140	1.9770	0.5285	0.0130	0.5415	0.0000	2,331.5814	2,331.5814	0.1050	0.0000	2,334.2070

3.6 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893
Total	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893

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3.6 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0940	3.5086	1.0406	0.0116	0.3016	3.7600e-003	0.3054	0.0871	3.5900e-003	0.0907	0.0000	1,143.0366	1,143.0366	0.0778	0.0000	1,144.9804
Worker	0.4929	0.3018	3.2260	0.0126	1.6614	9.5800e-003	1.6709	0.4414	8.8100e-003	0.4502	0.0000	1,142.7690	1,142.7690	0.0248	0.0000	1,143.3887
Total	0.5869	3.8104	4.2666	0.0242	1.9630	0.0133	1.9763	0.5285	0.0124	0.5409	0.0000	2,285.8056	2,285.8056	0.1025	0.0000	2,288.3691

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891
Total	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891

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3.6 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0940	3.5086	1.0406	0.0116	0.3016	3.7600e-003	0.3054	0.0871	3.5900e-003	0.0907	0.0000	1,143.0366	1,143.0366	0.0778	0.0000	1,144.9804
Worker	0.4929	0.3018	3.2260	0.0126	1.6614	9.5800e-003	1.6709	0.4414	8.8100e-003	0.4502	0.0000	1,142.7690	1,142.7690	0.0248	0.0000	1,143.3887
Total	0.5869	3.8104	4.2666	0.0242	1.9630	0.0133	1.9763	0.5285	0.0124	0.5409	0.0000	2,285.8056	2,285.8056	0.1025	0.0000	2,288.3691

3.6 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0831	0.7523	0.9771	1.6300e-003		0.0319	0.0319		0.0300	0.0300	0.0000	139.9494	139.9494	0.0319	0.0000	140.7480
Total	0.0831	0.7523	0.9771	1.6300e-003		0.0319	0.0319		0.0300	0.0300	0.0000	139.9494	139.9494	0.0319	0.0000	140.7480

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3.6 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0919	3.4551	1.0294	0.0115	0.3005	3.6600e-003	0.3041	0.0868	3.5000e-003	0.0903	0.0000	1,133.4954	1,133.4954	0.0767	0.0000	1,135.4134
Worker	0.4682	0.2819	3.0465	0.0122	1.6550	8.8300e-003	1.6638	0.4397	8.1200e-003	0.4478	0.0000	1,103.7815	1,103.7815	0.0233	0.0000	1,104.3635
Total	0.5601	3.7370	4.0760	0.0237	1.9555	0.0125	1.9679	0.5264	0.0116	0.5381	0.0000	2,237.2769	2,237.2769	0.1000	0.0000	2,239.7769

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
Category	tons/yr										MT/yr					
Off-Road	0.0408	0.8602	1.0798	1.6300e-003		8.2400e-003	8.2400e-003		8.2400e-003	8.2400e-003	0.0000	139.9492	139.9492	0.0319	0.0000	140.7478
Total	0.0408	0.8602	1.0798	1.6300e-003		8.2400e-003	8.2400e-003		8.2400e-003	8.2400e-003	0.0000	139.9492	139.9492	0.0319	0.0000	140.7478

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3.6 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0919	3.4551	1.0294	0.0115	0.3005	3.6600e-003	0.3041	0.0868	3.5000e-003	0.0903	0.0000	1,133.4954	1,133.4954	0.0767	0.0000	1,135.4134
Worker	0.4682	0.2819	3.0465	0.0122	1.6550	8.8300e-003	1.6638	0.4397	8.1200e-003	0.4478	0.0000	1,103.7815	1,103.7815	0.0233	0.0000	1,104.3635
Total	0.5601	3.7370	4.0760	0.0237	1.9555	0.0125	1.9679	0.5264	0.0116	0.5381	0.0000	2,237.2769	2,237.2769	0.1000	0.0000	2,239.7769

3.6 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.3877	0.5036	8.4000e-004		0.0164	0.0164		0.0155	0.0155	0.0000	72.1278	72.1278	0.0165	0.0000	72.5393
Total	0.0428	0.3877	0.5036	8.4000e-004		0.0164	0.0164		0.0155	0.0155	0.0000	72.1278	72.1278	0.0165	0.0000	72.5393

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3.6 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0465	1.7595	0.5265	5.8900e-003	0.1549	1.8400e-003	0.1567	0.0447	1.7600e-003	0.0465	0.0000	581.5779	581.5779	0.0393	0.0000	582.5594
Worker	0.2284	0.1364	1.4882	6.1100e-003	0.8530	4.2200e-003	0.8572	0.2266	3.8800e-003	0.2305	0.0000	553.1950	553.1950	0.0113	0.0000	553.4781
Total	0.2750	1.8959	2.0147	0.0120	1.0078	6.0600e-003	1.0139	0.2713	5.6400e-003	0.2770	0.0000	1,134.7729	1,134.7729	0.0506	0.0000	1,136.0375

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0210	0.4433	0.5565	8.4000e-004		4.2500e-003	4.2500e-003		4.2500e-003	4.2500e-003	0.0000	72.1277	72.1277	0.0165	0.0000	72.5392
Total	0.0210	0.4433	0.5565	8.4000e-004		4.2500e-003	4.2500e-003		4.2500e-003	4.2500e-003	0.0000	72.1277	72.1277	0.0165	0.0000	72.5392

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3.6 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0465	1.7595	0.5265	5.8900e-003	0.1549	1.8400e-003	0.1567	0.0447	1.7600e-003	0.0465	0.0000	581.5779	581.5779	0.0393	0.0000	582.5594
Worker	0.2284	0.1364	1.4882	6.1100e-003	0.8530	4.2200e-003	0.8572	0.2266	3.8800e-003	0.2305	0.0000	553.1950	553.1950	0.0113	0.0000	553.4781
Total	0.2750	1.8959	2.0147	0.0120	1.0078	6.0600e-003	1.0139	0.2713	5.6400e-003	0.2770	0.0000	1,134.7729	1,134.7729	0.0506	0.0000	1,136.0375

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	0.5631					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3200e-003	0.0494	0.0733	1.2000e-004		2.4700e-003	2.4700e-003		2.4700e-003	2.4700e-003	0.0000	10.3407	10.3407	5.8000e-004	0.0000	10.3552
Total	0.5704	0.0494	0.0733	1.2000e-004		2.4700e-003	2.4700e-003		2.4700e-003	2.4700e-003	0.0000	10.3407	10.3407	5.8000e-004	0.0000	10.3552

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3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0694	0.0467	0.4829	1.7500e-003	0.2060	1.3200e-003	0.2074	0.0547	1.2100e-003	0.0560	0.0000	158.6254	158.6254	3.8100e-003	0.0000	158.7208
Total	0.0694	0.0467	0.4829	1.7500e-003	0.2060	1.3200e-003	0.2074	0.0547	1.2100e-003	0.0560	0.0000	158.6254	158.6254	3.8100e-003	0.0000	158.7208

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5631					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4100e-003	0.0550	0.0742	1.2000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	10.3407	10.3407	5.8000e-004	0.0000	10.3552
Total	0.5655	0.0550	0.0742	1.2000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	10.3407	10.3407	5.8000e-004	0.0000	10.3552

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3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0694	0.0467	0.4829	1.7500e-003	0.2060	1.3200e-003	0.2074	0.0547	1.2100e-003	0.0560	0.0000	158.6254	158.6254	3.8100e-003	0.0000	158.7208
Total	0.0694	0.0467	0.4829	1.7500e-003	0.2060	1.3200e-003	0.2074	0.0547	1.2100e-003	0.0560	0.0000	158.6254	158.6254	3.8100e-003	0.0000	158.7208

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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9183	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1070	0.0694	0.7266	2.7100e-003	0.3319	2.0900e-003	0.3340	0.0882	1.9200e-003	0.0901	0.0000	245.2258	245.2258	5.6700e-003	0.0000	245.3676
Total	0.1070	0.0694	0.7266	2.7100e-003	0.3319	2.0900e-003	0.3340	0.0882	1.9200e-003	0.0901	0.0000	245.2258	245.2258	5.6700e-003	0.0000	245.3676

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9110	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1070	0.0694	0.7266	2.7100e-003	0.3319	2.0900e-003	0.3340	0.0882	1.9200e-003	0.0901	0.0000	245.2258	245.2258	5.6700e-003	0.0000	245.3676
Total	0.1070	0.0694	0.7266	2.7100e-003	0.3319	2.0900e-003	0.3340	0.0882	1.9200e-003	0.0901	0.0000	245.2258	245.2258	5.6700e-003	0.0000	245.3676

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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9183	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1028	0.0646	0.6831	2.6100e-003	0.3319	2.0200e-003	0.3340	0.0882	1.8600e-003	0.0901	0.0000	236.2433	236.2433	5.2900e-003	0.0000	236.3755
Total	0.1028	0.0646	0.6831	2.6100e-003	0.3319	2.0200e-003	0.3340	0.0882	1.8600e-003	0.0901	0.0000	236.2433	236.2433	5.2900e-003	0.0000	236.3755

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9110	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1028	0.0646	0.6831	2.6100e-003	0.3319	2.0200e-003	0.3340	0.0882	1.8600e-003	0.0901	0.0000	236.2433	236.2433	5.2900e-003	0.0000	236.3755
Total	0.1028	0.0646	0.6831	2.6100e-003	0.3319	2.0200e-003	0.3340	0.0882	1.8600e-003	0.0901	0.0000	236.2433	236.2433	5.2900e-003	0.0000	236.3755

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9183	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0985	0.0603	0.6446	2.5200e-003	0.3319	1.9100e-003	0.3339	0.0882	1.7600e-003	0.0900	0.0000	228.3300	228.3300	4.9500e-003	0.0000	228.4538
Total	0.0985	0.0603	0.6446	2.5200e-003	0.3319	1.9100e-003	0.3339	0.0882	1.7600e-003	0.0900	0.0000	228.3300	228.3300	4.9500e-003	0.0000	228.4538

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9110	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0985	0.0603	0.6446	2.5200e-003	0.3319	1.9100e-003	0.3339	0.0882	1.7600e-003	0.0900	0.0000	228.3300	228.3300	4.9500e-003	0.0000	228.4538
Total	0.0985	0.0603	0.6446	2.5200e-003	0.3319	1.9100e-003	0.3339	0.0882	1.7600e-003	0.0900	0.0000	228.3300	228.3300	4.9500e-003	0.0000	228.4538

3.7 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9037					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0111	0.0745	0.1176	1.9000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	16.5962	16.5962	9.1000e-004	0.0000	16.6188
Total	0.9148	0.0745	0.1176	1.9000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	16.5962	16.5962	9.1000e-004	0.0000	16.6188

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3.7 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564
Total	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9037					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0882	0.1191	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.5961	16.5961	9.1000e-004	0.0000	16.6188
Total	0.9076	0.0882	0.1191	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.5961	16.5961	9.1000e-004	0.0000	16.6188

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3.7 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564
Total	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564

3.7 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4658					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7200e-003	0.0384	0.0606	1.0000e-004		1.7300e-003	1.7300e-003		1.7300e-003	1.7300e-003	0.0000	8.5534	8.5534	4.7000e-004	0.0000	8.5651
Total	0.4715	0.0384	0.0606	1.0000e-004		1.7300e-003	1.7300e-003		1.7300e-003	1.7300e-003	0.0000	8.5534	8.5534	4.7000e-004	0.0000	8.5651

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3.7 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0456	0.0273	0.2974	1.2200e-003	0.1704	8.4000e-004	0.1713	0.0453	7.8000e-004	0.0461	0.0000	110.5306	110.5306	2.2600e-003	0.0000	110.5872
Total	0.0456	0.0273	0.2974	1.2200e-003	0.1704	8.4000e-004	0.1713	0.0453	7.8000e-004	0.0461	0.0000	110.5306	110.5306	2.2600e-003	0.0000	110.5872

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4658					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9900e-003	0.0455	0.0614	1.0000e-004		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	8.5534	8.5534	4.7000e-004	0.0000	8.5651
Total	0.4677	0.0455	0.0614	1.0000e-004		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	8.5534	8.5534	4.7000e-004	0.0000	8.5651

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3.7 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0456	0.0273	0.2974	1.2200e-003	0.1704	8.4000e-004	0.1713	0.0453	7.8000e-004	0.0461	0.0000	110.5306	110.5306	2.2600e-003	0.0000	110.5872
Total	0.0456	0.0273	0.2974	1.2200e-003	0.1704	8.4000e-004	0.1713	0.0453	7.8000e-004	0.0461	0.0000	110.5306	110.5306	2.2600e-003	0.0000	110.5872

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771
Unmitigated	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012
Total	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012

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
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.00	18.00	40.00	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Other Asphalt Surfaces	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

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	509.7239	509.7239	0.0203	3.8000e-003	511.3625
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	585.3312	585.3312	0.0233	4.3600e-003	587.2129
NaturalGas Mitigated	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509
NaturalGas Unmitigated	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509

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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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.26122e+006	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509
Total		0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.26122e+006	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509
Total		0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.20597e+006	585.3312	0.0233	4.3600e-003	587.2129
Total		585.3312	0.0233	4.3600e-003	587.2129

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.79185e+006	509.7239	0.0203	3.8000e-003	511.3625
Total		509.7239	0.0203	3.8000e-003	511.3625

6.0 Area Detail

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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	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812
Unmitigated	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812

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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	0.4654					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0315	0.2693	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	311.9093	311.9093	5.9800e-003	5.7200e-003	313.7629
Landscaping	0.0878	0.0338	2.9330	1.6000e-004		0.0163	0.0163		0.0163	0.0163	0.0000	4.8039	4.8039	4.5800e-003	0.0000	4.9183
Total	3.4652	0.3031	3.0476	1.8800e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4654					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0315	0.2693	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	311.9093	311.9093	5.9800e-003	5.7200e-003	313.7629
Landscaping	0.0878	0.0338	2.9330	1.6000e-004		0.0163	0.0163		0.0163	0.0163	0.0000	4.8039	4.8039	4.5800e-003	0.0000	4.9183
Total	3.4652	0.3031	3.0476	1.8800e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	126.8529	0.8454	0.0207	154.1682
Unmitigated	141.1855	0.8460	0.0208	168.5469

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 19.0637	38.6691	1.5400e-003	2.9000e-004	38.7934
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25.801 / 16.2658	102.5164	0.8445	0.0206	129.7535
Total		141.1855	0.8460	0.0208	168.5469

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 15.251	30.9353	1.2300e-003	2.3000e-004	31.0347
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25.801 / 13.0127	95.9176	0.8442	0.0205	123.1335
Total		126.8529	0.8454	0.0207	154.1683

8.0 Waste Detail**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

Ocean Breeze Ranch 2030 Operations - San Diego County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	70.9316	4.1919	0.0000	175.7301
Unmitigated	94.5755	5.5893	0.0000	234.3069

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.38	0.2801	0.0166	0.0000	0.6940
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	464.53	94.2954	5.5727	0.0000	233.6128
Total		94.5755	5.5893	0.0000	234.3068

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.035	0.2101	0.0124	0.0000	0.5205
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	348.397	70.7215	4.1795	0.0000	175.2096
Total		70.9316	4.1919	0.0000	175.7301

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

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

Ocean Breeze Ranch 2030 Operations (Revised 2024)
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	32.00	Acre	32.00	1,393,920.00	0
City Park	16.00	Acre	16.00	696,960.00	0
Single Family Housing	396.00	Dwelling Unit	264.00	712,800.00	1133

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	402.51	CH4 Intensity (lb/MW hr)	0.016	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

Project Characteristics - rps for fully operational year 2030 50% RPS

Land Use - Proposed project... Project Engineer estimated 32 acres of paving

Construction Phase - Project Construction Durations Modified for 3 years later than approved Project

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Trips and VMT - Project soil export and import hauling length would be from moving material onsite.

Demolition -

Grading - 945000 cf onsite earthwork haulage... 1,500' only though 0.5 mile was assumed. 312 ac with multiple passes

Architectural Coating - rule 67 paint

Vehicle Trips - per TS 396 units to generate 3,990 trips 10.08 trips per average unit. Parks would be primarily for project usage and would not generate trips per TS

Woodstoves - PDF - All fireplaces are Natural Gas

Area Coating - rule 67 paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Tier 3 with DPF

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix -

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
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tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	400.00	15.00
tblConstructionPhase	NumDays	240.00	90.00

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

tblConstructionPhase	NumDays	620.00	285.00
tblConstructionPhase	NumDays	440.00	40.00
tblConstructionPhase	NumDays	6,200.00	1,488.00
tblConstructionPhase	NumDays	440.00	1,339.00
tblFireplaces	NumberGas	217.80	396.00
tblFireplaces	NumberNoFireplace	39.60	0.00
tblFireplaces	NumberWood	138.60	0.00
tblGrading	AcresOfGrading	1,567.50	1,550.00
tblGrading	AcresOfGrading	0.00	1,550.00
tblGrading	MaterialExported	0.00	347,500.00
tblGrading	MaterialExported	0.00	125,000.00
tblGrading	MaterialImported	0.00	347,500.00
tblGrading	MaterialImported	0.00	125,000.00
tblLandUse	LotAcreage	128.57	264.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	UsageHours	6.00	3.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	5.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	4.00

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

tblProjectCharacteristics	CH4IntensityFactor	0.029	0.016
tblProjectCharacteristics	CO2IntensityFactor	720.49	402.51
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblVehicleTrips	HO_TTP	39.60	40.00
tblVehicleTrips	HS_TTP	18.80	18.00
tblVehicleTrips	HW_TTP	41.60	42.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	10.08
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	10.08
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	10.08
tblWoodstoves	NumberCatalytic	19.80	0.00
tblWoodstoves	NumberNoncatalytic	19.80	0.00

2.0 Emissions Summary

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	7.3010	89.6047	59.6829	0.1799	37.1095	2.6482	38.2065	12.0670	2.4400	13.2843	0.0000	17,891.12 48	17,891.12 48	4.7924	0.0000	18,010.93 58
2026	7.2853	89.3059	59.6172	0.2087	24.9953	2.6474	27.6427	10.8230	2.4392	13.2621	0.0000	21,542.73 22	21,542.73 22	4.7751	0.0000	21,571.64 72
2027	12.7927	35.6328	48.1727	0.2264	18.0043	0.3874	18.3916	4.8281	0.3649	5.1930	0.0000	23,312.12 88	23,312.12 88	1.1876	0.0000	23,341.81 81
2028	12.5717	35.1716	46.4709	0.2222	18.0043	0.3802	18.3845	4.8281	0.3583	5.1864	0.0000	22,896.21 33	22,896.21 33	1.1668	0.0000	22,925.38 23
2029	12.3327	34.7143	44.8469	0.2184	18.0043	0.3736	18.3779	4.8281	0.3522	5.1803	0.0000	22,526.29 38	22,526.29 38	1.1486	0.0000	22,555.00 84
2030	12.0208	32.0982	43.3634	0.2169	18.0043	0.1756	18.1799	4.8281	0.1688	4.9969	0.0000	22,357.07 83	22,357.07 83	0.9128	0.0000	22,379.89 69
2031	11.7497	31.7393	41.9292	0.2141	18.0043	0.1703	18.1745	4.8281	0.1639	4.9920	0.0000	22,076.85 72	22,076.85 72	0.8975	0.0000	22,099.29 47
2032	11.5107	31.4273	40.7051	0.2116	18.0043	0.1654	18.1697	4.8281	0.1594	4.9875	0.0000	21,837.72 68	21,837.72 68	0.8850	0.0000	21,859.85 12
Maximum	12.7927	89.6047	59.6829	0.2264	37.1095	2.6482	38.2065	12.0670	2.4400	13.2843	0.0000	23,312.12 88	23,312.12 88	4.7924	0.0000	23,341.81 81

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545
Energy	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Mobile	5.1033	20.5187	66.3105	0.2824	31.4203	0.1732	31.5935	8.3941	0.1609	8.5550		28,903.7845	28,903.7845	1.3159		28,936.6817
Total	25.4544	29.8017	102.6899	0.3410	31.4203	1.0746	32.4948	8.3941	1.0623	9.4564	0.0000	40,333.5872	40,333.5872	1.5899	0.2085	40,435.4582

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	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545
Energy	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Mobile	5.1033	20.5187	66.3105	0.2824	31.4203	0.1732	31.5935	8.3941	0.1609	8.5550		28,903.7845	28,903.7845	1.3159		28,936.6817
Total	25.4544	29.8017	102.6899	0.3410	31.4203	1.0746	32.4948	8.3941	1.0623	9.4564	0.0000	40,333.5872	40,333.5872	1.5899	0.2085	40,435.4582

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2025	3/21/2025	5	15	
2	Site Preparation	Site Preparation	3/22/2025	7/25/2025	5	90	
3	Grading	Grading	7/26/2025	8/28/2026	5	285	
4	Paving	Paving	8/29/2026	10/23/2026	5	40	
5	Building Construction	Building Construction	10/24/2026	7/7/2032	5	1488	
6	Architectural Coating	Architectural Coating	5/21/2027	7/7/2032	5	1339	

Acres of Grading (Site Preparation Phase): 1550

Acres of Grading (Grading Phase): 1550

Acres of Paving: 32

Residential Indoor: 1,443,420; Residential Outdoor: 481,140; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 83,635 (Architectural Coating – sqft)

OffRoad Equipment

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Excavators	1	5.00	158	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Bore/Drill Rigs	2	3.00	221	0.50
Grading	Crushing/Proc. Equipment	1	3.00	85	0.78
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	3	8.00	187	0.41
Grading	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
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
Building Construction	Cranes	1	3.00	231	0.29
Building Construction	Forklifts	3	4.00	89	0.20
Building Construction	Generator Sets	1	4.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	3.00	97	0.37
Building Construction	Welders	1	4.00	46	0.45
Architectural Coating	Air Compressors	1	3.00	78	0.48

Trips and VMT

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	1	3.00	0.00	68.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	31,250.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Grading	19	48.00	0.00	86,875.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,021.00	385.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	204.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

3.2 Demolition - 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					
Fugitive Dust					0.9966	0.0000	0.9966	0.1509	0.0000	0.1509			0.0000			0.0000
Off-Road	0.1045	0.7635	2.0371	3.2300e-003		0.0374	0.0374		0.0344	0.0344		312.7112	312.7112	0.1011		315.2396
Total	0.1045	0.7635	2.0371	3.2300e-003	0.9966	0.0374	1.0341	0.1509	0.0344	0.1854		312.7112	312.7112	0.1011		315.2396

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.2 Demolition - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0219	0.6965	0.2726	3.2500e-003	0.0792	1.2900e-003	0.0805	0.0217	1.2400e-003	0.0230		360.5627	360.5627	0.0324		361.3736
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0118	7.0800e-003	0.0887	3.2000e-004	0.0383	2.4000e-004	0.0386	0.0102	2.2000e-004	0.0104		32.1356	32.1356	7.5000e-004		32.1543
Total	0.0337	0.7036	0.3612	3.5700e-003	0.1175	1.5300e-003	0.1191	0.0319	1.4600e-003	0.0333		392.6982	392.6982	0.0332		393.5279

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9966	0.0000	0.9966	0.1509	0.0000	0.1509			0.0000			0.0000
Off-Road	0.0794	1.5354	2.4488	3.2300e-003		0.0111	0.0111		0.0111	0.0111	0.0000	312.7112	312.7112	0.1011		315.2396
Total	0.0794	1.5354	2.4488	3.2300e-003	0.9966	0.0111	1.0078	0.1509	0.0111	0.1621	0.0000	312.7112	312.7112	0.1011		315.2396

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.2 Demolition - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0219	0.6965	0.2726	3.2500e-003	0.0792	1.2900e-003	0.0805	0.0217	1.2400e-003	0.0230		360.5627	360.5627	0.0324		361.3736
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0118	7.0800e-003	0.0887	3.2000e-004	0.0383	2.4000e-004	0.0386	0.0102	2.2000e-004	0.0104		32.1356	32.1356	7.5000e-004		32.1543
Total	0.0337	0.7036	0.3612	3.5700e-003	0.1175	1.5300e-003	0.1191	0.0319	1.4600e-003	0.0333		392.6982	392.6982	0.0332		393.5279

3.3 Site Preparation - 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					
Fugitive Dust					36.7208	0.0000	36.7208	11.9619	0.0000	11.9619			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	36.7208	1.0868	37.8076	11.9619	0.9999	12.9617		3,689.1037	3,689.1037	1.1931		3,718.9320

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.3 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3896	26.9846	3.8188	0.0388	0.1588	8.7700e-003	0.1676	0.0442	8.3900e-003	0.0526		4,281.208 2	4,281.208 2	0.5046		4,293.823 1
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0425	0.5319	1.9300e-003	0.2299	1.4100e-003	0.2313	0.0610	1.3000e-003	0.0623		192.8135	192.8135	4.4800e-003		192.9256
Total	0.4602	27.0271	4.3507	0.0407	0.3888	0.0102	0.3989	0.1051	9.6900e-003	0.1148		4,474.021 7	4,474.021 7	0.5091		4,486.748 8

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					36.7208	0.0000	36.7208	11.9619	0.0000	11.9619			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0381		0.1419	0.1419		0.1419	0.1419	0.0000	3,689.103 7	3,689.103 7	1.1931		3,718.932 0
Total	0.9312	19.0656	22.9600	0.0381	36.7208	0.1419	36.8627	11.9619	0.1419	12.1038	0.0000	3,689.103 7	3,689.103 7	1.1931		3,718.932 0

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.3 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3896	26.9846	3.8188	0.0388	0.1588	8.7700e-003	0.1676	0.0442	8.3900e-003	0.0526		4,281.2082	4,281.2082	0.5046		4,293.8231
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0425	0.5319	1.9300e-003	0.2299	1.4100e-003	0.2313	0.0610	1.3000e-003	0.0623		192.8135	192.8135	4.4800e-003		192.9256
Total	0.4602	27.0271	4.3507	0.0407	0.3888	0.0102	0.3989	0.1051	9.6900e-003	0.1148		4,474.0217	4,474.0217	0.5091		4,486.7488

3.4 Grading - 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					
Fugitive Dust					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	6.7707	65.8017	54.9120	0.1407		2.6368	2.6368		2.4292	2.4292		13,618.5053	13,618.5053	4.3375		13,726.9427
Total	6.7707	65.8017	54.9120	0.1407	24.1766	2.6368	26.8133	10.6053	2.4292	13.0345		13,618.5053	13,618.5053	4.3375		13,726.9427

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.4 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3420	23.6897	3.3525	0.0341	0.2928	7.7000e-003	0.3005	0.0764	7.3600e-003	0.0838		3,758.4501	3,758.4501	0.4430		3,769.5247
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1882	0.1134	1.4184	5.1500e-003	0.6131	3.7700e-003	0.6169	0.1626	3.4700e-003	0.1661		514.1694	514.1694	0.0120		514.4684
Total	0.5303	23.8030	4.7709	0.0392	0.9059	0.0115	0.9174	0.2390	0.0108	0.2498		4,272.6195	4,272.6195	0.4549		4,283.9931

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	3.4426	67.5377	80.6543	0.1407		0.4266	0.4266		0.4266	0.4266	0.0000	13,618.5053	13,618.5053	4.3375		13,726.9427
Total	3.4426	67.5377	80.6543	0.1407	24.1766	0.4266	24.6031	10.6053	0.4266	11.0319	0.0000	13,618.5053	13,618.5053	4.3375		13,726.9427

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.4 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3420	23.6897	3.3525	0.0341	0.2928	7.7000e-003	0.3005	0.0764	7.3600e-003	0.0838		3,758.4501	3,758.4501	0.4430		3,769.5247
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1882	0.1134	1.4184	5.1500e-003	0.6131	3.7700e-003	0.6169	0.1626	3.4700e-003	0.1661		514.1694	514.1694	0.0120		514.4684
Total	0.5303	23.8030	4.7709	0.0392	0.9059	0.0115	0.9174	0.2390	0.0108	0.2498		4,272.6195	4,272.6195	0.4549		4,283.9931

3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	6.7707	65.8017	54.9120	0.1407		2.6368	2.6368		2.4292	2.4292		13,618.5053	13,618.5053	4.3375		13,726.9427
Total	6.7707	65.8017	54.9120	0.1407	24.1766	2.6368	26.8133	10.6053	2.4292	13.0345		13,618.5053	13,618.5053	4.3375		13,726.9427

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.4 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3340	23.3986	3.3706	0.0336	0.2056	6.9500e-003	0.2126	0.0550	6.6500e-003	0.0617		3,715.6645	3,715.6645	0.4265		3,726.3262
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1806	0.1055	1.3345	4.9700e-003	0.6131	3.6500e-003	0.6168	0.1626	3.3600e-003	0.1660		495.3315	495.3315	0.0112		495.6103
Total	0.5146	23.5042	4.7052	0.0386	0.8188	0.0106	0.8294	0.2176	0.0100	0.2276		4,210.9960	4,210.9960	0.4376		4,221.9366

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	3.4426	67.5377	80.6543	0.1407		0.4266	0.4266		0.4266	0.4266	0.0000	13,618.5053	13,618.5053	4.3375		13,726.9427
Total	3.4426	67.5377	80.6543	0.1407	24.1766	0.4266	24.6031	10.6053	0.4266	11.0319	0.0000	13,618.5053	13,618.5053	4.3375		13,726.9427

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.4 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3340	23.3986	3.3706	0.0336	0.2056	6.9500e-003	0.2126	0.0550	6.6500e-003	0.0617		3,715.6645	3,715.6645	0.4265		3,726.3262
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1806	0.1055	1.3345	4.9700e-003	0.6131	3.6500e-003	0.6168	0.1626	3.3600e-003	0.1660		495.3315	495.3315	0.0112		495.6103
Total	0.5146	23.5042	4.7052	0.0386	0.8188	0.0106	0.8294	0.2176	0.0100	0.2276		4,210.9960	4,210.9960	0.4376		4,221.9366

3.5 Paving - 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	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	2.0960					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.0112	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

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.5 Paving - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0564	0.0330	0.4170	1.5500e-003	0.1916	1.1400e-003	0.1927	0.0508	1.0500e-003	0.0519		154.7911	154.7911	3.4900e-003		154.8782
Total	0.0564	0.0330	0.4170	1.5500e-003	0.1916	1.1400e-003	0.1927	0.0508	1.0500e-003	0.0519		154.7911	154.7911	3.4900e-003		154.8782

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5609	11.2952	17.2957	0.0228		0.0914	0.0914		0.0914	0.0914	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	2.0960					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6569	11.2952	17.2957	0.0228		0.0914	0.0914		0.0914	0.0914	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.5 Paving - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0564	0.0330	0.4170	1.5500e-003	0.1916	1.1400e-003	0.1927	0.0508	1.0500e-003	0.0519		154.7911	154.7911	3.4900e-003		154.8782
Total	0.0564	0.0330	0.4170	1.5500e-003	0.1916	1.1400e-003	0.1927	0.0508	1.0500e-003	0.0519		154.7911	154.7911	3.4900e-003		154.8782

3.6 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7195	27.1192	7.6900	0.0905	2.3573	0.0290	2.3863	0.6787	0.0277	0.7064		9,819.9429	9,819.9429	0.6485		9,836.1557
Worker	3.8415	2.2447	28.3862	0.1056	13.0413	0.0776	13.1189	3.4584	0.0715	3.5299		10,536.1143	10,536.1143	0.2372		10,542.0450
Total	4.5610	29.3639	36.0761	0.1962	15.3986	0.1067	15.5052	4.1371	0.0992	4.2363		20,356.0572	20,356.0572	0.8857		20,378.2006

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7195	27.1192	7.6900	0.0905	2.3573	0.0290	2.3863	0.6787	0.0277	0.7064		9,819.9429	9,819.9429	0.6485		9,836.1557
Worker	3.8415	2.2447	28.3862	0.1056	13.0413	0.0776	13.1189	3.4584	0.0715	3.5299		10,536.1143	10,536.1143	0.2372		10,542.0450
Total	4.5610	29.3639	36.0761	0.1962	15.3986	0.1067	15.5052	4.1371	0.0992	4.2363		20,356.0572	20,356.0572	0.8857		20,378.2006

3.6 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7033	26.7574	7.5933	0.0899	2.3573	0.0283	2.3857	0.6787	0.0271	0.7058		9,766.6693	9,766.6693	0.6423		9,782.7273
Worker	3.6782	2.0971	26.8036	0.1021	13.0413	0.0734	13.1147	3.4584	0.0675	3.5260		10,183.3793	10,183.3793	0.2223		10,188.9367
Total	4.3816	28.8545	34.3969	0.1920	15.3986	0.1017	15.5003	4.1371	0.0946	4.2317		19,950.0487	19,950.0487	0.8646		19,971.6641

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7033	26.7574	7.5933	0.0899	2.3573	0.0283	2.3857	0.6787	0.0271	0.7058		9,766.6693	9,766.6693	0.6423		9,782.7273
Worker	3.6782	2.0971	26.8036	0.1021	13.0413	0.0734	13.1147	3.4584	0.0675	3.5260		10,183.3793	10,183.3793	0.2223		10,188.9367
Total	4.3816	28.8545	34.3969	0.1920	15.3986	0.1017	15.5003	4.1371	0.0946	4.2317		19,950.0487	19,950.0487	0.8646		19,971.6641

3.6 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6907	26.4528	7.5442	0.0894	2.3573	0.0278	2.3851	0.6787	0.0265	0.7052		9,721.807 1	9,721.807 1	0.6367		9,737.723 9
Worker	3.5045	1.9666	25.4262	0.0990	13.0413	0.0679	13.1092	3.4584	0.0625	3.5209		9,874.117 8	9,874.117 8	0.2097		9,879.359 2
Total	4.1952	28.4194	32.9704	0.1884	15.3986	0.0957	15.4943	4.1371	0.0890	4.2261		19,595.92 49	19,595.92 49	0.8463		19,617.08 31

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.675 1	1,186.675 1	0.2709		1,193.446 6
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.675 1	1,186.675 1	0.2709		1,193.446 6

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6907	26.4528	7.5442	0.0894	2.3573	0.0278	2.3851	0.6787	0.0265	0.7052		9,721.807 1	9,721.807 1	0.6367		9,737.723 9
Worker	3.5045	1.9666	25.4262	0.0990	13.0413	0.0679	13.1092	3.4584	0.0625	3.5209		9,874.117 8	9,874.117 8	0.2097		9,879.359 2
Total	4.1952	28.4194	32.9704	0.1884	15.3986	0.0957	15.4943	4.1371	0.0890	4.2261		19,595.92 49	19,595.92 49	0.8463		19,617.08 31

3.6 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.675 1	1,186.675 1	0.2709		1,193.446 6
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.675 1	1,186.675 1	0.2709		1,193.446 6

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6786	26.1397	7.4890	0.0889	2.3573	0.0271	2.3844	0.6787	0.0259	0.7046		9,677.797 1	9,677.797 1	0.6325		9,693.610 3
Worker	3.3154	1.8464	24.1186	0.0962	13.0413	0.0630	13.1043	3.4584	0.0579	3.5164		9,602.482 2	9,602.482 2	0.1980		9,607.431 3
Total	3.9940	27.9861	31.6076	0.1852	15.3986	0.0901	15.4887	4.1371	0.0838	4.2210		19,280.27 93	19,280.27 93	0.8305		19,301.04 16

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.675 1	1,186.675 1	0.2709		1,193.446 6
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.675 1	1,186.675 1	0.2709		1,193.446 6

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6786	26.1397	7.4890	0.0889	2.3573	0.0271	2.3844	0.6787	0.0259	0.7046		9,677.797 1	9,677.797 1	0.6325		9,693.610 3
Worker	3.3154	1.8464	24.1186	0.0962	13.0413	0.0630	13.1043	3.4584	0.0579	3.5164		9,602.482 2	9,602.482 2	0.1980		9,607.431 3
Total	3.9940	27.9861	31.6076	0.1852	15.3986	0.0901	15.4887	4.1371	0.0838	4.2210		19,280.27 93	19,280.27 93	0.8305		19,301.04 16

3.6 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.358 9	1,339.358 9	0.0538		1,340.703 9
Total	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.358 9	1,339.358 9	0.0538		1,340.703 9

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6693	25.8746	7.4602	0.0885	2.3573	0.0266	2.3839	0.6787	0.0254	0.7041		9,642.1996	9,642.1996	0.6290		9,657.9233
Worker	3.1080	1.7304	22.8789	0.0938	13.0413	0.0585	13.0998	3.4584	0.0538	3.5122		9,363.8584	9,363.8584	0.1870		9,368.5321
Total	3.7773	27.6050	30.3392	0.1824	15.3986	0.0851	15.4836	4.1371	0.0792	4.2163		19,006.0580	19,006.0580	0.8159		19,026.4554

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.3589	1,339.3589	0.0538		1,340.7039
Total	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.3589	1,339.3589	0.0538		1,340.7039

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6693	25.8746	7.4602	0.0885	2.3573	0.0266	2.3839	0.6787	0.0254	0.7041		9,642.1996	9,642.1996	0.6290		9,657.9233
Worker	3.1080	1.7304	22.8789	0.0938	13.0413	0.0585	13.0998	3.4584	0.0538	3.5122		9,363.8584	9,363.8584	0.1870		9,368.5321
Total	3.7773	27.6050	30.3392	0.1824	15.3986	0.0851	15.4836	4.1371	0.0792	4.2163		19,006.0580	19,006.0580	0.8159		19,026.4554

3.6 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.3589	1,339.3589	0.0538		1,340.7039
Total	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.3589	1,339.3589	0.0538		1,340.7039

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6618	25.6455	7.4357	0.0882	2.3573	0.0261	2.3834	0.6787	0.0250	0.7037		9,612.3133	9,612.3133	0.6256		9,627.9540
Worker	2.8882	1.6222	21.7040	0.0917	13.0413	0.0544	13.0957	3.4584	0.0500	3.5084		9,155.2120	9,155.2120	0.1770		9,159.6372
Total	3.5500	27.2677	29.1398	0.1799	15.3986	0.0805	15.4791	4.1371	0.0750	4.2121		18,767.5252	18,767.5252	0.8026		18,787.5912

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.3589	1,339.3589	0.0538		1,340.7039
Total	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.3589	1,339.3589	0.0538		1,340.7039

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6618	25.6455	7.4357	0.0882	2.3573	0.0261	2.3834	0.6787	0.0250	0.7037		9,612.3133	9,612.3133	0.6256		9,627.9540
Worker	2.8882	1.6222	21.7040	0.0917	13.0413	0.0544	13.0957	3.4584	0.0500	3.5084		9,155.2120	9,155.2120	0.1770		9,159.6372
Total	3.5500	27.2677	29.1398	0.1799	15.3986	0.0805	15.4791	4.1371	0.0750	4.2121		18,767.5252	18,767.5252	0.8026		18,787.5912

3.6 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.3589	1,339.3589	0.0538		1,340.7039
Total	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.3589	1,339.3589	0.0538		1,340.7039

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6559	25.4413	7.4249	0.0879	2.3573	0.0257	2.3831	0.6787	0.0246	0.7033		9,590.358 1	9,590.358 1	0.6229		9,605.930 0
Worker	2.6940	1.5324	20.6928	0.0899	13.0413	0.0506	13.0919	3.4584	0.0466	3.5050		8,974.203 1	8,974.203 1	0.1689		8,978.424 7
Total	3.3499	26.9737	28.1176	0.1778	15.3986	0.0764	15.4750	4.1371	0.0712	4.2083		18,564.56 12	18,564.56 12	0.7918		18,584.35 47

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.358 9	1,339.358 9	0.0538		1,340.703 9
Total	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.358 9	1,339.358 9	0.0538		1,340.703 9

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.6 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6559	25.4413	7.4249	0.0879	2.3573	0.0257	2.3831	0.6787	0.0246	0.7033		9,590.3581	9,590.3581	0.6229		9,605.9300
Worker	2.6940	1.5324	20.6928	0.0899	13.0413	0.0506	13.0919	3.4584	0.0466	3.5050		8,974.2031	8,974.2031	0.1689		8,978.4247
Total	3.3499	26.9737	28.1176	0.1778	15.3986	0.0764	15.4750	4.1371	0.0712	4.2083		18,564.5612	18,564.5612	0.7918		18,584.3547

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7349	0.4190	5.3555	0.0204	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		2,034.681 1	2,034.681 1	0.0444		2,035.791 5
Total	0.7349	0.4190	5.3555	0.0204	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		2,034.681 1	2,034.681 1	0.0444		2,035.791 5

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

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3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7349	0.4190	5.3555	0.0204	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		2,034.681 1	2,034.681 1	0.0444		2,035.791 5
Total	0.7349	0.4190	5.3555	0.0204	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		2,034.681 1	2,034.681 1	0.0444		2,035.791 5

3.7 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.7 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7002	0.3929	5.0803	0.0198	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,972.8894	1,972.8894	0.0419		1,973.9366
Total	0.7002	0.3929	5.0803	0.0198	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,972.8894	1,972.8894	0.0419		1,973.9366

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.7 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7002	0.3929	5.0803	0.0198	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,972.8894	1,972.8894	0.0419		1,973.9366
Total	0.7002	0.3929	5.0803	0.0198	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,972.8894	1,972.8894	0.0419		1,973.9366

3.7 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.7 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6624	0.3689	4.8190	0.0192	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,918.615 4	1,918.615 4	0.0396		1,919.604 3
Total	0.6624	0.3689	4.8190	0.0192	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,918.615 4	1,918.615 4	0.0396		1,919.604 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					
Archit. Coating	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.7 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6624	0.3689	4.8190	0.0192	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,918.615 4	1,918.615 4	0.0396		1,919.604 3
Total	0.6624	0.3689	4.8190	0.0192	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,918.615 4	1,918.615 4	0.0396		1,919.604 3

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0654	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664
Total	7.0168	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.7 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6210	0.3457	4.5713	0.0188	2.6057	0.0117	2.6174	0.6910	0.0108	0.7018		1,870.937 4	1,870.937 4	0.0374		1,871.871 3
Total	0.6210	0.3457	4.5713	0.0188	2.6057	0.0117	2.6174	0.6910	0.0108	0.7018		1,870.937 4	1,870.937 4	0.0374		1,871.871 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					
Archit. Coating	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.7 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6210	0.3457	4.5713	0.0188	2.6057	0.0117	2.6174	0.6910	0.0108	0.7018		1,870.9374	1,870.9374	0.0374		1,871.8713
Total	0.6210	0.3457	4.5713	0.0188	2.6057	0.0117	2.6174	0.6910	0.0108	0.7018		1,870.9374	1,870.9374	0.0374		1,871.8713

3.7 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0654	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664
Total	7.0168	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.7 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5771	0.3241	4.3366	0.0183	2.6057	0.0109	2.6166	0.6910	9.9900e-003	0.7010		1,829.2490	1,829.2490	0.0354		1,830.1332
Total	0.5771	0.3241	4.3366	0.0183	2.6057	0.0109	2.6166	0.6910	9.9900e-003	0.7010		1,829.2490	1,829.2490	0.0354		1,830.1332

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.7 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5771	0.3241	4.3366	0.0183	2.6057	0.0109	2.6166	0.6910	9.9900e-003	0.7010		1,829.2490	1,829.2490	0.0354		1,830.1332
Total	0.5771	0.3241	4.3366	0.0183	2.6057	0.0109	2.6166	0.6910	9.9900e-003	0.7010		1,829.2490	1,829.2490	0.0354		1,830.1332

3.7 Architectural Coating - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0654	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664
Total	7.0168	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.7 Architectural Coating - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5383	0.3062	4.1345	0.0180	2.6057	0.0101	2.6158	0.6910	9.3100e-003	0.7003		1,793.0827	1,793.0827	0.0337		1,793.9262
Total	0.5383	0.3062	4.1345	0.0180	2.6057	0.0101	2.6158	0.6910	9.3100e-003	0.7003		1,793.0827	1,793.0827	0.0337		1,793.9262

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

3.7 Architectural Coating - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5383	0.3062	4.1345	0.0180	2.6057	0.0101	2.6158	0.6910	9.3100e-003	0.7003		1,793.0827	1,793.0827	0.0337		1,793.9262
Total	0.5383	0.3062	4.1345	0.0180	2.6057	0.0101	2.6158	0.6910	9.3100e-003	0.7003		1,793.0827	1,793.0827	0.0337		1,793.9262

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.1033	20.5187	66.3105	0.2824	31.4203	0.1732	31.5935	8.3941	0.1609	8.5550		28,903.78 45	28,903.78 45	1.3159		28,936.68 17
Unmitigated	5.1033	20.5187	66.3105	0.2824	31.4203	0.1732	31.5935	8.3941	0.1609	8.5550		28,903.78 45	28,903.78 45	1.3159		28,936.68 17

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012
Total	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012

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
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.00	18.00	40.00	86	11	3

4.4 Fleet Mix

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Other Asphalt Surfaces	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

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	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
NaturalGas Unmitigated	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25373.2	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Total		0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25.3732	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Total		0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220

6.0 Area Detail

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

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	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545
Unmitigated	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.7836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.7687	6.5689	2.7953	0.0419		0.5311	0.5311		0.5311	0.5311	0.0000	8,385.8824	8,385.8824	0.1607	0.1537	8,435.7155
Landscaping	0.9751	0.3757	32.5890	1.7300e-003		0.1812	0.1812		0.1812	0.1812		58.8372	58.8372	0.0561		60.2391
Total	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.7836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.7687	6.5689	2.7953	0.0419		0.5311	0.5311		0.5311	0.5311	0.0000	8,385.8824	8,385.8824	0.1607	0.1537	8,435.7155
Landscaping	0.9751	0.3757	32.5890	1.7300e-003		0.1812	0.1812		0.1812	0.1812		58.8372	58.8372	0.0561		60.2391
Total	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545

7.0 Water Detail

7.1 Mitigation Measures Water

- Apply Water Conservation Strategy
- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Summer

Institute Recycling and Composting Services

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

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

Ocean Breeze Ranch 2030 Operations (Revised 2024)
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	32.00	Acre	32.00	1,393,920.00	0
City Park	16.00	Acre	16.00	696,960.00	0
Single Family Housing	396.00	Dwelling Unit	264.00	712,800.00	1133

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	402.51	CH4 Intensity (lb/MWhr)	0.016	N2O Intensity (lb/MWhr)	0.003

1.3 User Entered Comments & Non-Default Data

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

Project Characteristics - rps for fully operational year 2030 50% RPS

Land Use - Proposed project... Project Engineer estimated 32 acres of paving

Construction Phase - Project Construction Durations Modified for 3 years later than approved Project

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Trips and VMT - Project soil export and import hauling length would be from moving material onsite.

Demolition -

Grading - 945000 cf onsite earthwork haulage... 1,500' only though 0.5 mile was assumed. 312 ac with multiple passes

Architectural Coating - rule 67 paint

Vehicle Trips - per TS 396 units to generate 3,990 trips 10.08 trips per average unit. Parks would be primarily for project usage and would not generate trips per TS

Woodstoves - PDF - All fireplaces are Natural Gas

Area Coating - rule 67 paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Tier 3 with DPF

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix -

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	400.00	15.00
tblConstructionPhase	NumDays	240.00	90.00

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

tblConstructionPhase	NumDays	620.00	285.00
tblConstructionPhase	NumDays	440.00	40.00
tblConstructionPhase	NumDays	6,200.00	1,488.00
tblConstructionPhase	NumDays	440.00	1,339.00
tblFireplaces	NumberGas	217.80	396.00
tblFireplaces	NumberNoFireplace	39.60	0.00
tblFireplaces	NumberWood	138.60	0.00
tblGrading	AcresOfGrading	1,567.50	1,550.00
tblGrading	AcresOfGrading	0.00	1,550.00
tblGrading	MaterialExported	0.00	347,500.00
tblGrading	MaterialExported	0.00	125,000.00
tblGrading	MaterialImported	0.00	347,500.00
tblGrading	MaterialImported	0.00	125,000.00
tblLandUse	LotAcreage	128.57	264.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	UsageHours	6.00	3.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	5.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	4.00

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

tblProjectCharacteristics	CH4IntensityFactor	0.029	0.016
tblProjectCharacteristics	CO2IntensityFactor	720.49	402.51
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblVehicleTrips	HO_TTP	39.60	40.00
tblVehicleTrips	HS_TTP	18.80	18.00
tblVehicleTrips	HW_TTP	41.60	42.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	10.08
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	10.08
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	10.08
tblWoodstoves	NumberCatalytic	19.80	0.00
tblWoodstoves	NumberNoncatalytic	19.80	0.00

2.0 Emissions Summary

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	7.3749	88.9234	60.4768	0.1759	37.1095	2.6505	38.2091	12.0670	2.4422	13.2865	0.0000	17,442.7685	17,442.7685	4.8452	0.0000	17,563.8970
2026	7.3575	88.6408	60.4033	0.1997	24.9953	2.6494	27.6447	10.8230	2.4411	13.2640	0.0000	20,626.0593	20,626.0593	4.8255	0.0000	20,655.4194
2027	13.6348	35.7803	46.1575	0.2165	18.0043	0.3885	18.3928	4.8281	0.3660	5.1941	0.0000	22,294.4839	22,294.4839	1.2019	0.0000	22,324.5300
2028	13.3838	35.3018	44.5632	0.2125	18.0043	0.3812	18.3855	4.8281	0.3593	5.1874	0.0000	21,903.5606	21,903.5606	1.1807	0.0000	21,933.0778
2029	13.1094	34.8284	43.0370	0.2089	18.0043	0.3745	18.3788	4.8281	0.3531	5.1812	0.0000	21,555.6849	21,555.6849	1.1623	0.0000	21,584.7420
2030	12.7554	32.1961	41.6469	0.2076	18.0043	0.1764	18.1807	4.8281	0.1696	4.9977	0.0000	21,405.2547	21,405.2547	0.9263	0.0000	21,428.4122
2031	12.4370	31.8223	40.2991	0.2049	18.0043	0.1709	18.1752	4.8281	0.1645	4.9926	0.0000	21,141.2091	21,141.2091	0.9110	0.0000	21,163.9838
2032	12.1553	31.4978	39.1522	0.2026	18.0043	0.1660	18.1703	4.8281	0.1600	4.9881	0.0000	20,915.6258	20,915.6258	0.8984	0.0000	20,938.0857
Maximum	13.6348	88.9234	60.4768	0.2165	37.1095	2.6505	38.2091	12.0670	2.4422	13.2865	0.0000	22,294.4839	22,294.4839	4.8452	0.0000	22,324.5300

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545
Energy	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Mobile	4.9410	21.0655	63.9601	0.2685	31.4203	0.1736	31.5939	8.3941	0.1613	8.5554		27,496.1489	27,496.1489	1.3146		27,529.0147
Total	25.2921	30.3484	100.3395	0.3270	31.4203	1.0750	32.4952	8.3941	1.0627	9.4568	0.0000	38,925.9515	38,925.9515	1.5886	0.2085	39,027.7912

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	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545
Energy	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Mobile	4.9410	21.0655	63.9601	0.2685	31.4203	0.1736	31.5939	8.3941	0.1613	8.5554		27,496.1489	27,496.1489	1.3146		27,529.0147
Total	25.2921	30.3484	100.3395	0.3270	31.4203	1.0750	32.4952	8.3941	1.0627	9.4568	0.0000	38,925.9515	38,925.9515	1.5886	0.2085	39,027.7912

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2025	3/21/2025	5	15	
2	Site Preparation	Site Preparation	3/22/2025	7/25/2025	5	90	
3	Grading	Grading	7/26/2025	8/28/2026	5	285	
4	Paving	Paving	8/29/2026	10/23/2026	5	40	
5	Building Construction	Building Construction	10/24/2026	7/7/2032	5	1488	
6	Architectural Coating	Architectural Coating	5/21/2027	7/7/2032	5	1339	

Acres of Grading (Site Preparation Phase): 1550

Acres of Grading (Grading Phase): 1550

Acres of Paving: 32

Residential Indoor: 1,443,420; Residential Outdoor: 481,140; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 83,635 (Architectural Coating – sqft)

OffRoad Equipment

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Excavators	1	5.00	158	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Bore/Drill Rigs	2	3.00	221	0.50
Grading	Crushing/Proc. Equipment	1	3.00	85	0.78
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	3	8.00	187	0.41
Grading	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
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
Building Construction	Cranes	1	3.00	231	0.29
Building Construction	Forklifts	3	4.00	89	0.20
Building Construction	Generator Sets	1	4.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	3.00	97	0.37
Building Construction	Welders	1	4.00	46	0.45
Architectural Coating	Air Compressors	1	3.00	78	0.48

Trips and VMT

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	1	3.00	0.00	68.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	31,250.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Grading	19	48.00	0.00	86,875.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,021.00	385.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	204.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

3.2 Demolition - 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					
Fugitive Dust					0.9966	0.0000	0.9966	0.1509	0.0000	0.1509			0.0000			0.0000
Off-Road	0.1045	0.7635	2.0371	3.2300e-003		0.0374	0.0374		0.0344	0.0344		312.7112	312.7112	0.1011		315.2396
Total	0.1045	0.7635	2.0371	3.2300e-003	0.9966	0.0374	1.0341	0.1509	0.0344	0.1854		312.7112	312.7112	0.1011		315.2396

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.2 Demolition - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0225	0.6989	0.2842	3.2000e-003	0.0792	1.3300e-003	0.0805	0.0217	1.2700e-003	0.0230		354.3652	354.3652	0.0332		355.1958
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0138	7.9400e-003	0.0812	3.0000e-004	0.0383	2.4000e-004	0.0386	0.0102	2.2000e-004	0.0104		30.1585	30.1585	7.0000e-004		30.1759
Total	0.0363	0.7068	0.3653	3.5000e-003	0.1175	1.5700e-003	0.1191	0.0319	1.4900e-003	0.0334		384.5237	384.5237	0.0339		385.3717

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9966	0.0000	0.9966	0.1509	0.0000	0.1509			0.0000			0.0000
Off-Road	0.0794	1.5354	2.4488	3.2300e-003		0.0111	0.0111		0.0111	0.0111	0.0000	312.7112	312.7112	0.1011		315.2396
Total	0.0794	1.5354	2.4488	3.2300e-003	0.9966	0.0111	1.0078	0.1509	0.0111	0.1621	0.0000	312.7112	312.7112	0.1011		315.2396

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.2 Demolition - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0225	0.6989	0.2842	3.2000e-003	0.0792	1.3300e-003	0.0805	0.0217	1.2700e-003	0.0230		354.3652	354.3652	0.0332		355.1958
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0138	7.9400e-003	0.0812	3.0000e-004	0.0383	2.4000e-004	0.0386	0.0102	2.2000e-004	0.0104		30.1585	30.1585	7.0000e-004		30.1759
Total	0.0363	0.7068	0.3653	3.5000e-003	0.1175	1.5700e-003	0.1191	0.0319	1.4900e-003	0.0334		384.5237	384.5237	0.0339		385.3717

3.3 Site Preparation - 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					
Fugitive Dust					36.7208	0.0000	36.7208	11.9619	0.0000	11.9619			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	36.7208	1.0868	37.8076	11.9619	0.9999	12.9617		3,689.1037	3,689.1037	1.1931		3,718.9320

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.3 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4362	26.1930	4.8598	0.0345	0.1588	0.0114	0.1702	0.0442	0.0109	0.0551		3,806.524 4	3,806.524 4	0.5656		3,820.663 2
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0830	0.0476	0.4869	1.8100e-003	0.2299	1.4100e-003	0.2313	0.0610	1.3000e-003	0.0623		180.9508	180.9508	4.1800e-003		181.0553
Total	0.5192	26.2406	5.3467	0.0363	0.3888	0.0128	0.4016	0.1051	0.0122	0.1173		3,987.475 2	3,987.475 2	0.5697		4,001.718 5

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					36.7208	0.0000	36.7208	11.9619	0.0000	11.9619			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0381		0.1419	0.1419		0.1419	0.1419	0.0000	3,689.103 7	3,689.103 7	1.1931		3,718.932 0
Total	0.9312	19.0656	22.9600	0.0381	36.7208	0.1419	36.8627	11.9619	0.1419	12.1038	0.0000	3,689.103 7	3,689.103 7	1.1931		3,718.932 0

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.3 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4362	26.1930	4.8598	0.0345	0.1588	0.0114	0.1702	0.0442	0.0109	0.0551		3,806.524 4	3,806.524 4	0.5656		3,820.663 2
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0830	0.0476	0.4869	1.8100e-003	0.2299	1.4100e-003	0.2313	0.0610	1.3000e-003	0.0623		180.9508	180.9508	4.1800e-003		181.0553
Total	0.5192	26.2406	5.3467	0.0363	0.3888	0.0128	0.4016	0.1051	0.0122	0.1173		3,987.475 2	3,987.475 2	0.5697		4,001.718 5

3.4 Grading - 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					
Fugitive Dust					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	6.7707	65.8017	54.9120	0.1407		2.6368	2.6368		2.4292	2.4292		13,618.50 53	13,618.50 53	4.3375		13,726.94 27
Total	6.7707	65.8017	54.9120	0.1407	24.1766	2.6368	26.8133	10.6053	2.4292	13.0345		13,618.50 53	13,618.50 53	4.3375		13,726.94 27

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.4 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3829	22.9947	4.2664	0.0303	0.2928	0.0100	0.3028	0.0764	9.5700e-003	0.0860		3,341.7277	3,341.7277	0.4965		3,354.1401
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2213	0.1270	1.2985	4.8400e-003	0.6131	3.7700e-003	0.6169	0.1626	3.4700e-003	0.1661		482.5355	482.5355	0.0112		482.8142
Total	0.6042	23.1217	5.5648	0.0351	0.9059	0.0138	0.9197	0.2390	0.0130	0.2520		3,824.2632	3,824.2632	0.5077		3,836.9543

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	3.4426	67.5377	80.6543	0.1407		0.4266	0.4266		0.4266	0.4266	0.0000	13,618.5053	13,618.5053	4.3375		13,726.9427
Total	3.4426	67.5377	80.6543	0.1407	24.1766	0.4266	24.6031	10.6053	0.4266	11.0319	0.0000	13,618.5053	13,618.5053	4.3375		13,726.9427

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.4 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3829	22.9947	4.2664	0.0303	0.2928	0.0100	0.3028	0.0764	9.5700e-003	0.0860		3,341.7277	3,341.7277	0.4965		3,354.1401
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2213	0.1270	1.2985	4.8400e-003	0.6131	3.7700e-003	0.6169	0.1626	3.4700e-003	0.1661		482.5355	482.5355	0.0112		482.8142
Total	0.6042	23.1217	5.5648	0.0351	0.9059	0.0138	0.9197	0.2390	0.0130	0.2520		3,824.2632	3,824.2632	0.5077		3,836.9543

3.4 Grading - 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	lb/day										lb/day					
Fugitive Dust					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	6.7707	65.8017	54.9120	0.1407		2.6368	2.6368		2.4292	2.4292		13,618.5053	13,618.5053	4.3375		13,726.9427
Total	6.7707	65.8017	54.9120	0.1407	24.1766	2.6368	26.8133	10.6053	2.4292	13.0345		13,618.5053	13,618.5053	4.3375		13,726.9427

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.4 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3739	22.7209	4.2708	0.0299	0.2056	8.9400e-003	0.2146	0.0550	8.5500e-003	0.0636		3,304.2253	3,304.2253	0.4776		3,316.1663
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2129	0.1182	1.2205	4.6600e-003	0.6131	3.6500e-003	0.6168	0.1626	3.3600e-003	0.1660		464.8612	464.8612	0.0104		465.1209
Total	0.5868	22.8391	5.4913	0.0346	0.8188	0.0126	0.8313	0.2176	0.0119	0.2295		3,769.0865	3,769.0865	0.4880		3,781.2872

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					24.1766	0.0000	24.1766	10.6053	0.0000	10.6053			0.0000			0.0000
Off-Road	3.4426	67.5377	80.6543	0.1407		0.4266	0.4266		0.4266	0.4266	0.0000	13,618.5053	13,618.5053	4.3375		13,726.9427
Total	3.4426	67.5377	80.6543	0.1407	24.1766	0.4266	24.6031	10.6053	0.4266	11.0319	0.0000	13,618.5053	13,618.5053	4.3375		13,726.9427

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.4 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3739	22.7209	4.2708	0.0299	0.2056	8.9400e-003	0.2146	0.0550	8.5500e-003	0.0636		3,304.2253	3,304.2253	0.4776		3,316.1663
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2129	0.1182	1.2205	4.6600e-003	0.6131	3.6500e-003	0.6168	0.1626	3.3600e-003	0.1660		464.8612	464.8612	0.0104		465.1209
Total	0.5868	22.8391	5.4913	0.0346	0.8188	0.0126	0.8313	0.2176	0.0119	0.2295		3,769.0865	3,769.0865	0.4880		3,781.2872

3.5 Paving - 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	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	2.0960					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.0112	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

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.5 Paving - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0665	0.0370	0.3814	1.4600e-003	0.1916	1.1400e-003	0.1927	0.0508	1.0500e-003	0.0519		145.2691	145.2691	3.2500e-003		145.3503
Total	0.0665	0.0370	0.3814	1.4600e-003	0.1916	1.1400e-003	0.1927	0.0508	1.0500e-003	0.0519		145.2691	145.2691	3.2500e-003		145.3503

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5609	11.2952	17.2957	0.0228		0.0914	0.0914		0.0914	0.0914	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	2.0960					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6569	11.2952	17.2957	0.0228		0.0914	0.0914		0.0914	0.0914	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.5 Paving - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0665	0.0370	0.3814	1.4600e-003	0.1916	1.1400e-003	0.1927	0.0508	1.0500e-003	0.0519		145.2691	145.2691	3.2500e-003		145.3503
Total	0.0665	0.0370	0.3814	1.4600e-003	0.1916	1.1400e-003	0.1927	0.0508	1.0500e-003	0.0519		145.2691	145.2691	3.2500e-003		145.3503

3.6 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7598	26.9638	8.4643	0.0881	2.3573	0.0303	2.3876	0.6787	0.0290	0.7077		9,551.3987	9,551.3987	0.6826		9,568.4637
Worker	4.5291	2.5151	25.9619	0.0991	13.0413	0.0776	13.1189	3.4584	0.0715	3.5299		9,887.9855	9,887.9855	0.2209		9,893.5091
Total	5.2889	29.4789	34.4261	0.1872	15.3986	0.1079	15.5065	4.1371	0.1004	4.2375		19,439.3842	19,439.3842	0.9035		19,461.9728

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7598	26.9638	8.4643	0.0881	2.3573	0.0303	2.3876	0.6787	0.0290	0.7077		9,551.3987	9,551.3987	0.6826		9,568.4637
Worker	4.5291	2.5151	25.9619	0.0991	13.0413	0.0776	13.1189	3.4584	0.0715	3.5299		9,887.9855	9,887.9855	0.2209		9,893.5091
Total	5.2889	29.4789	34.4261	0.1872	15.3986	0.1079	15.5065	4.1371	0.1004	4.2375		19,439.3842	19,439.3842	0.9035		19,461.9728

3.6 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7425	26.6023	8.3518	0.0875	2.3573	0.0295	2.3868	0.6787	0.0282	0.7069		9,500.8699	9,500.8699	0.6751		9,517.7472
Worker	4.3474	2.3493	24.4918	0.0958	13.0413	0.0734	13.1147	3.4584	0.0675	3.5260		9,556.7391	9,556.7391	0.2069		9,561.9111
Total	5.0899	28.9516	32.8436	0.1833	15.3986	0.1029	15.5015	4.1371	0.0957	4.2328		19,057.6090	19,057.6090	0.8820		19,079.6583

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7425	26.6023	8.3518	0.0875	2.3573	0.0295	2.3868	0.6787	0.0282	0.7069		9,500.8699	9,500.8699	0.6751		9,517.7472
Worker	4.3474	2.3493	24.4918	0.0958	13.0413	0.0734	13.1147	3.4584	0.0675	3.5260		9,556.7391	9,556.7391	0.2069		9,561.9111
Total	5.0899	28.9516	32.8436	0.1833	15.3986	0.1029	15.5015	4.1371	0.0957	4.2328		19,057.6090	19,057.6090	0.8820		19,079.6583

3.6 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7289	26.2999	8.2907	0.0871	2.3573	0.0288	2.3861	0.6787	0.0275	0.7062		9,458.6117	9,458.6117	0.6682		9,475.3163
Worker	4.1496	2.2026	23.2139	0.0929	13.0413	0.0679	13.1092	3.4584	0.0625	3.5209		9,266.1375	9,266.1375	0.1950		9,271.0126
Total	4.8785	28.5025	31.5046	0.1799	15.3986	0.0967	15.4953	4.1371	0.0900	4.2271		18,724.7492	18,724.7492	0.8632		18,746.3288

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7289	26.2999	8.2907	0.0871	2.3573	0.0288	2.3861	0.6787	0.0275	0.7062		9,458.6117	9,458.6117	0.6682		9,475.3163
Worker	4.1496	2.2026	23.2139	0.0929	13.0413	0.0679	13.1092	3.4584	0.0625	3.5209		9,266.1375	9,266.1375	0.1950		9,271.0126
Total	4.8785	28.5025	31.5046	0.1799	15.3986	0.0967	15.4953	4.1371	0.0900	4.2271		18,724.7492	18,724.7492	0.8632		18,746.3288

3.6 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.6394	5.7865	7.5157	0.0125		0.2452	0.2452		0.2311	0.2311		1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7159	25.9887	8.2235	0.0866	2.3573	0.0280	2.3853	0.6787	0.0267	0.7054		9,417.2173	9,417.2173	0.6630		9,433.7921
Worker	3.9318	2.0674	21.9979	0.0903	13.0413	0.0630	13.1043	3.4584	0.0579	3.5164		9,010.6947	9,010.6947	0.1840		9,015.2945
Total	4.6476	28.0560	30.2214	0.1769	15.3986	0.0910	15.4895	4.1371	0.0847	4.2218		18,427.9120	18,427.9120	0.8470		18,449.0865

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466
Total	0.3139	6.6165	8.3058	0.0125		0.0634	0.0634		0.0634	0.0634	0.0000	1,186.6751	1,186.6751	0.2709		1,193.4466

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7159	25.9887	8.2235	0.0866	2.3573	0.0280	2.3853	0.6787	0.0267	0.7054		9,417.217 3	9,417.217 3	0.6630		9,433.792 1
Worker	3.9318	2.0674	21.9979	0.0903	13.0413	0.0630	13.1043	3.4584	0.0579	3.5164		9,010.694 7	9,010.694 7	0.1840		9,015.294 5
Total	4.6476	28.0560	30.2214	0.1769	15.3986	0.0910	15.4895	4.1371	0.0847	4.2218		18,427.91 20	18,427.91 20	0.8470		18,449.08 65

3.6 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.358 9	1,339.358 9	0.0538		1,340.703 9
Total	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.358 9	1,339.358 9	0.0538		1,340.703 9

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7058	25.7251	8.1863	0.0862	2.3573	0.0273	2.3846	0.6787	0.0261	0.7048		9,383.544 0	9,383.544 0	0.6585		9,400.006 4
Worker	3.6898	1.9366	20.8431	0.0880	13.0413	0.0585	13.0998	3.4584	0.0538	3.5122		8,786.124 0	8,786.124 0	0.1736		8,790.464 6
Total	4.3957	27.6617	29.0294	0.1742	15.3986	0.0858	15.4844	4.1371	0.0799	4.2170		18,169.66 80	18,169.66 80	0.8321		18,190.47 10

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.358 9	1,339.358 9	0.0538		1,340.703 9
Total	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.358 9	1,339.358 9	0.0538		1,340.703 9

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7058	25.7251	8.1863	0.0862	2.3573	0.0273	2.3846	0.6787	0.0261	0.7048		9,383.5440	9,383.5440	0.6585		9,400.0064
Worker	3.6898	1.9366	20.8431	0.0880	13.0413	0.0585	13.0998	3.4584	0.0538	3.5122		8,786.1240	8,786.1240	0.1736		8,790.4646
Total	4.3957	27.6617	29.0294	0.1742	15.3986	0.0858	15.4844	4.1371	0.0799	4.2170		18,169.6680	18,169.6680	0.8321		18,190.4710

3.6 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.3589	1,339.3589	0.0538		1,340.7039
Total	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.3589	1,339.3589	0.0538		1,340.7039

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6978	25.4977	8.1546	0.0859	2.3573	0.0268	2.3841	0.6787	0.0256	0.7043		9,355.2499	9,355.2499	0.6544		9,371.6106
Worker	3.4311	1.8145	19.7462	0.0861	13.0413	0.0544	13.0957	3.4584	0.0500	3.5084		8,589.6323	8,589.6323	0.1643		8,593.7386
Total	4.1289	27.3123	27.9008	0.1719	15.3986	0.0812	15.4798	4.1371	0.0756	4.2127		17,944.8822	17,944.8822	0.8187		17,965.3492

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.3589	1,339.3589	0.0538		1,340.7039
Total	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.3589	1,339.3589	0.0538		1,340.7039

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6978	25.4977	8.1546	0.0859	2.3573	0.0268	2.3841	0.6787	0.0256	0.7043		9,355.2499	9,355.2499	0.6544		9,371.6106
Worker	3.4311	1.8145	19.7462	0.0861	13.0413	0.0544	13.0957	3.4584	0.0500	3.5084		8,589.6323	8,589.6323	0.1643		8,593.7386
Total	4.1289	27.3123	27.9008	0.1719	15.3986	0.0812	15.4798	4.1371	0.0756	4.2127		17,944.8822	17,944.8822	0.8187		17,965.3492

3.6 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.3589	1,339.3589	0.0538		1,340.7039
Total	0.6057	3.7193	7.5541	0.0143		0.0687	0.0687		0.0687	0.0687		1,339.3589	1,339.3589	0.0538		1,340.7039

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6914	25.2948	8.1392	0.0856	2.3573	0.0264	2.3837	0.6787	0.0252	0.7039		9,334.2214	9,334.2214	0.6510		9,350.4974
Worker	3.2017	1.7132	18.8032	0.0843	13.0413	0.0506	13.0919	3.4584	0.0466	3.5050		8,419.1423	8,419.1423	0.1566		8,423.0567
Total	3.8930	27.0080	26.9424	0.1700	15.3986	0.0770	15.4756	4.1371	0.0718	4.2089		17,753.3636	17,753.3636	0.8076		17,773.5540

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.3589	1,339.3589	0.0538		1,340.7039
Total	0.3139	6.6165	8.3058	0.0143		0.0634	0.0634		0.0634	0.0634	0.0000	1,339.3589	1,339.3589	0.0538		1,340.7039

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.6 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6914	25.2948	8.1392	0.0856	2.3573	0.0264	2.3837	0.6787	0.0252	0.7039		9,334.2214	9,334.2214	0.6510		9,350.4974
Worker	3.2017	1.7132	18.8032	0.0843	13.0413	0.0506	13.0919	3.4584	0.0466	3.5050		8,419.1423	8,419.1423	0.1566		8,423.0567
Total	3.8930	27.0080	26.9424	0.1700	15.3986	0.0770	15.4756	4.1371	0.0718	4.2089		17,753.3636	17,753.3636	0.8076		17,773.5540

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8686	0.4694	4.8936	0.0191	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		1,909.4758	1,909.4758	0.0413		1,910.5092
Total	0.8686	0.4694	4.8936	0.0191	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		1,909.4758	1,909.4758	0.0413		1,910.5092

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8686	0.4694	4.8936	0.0191	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		1,909.4758	1,909.4758	0.0413		1,910.5092
Total	0.8686	0.4694	4.8936	0.0191	2.6057	0.0147	2.6204	0.6910	0.0135	0.7045		1,909.4758	1,909.4758	0.0413		1,910.5092

3.7 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8291	0.4401	4.6382	0.0186	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,851.4124	1,851.4124	0.0390		1,852.3865
Total	0.8291	0.4401	4.6382	0.0186	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,851.4124	1,851.4124	0.0390		1,852.3865

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8291	0.4401	4.6382	0.0186	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,851.412 4	1,851.412 4	0.0390		1,852.386 5
Total	0.8291	0.4401	4.6382	0.0186	2.6057	0.0136	2.6193	0.6910	0.0125	0.7035		1,851.412 4	1,851.412 4	0.0390		1,852.386 5

3.7 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0854	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159
Total	7.0369	0.5728	0.9046	1.4900e-003		0.0258	0.0258		0.0258	0.0258		140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7856	0.4131	4.3953	0.0180	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,800.3739	1,800.3739	0.0368		1,801.2929
Total	0.7856	0.4131	4.3953	0.0180	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,800.3739	1,800.3739	0.0368		1,801.2929

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	7.6800e-003		140.9159

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7856	0.4131	4.3953	0.0180	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,800.373 9	1,800.373 9	0.0368		1,801.292 9
Total	0.7856	0.4131	4.3953	0.0180	2.6057	0.0126	2.6183	0.6910	0.0116	0.7026		1,800.373 9	1,800.373 9	0.0368		1,801.292 9

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0654	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664
Total	7.0168	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7372	0.3870	4.1645	0.0176	2.6057	0.0117	2.6174	0.6910	0.0108	0.7018		1,755.5037	1,755.5037	0.0347		1,756.3710
Total	0.7372	0.3870	4.1645	0.0176	2.6057	0.0117	2.6174	0.6910	0.0108	0.7018		1,755.5037	1,755.5037	0.0347		1,756.3710

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7372	0.3870	4.1645	0.0176	2.6057	0.0117	2.6174	0.6910	0.0108	0.7018		1,755.5037	1,755.5037	0.0347		1,756.3710
Total	0.7372	0.3870	4.1645	0.0176	2.6057	0.0117	2.6174	0.6910	0.0108	0.7018		1,755.5037	1,755.5037	0.0347		1,756.3710

3.7 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0654	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664
Total	7.0168	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6856	0.3626	3.9454	0.0172	2.6057	0.0109	2.6166	0.6910	9.9900e-003	0.7010		1,716.2439	1,716.2439	0.0328		1,717.0643
Total	0.6856	0.3626	3.9454	0.0172	2.6057	0.0109	2.6166	0.6910	9.9900e-003	0.7010		1,716.2439	1,716.2439	0.0328		1,717.0643

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6856	0.3626	3.9454	0.0172	2.6057	0.0109	2.6166	0.6910	9.9900e-003	0.7010		1,716.2439	1,716.2439	0.0328		1,717.0643
Total	0.6856	0.3626	3.9454	0.0172	2.6057	0.0109	2.6166	0.6910	9.9900e-003	0.7010		1,716.2439	1,716.2439	0.0328		1,717.0643

3.7 Architectural Coating - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0654	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664
Total	7.0168	0.4281	0.8989	1.4900e-003		0.0102	0.0102		0.0102	0.0102		140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6397	0.3423	3.7570	0.0169	2.6057	0.0101	2.6158	0.6910	9.3100e-003	0.7003		1,682.1793	1,682.1793	0.0313		1,682.9614
Total	0.6397	0.3423	3.7570	0.0169	2.6057	0.0101	2.6158	0.6910	9.3100e-003	0.7003		1,682.1793	1,682.1793	0.0313		1,682.9614

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.9514					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664
Total	6.9812	0.6785	0.9162	1.4900e-003		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	140.7240	140.7240	5.7000e-003		140.8664

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

3.7 Architectural Coating - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6397	0.3423	3.7570	0.0169	2.6057	0.0101	2.6158	0.6910	9.3100e-003	0.7003		1,682.1793	1,682.1793	0.0313		1,682.9614
Total	0.6397	0.3423	3.7570	0.0169	2.6057	0.0101	2.6158	0.6910	9.3100e-003	0.7003		1,682.1793	1,682.1793	0.0313		1,682.9614

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.9410	21.0655	63.9601	0.2685	31.4203	0.1736	31.5939	8.3941	0.1613	8.5554		27,496.14 89	27,496.14 89	1.3146		27,529.01 47
Unmitigated	4.9410	21.0655	63.9601	0.2685	31.4203	0.1736	31.5939	8.3941	0.1613	8.5554		27,496.14 89	27,496.14 89	1.3146		27,529.01 47

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012
Total	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012

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
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.00	18.00	40.00	86	11	3

4.4 Fleet Mix

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Other Asphalt Surfaces	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.083 1	2,985.083 1	0.0572	0.0547	3,002.822 0
NaturalGas Unmitigated	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.083 1	2,985.083 1	0.0572	0.0547	3,002.822 0

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25373.2	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Total		0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25.3732	0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220
Total		0.2736	2.3383	0.9950	0.0149		0.1891	0.1891		0.1891	0.1891		2,985.0831	2,985.0831	0.0572	0.0547	3,002.8220

6.0 Area Detail

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

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	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.719 6	8,444.719 6	0.2168	0.1537	8,495.954 5
Unmitigated	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.719 6	8,444.719 6	0.2168	0.1537	8,495.954 5

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.7836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.7687	6.5689	2.7953	0.0419		0.5311	0.5311		0.5311	0.5311	0.0000	8,385.8824	8,385.8824	0.1607	0.1537	8,435.7155
Landscaping	0.9751	0.3757	32.5890	1.7300e-003		0.1812	0.1812		0.1812	0.1812		58.8372	58.8372	0.0561		60.2391
Total	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.7836					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.7687	6.5689	2.7953	0.0419		0.5311	0.5311		0.5311	0.5311	0.0000	8,385.8824	8,385.8824	0.1607	0.1537	8,435.7155
Landscaping	0.9751	0.3757	32.5890	1.7300e-003		0.1812	0.1812		0.1812	0.1812		58.8372	58.8372	0.0561		60.2391
Total	20.0775	6.9446	35.3843	0.0437		0.7123	0.7123		0.7123	0.7123	0.0000	8,444.7196	8,444.7196	0.2168	0.1537	8,495.9545

7.0 Water Detail

7.1 Mitigation Measures Water

- Apply Water Conservation Strategy
- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

8.0 Waste Detail

8.1 Mitigation Measures Waste

Ocean Breeze Ranch 2030 Operations (Revised 2024) - San Diego County, Winter

Institute Recycling and Composting Services

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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Ocean Breeze Ranch Existing Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Ocean Breeze Ranch Existing
Construction Start Date	3/1/2022
Operational Year	2033
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	25.0
Location	33.291147553872634, -117.10126560265678
County	San Diego
City	Unincorporated
Air District	San Diego County APCD
Air Basin	San Diego
TAZ	6120
EDFZ	12
Electric Utility	San Diego Gas & Electric
Gas Utility	San Diego Gas & Electric
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
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Single Family Housing	396	Dwelling Unit	129	712,800	4,638,291	—	1,105	—
City Park	16.0	Acre	16.0	0.00	4.00	4.00	—	—
Other Asphalt Surfaces	32.0	Acre	32.0	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-6	Use Diesel Particulate Filters

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.19	4.37	88.9	84.7	0.27	2.80	30.5	33.3	2.55	12.3	14.8	—	35,808	35,808	1.78	3.97	54.9	36,965
Mit.	4.19	4.37	88.9	84.7	0.27	0.76	30.5	31.3	0.72	12.3	13.0	—	35,808	35,808	1.78	3.97	54.9	36,965
% Reduced	—	—	—	—	—	73%	—	6%	72%	—	12%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.16	4.37	90.0	84.6	0.27	2.80	30.5	33.3	2.55	12.3	14.8	—	35,793	35,793	1.78	3.97	1.42	36,903
Mit.	4.16	4.37	90.0	84.6	0.27	0.76	30.5	31.3	0.72	12.3	13.0	—	35,793	35,793	1.78	3.97	1.42	36,903
% Reduced	—	—	—	—	—	73%	—	6%	72%	—	12%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.05	3.12	44.1	43.6	0.13	1.42	16.0	17.2	1.23	6.75	7.83	—	18,390	18,390	0.94	2.09	12.5	19,050
Mit.	2.05	3.12	44.1	43.6	0.13	0.38	16.0	16.4	0.36	6.75	7.12	—	18,390	18,390	0.94	2.09	12.5	19,050
% Reduced	—	—	—	—	—	73%	—	5%	70%	—	9%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.37	0.57	8.05	7.95	0.02	0.26	2.92	3.13	0.22	1.23	1.43	—	3,045	3,045	0.16	0.35	2.07	3,154
Mit.	0.37	0.57	8.05	7.95	0.02	0.07	2.92	2.99	0.07	1.23	1.30	—	3,045	3,045	0.16	0.35	2.07	3,154
% Reduced	—	—	—	—	—	73%	—	5%	70%	—	9%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.19	2.95	88.9	84.7	0.27	2.80	30.5	33.3	2.55	12.3	14.8	—	35,808	35,808	1.78	3.97	54.9	36,965
2026	4.04	2.93	87.8	84.4	0.27	2.80	30.5	33.3	2.41	12.3	14.7	—	35,335	35,335	1.63	3.57	46.2	36,486
2027	0.73	4.37	12.3	20.3	0.02	0.53	0.37	0.90	0.49	0.09	0.57	—	3,007	3,007	0.12	0.04	1.29	3,022
2028	0.72	4.36	12.3	20.2	0.02	0.53	0.37	0.90	0.48	0.09	0.57	—	3,000	3,000	0.11	0.04	1.17	3,015
2029	0.71	4.35	12.2	20.1	0.02	0.53	0.37	0.90	0.48	0.09	0.57	—	2,993	2,993	0.11	0.04	1.05	3,008
2030	0.69	4.34	12.2	20.0	0.02	0.53	0.37	0.89	0.48	0.09	0.56	—	2,987	2,987	0.11	0.04	0.94	3,001
2031	0.68	4.33	12.2	19.9	0.02	0.52	0.37	0.89	0.48	0.09	0.56	—	2,980	2,980	0.11	0.04	0.84	2,994
2032	0.67	4.31	12.2	19.8	0.02	0.52	0.37	0.89	0.48	0.09	0.56	—	2,974	2,974	0.11	0.02	0.74	2,985

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.16	2.92	90.0	84.6	0.27	2.80	30.5	33.3	2.55	12.3	14.8	—	35,793	35,793	1.78	3.97	1.42	36,903
2026	4.00	2.90	88.8	84.3	0.27	2.80	30.5	33.3	2.41	12.3	14.7	—	35,321	35,321	1.64	3.57	1.20	36,428
2027	0.73	4.37	12.3	20.0	0.02	0.53	0.37	0.90	0.49	0.09	0.57	—	2,985	2,985	0.13	0.04	0.03	2,999
2028	0.72	4.36	12.3	20.0	0.02	0.53	0.37	0.90	0.48	0.09	0.57	—	2,978	2,978	0.11	0.04	0.03	2,992
2029	0.71	4.35	12.2	19.9	0.02	0.53	0.37	0.90	0.48	0.09	0.57	—	2,972	2,972	0.11	0.04	0.03	2,985
2030	0.69	4.34	12.2	19.8	0.02	0.53	0.37	0.89	0.48	0.09	0.56	—	2,966	2,966	0.11	0.04	0.02	2,979
2031	0.68	4.32	12.2	19.7	0.02	0.52	0.37	0.89	0.48	0.09	0.56	—	2,959	2,959	0.11	0.04	0.02	2,973
2032	0.67	4.31	12.2	19.6	0.02	0.52	0.37	0.89	0.48	0.09	0.56	—	2,954	2,954	0.11	0.04	0.02	2,968
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.97	1.24	41.2	35.3	0.13	1.17	16.0	17.2	1.08	6.75	7.83	—	18,390	18,390	0.94	2.09	12.5	19,050
2026	2.05	1.52	44.1	43.6	0.13	1.42	14.5	15.9	1.23	5.79	7.02	—	17,332	17,332	0.80	1.70	9.77	17,869
2027	0.45	2.07	8.52	13.7	0.02	0.38	0.19	0.57	0.34	0.05	0.39	—	2,028	2,028	0.08	0.02	0.30	2,037
2028	0.51	3.12	8.79	14.3	0.02	0.38	0.26	0.64	0.35	0.06	0.41	—	2,136	2,136	0.08	0.03	0.36	2,146
2029	0.50	3.10	8.74	14.2	0.02	0.38	0.26	0.64	0.34	0.06	0.40	—	2,125	2,125	0.08	0.03	0.32	2,135
2030	0.49	3.10	8.73	14.1	0.02	0.38	0.26	0.63	0.34	0.06	0.40	—	2,121	2,121	0.08	0.03	0.29	2,131
2031	0.48	3.08	8.72	14.1	0.02	0.37	0.26	0.63	0.34	0.06	0.40	—	2,116	2,116	0.08	0.03	0.26	2,126
2032	0.25	1.59	4.51	7.26	0.01	0.19	0.13	0.33	0.18	0.03	0.21	—	1,094	1,094	0.04	0.01	0.12	1,099
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.36	0.23	7.52	6.44	0.02	0.21	2.92	3.13	0.20	1.23	1.43	—	3,045	3,045	0.16	0.35	2.07	3,154
2026	0.37	0.28	8.05	7.95	0.02	0.26	2.64	2.90	0.22	1.06	1.28	—	2,869	2,869	0.13	0.28	1.62	2,958
2027	0.08	0.38	1.56	2.50	< 0.005	0.07	0.04	0.10	0.06	0.01	0.07	—	336	336	0.01	< 0.005	0.05	337
2028	0.09	0.57	1.60	2.61	< 0.005	0.07	0.05	0.12	0.06	0.01	0.07	—	354	354	0.01	< 0.005	0.06	355
2029	0.09	0.57	1.60	2.59	< 0.005	0.07	0.05	0.12	0.06	0.01	0.07	—	352	352	0.01	< 0.005	0.05	353
2030	0.09	0.57	1.59	2.58	< 0.005	0.07	0.05	0.12	0.06	0.01	0.07	—	351	351	0.01	< 0.005	0.05	353
2031	0.09	0.56	1.59	2.57	< 0.005	0.07	0.05	0.12	0.06	0.01	0.07	—	350	350	0.01	< 0.005	0.04	352

2032	0.05	0.29	0.82	1.32	< 0.005	0.04	0.02	0.06	0.03	0.01	0.04	—	181	181	0.01	< 0.005	0.02	182
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2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.19	2.95	88.9	84.7	0.27	0.76	30.5	31.3	0.72	12.3	13.0	—	35,808	35,808	1.78	3.97	54.9	36,965
2026	4.04	2.93	87.8	84.4	0.27	0.76	30.5	31.3	0.59	12.3	12.9	—	35,335	35,335	1.63	3.57	46.2	36,486
2027	0.73	4.37	12.3	20.3	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	3,007	3,007	0.12	0.04	1.29	3,022
2028	0.72	4.36	12.3	20.2	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	3,000	3,000	0.11	0.04	1.17	3,015
2029	0.71	4.35	12.2	20.1	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	2,993	2,993	0.11	0.04	1.05	3,008
2030	0.69	4.34	12.2	20.0	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	2,987	2,987	0.11	0.04	0.94	3,001
2031	0.68	4.33	12.2	19.9	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	2,980	2,980	0.11	0.04	0.84	2,994
2032	0.67	4.31	12.2	19.8	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	2,974	2,974	0.11	0.02	0.74	2,985
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.16	2.92	90.0	84.6	0.27	0.76	30.5	31.3	0.72	12.3	13.0	—	35,793	35,793	1.78	3.97	1.42	36,903
2026	4.00	2.90	88.8	84.3	0.27	0.76	30.5	31.3	0.59	12.3	12.9	—	35,321	35,321	1.64	3.57	1.20	36,428
2027	0.73	4.37	12.3	20.0	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	2,985	2,985	0.13	0.04	0.03	2,999
2028	0.72	4.36	12.3	20.0	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	2,978	2,978	0.11	0.04	0.03	2,992
2029	0.71	4.35	12.2	19.9	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	2,972	2,972	0.11	0.04	0.03	2,985
2030	0.69	4.34	12.2	19.8	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	2,966	2,966	0.11	0.04	0.02	2,979
2031	0.68	4.32	12.2	19.7	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	2,959	2,959	0.11	0.04	0.02	2,973
2032	0.67	4.31	12.2	19.6	0.02	0.08	0.37	0.45	0.07	0.09	0.16	—	2,954	2,954	0.11	0.04	0.02	2,968
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2025	1.97	1.24	41.2	35.3	0.13	0.38	16.0	16.4	0.36	6.75	7.12	—	18,390	18,390	0.94	2.09	12.5	19,050
2026	2.05	1.52	44.1	43.6	0.13	0.38	14.5	14.9	0.29	5.79	6.09	—	17,332	17,332	0.80	1.70	9.77	17,869
2027	0.45	2.07	8.52	13.7	0.02	0.06	0.19	0.25	0.05	0.05	0.10	—	2,028	2,028	0.08	0.02	0.30	2,037
2028	0.51	3.12	8.79	14.3	0.02	0.06	0.26	0.32	0.05	0.06	0.11	—	2,136	2,136	0.08	0.03	0.36	2,146
2029	0.50	3.10	8.74	14.2	0.02	0.06	0.26	0.32	0.05	0.06	0.11	—	2,125	2,125	0.08	0.03	0.32	2,135
2030	0.49	3.10	8.73	14.1	0.02	0.06	0.26	0.31	0.05	0.06	0.11	—	2,121	2,121	0.08	0.03	0.29	2,131
2031	0.48	3.08	8.72	14.1	0.02	0.06	0.26	0.31	0.05	0.06	0.11	—	2,116	2,116	0.08	0.03	0.26	2,126
2032	0.25	1.59	4.51	7.26	0.01	0.03	0.13	0.16	0.03	0.03	0.06	—	1,094	1,094	0.04	0.01	0.12	1,099
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.36	0.23	7.52	6.44	0.02	0.07	2.92	2.99	0.07	1.23	1.30	—	3,045	3,045	0.16	0.35	2.07	3,154
2026	0.37	0.28	8.05	7.95	0.02	0.07	2.64	2.71	0.05	1.06	1.11	—	2,869	2,869	0.13	0.28	1.62	2,958
2027	0.08	0.38	1.56	2.50	< 0.005	0.01	0.04	0.05	0.01	0.01	0.02	—	336	336	0.01	< 0.005	0.05	337
2028	0.09	0.57	1.60	2.61	< 0.005	0.01	0.05	0.06	0.01	0.01	0.02	—	354	354	0.01	< 0.005	0.06	355
2029	0.09	0.57	1.60	2.59	< 0.005	0.01	0.05	0.06	0.01	0.01	0.02	—	352	352	0.01	< 0.005	0.05	353
2030	0.09	0.57	1.59	2.58	< 0.005	0.01	0.05	0.06	0.01	0.01	0.02	—	351	351	0.01	< 0.005	0.05	353
2031	0.09	0.56	1.59	2.57	< 0.005	0.01	0.05	0.06	0.01	0.01	0.02	—	350	350	0.01	< 0.005	0.04	352
2032	0.05	0.29	0.82	1.32	< 0.005	0.01	0.02	0.03	< 0.005	0.01	0.01	—	181	181	0.01	< 0.005	0.02	182

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	16.9	31.8	18.0	130	0.35	0.89	28.6	29.5	0.87	7.26	8.14	158	42,793	42,951	18.7	1.14	49.3	43,809
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	14.7	29.7	18.6	99.8	0.33	0.88	28.6	29.5	0.87	7.26	8.13	158	41,414	41,572	18.8	1.20	6.25	42,406

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	15.1	30.2	13.5	110	0.31	0.51	28.2	28.7	0.50	7.15	7.65	166	35,179	35,345	18.7	1.18	24.2	36,188
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.75	5.51	2.47	20.0	0.06	0.09	5.14	5.24	0.09	1.30	1.40	27.5	5,824	5,852	3.10	0.20	4.00	5,991

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
Area	2.72	19.0	6.77	24.8	0.04	0.49	—	0.49	0.49	—	0.49	-10.9	8,398	8,387	0.10	0.02	—	8,395
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773
Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	16.9	31.8	18.0	130	0.35	0.89	28.6	29.5	0.87	7.26	8.14	158	42,793	42,951	18.7	1.14	49.3	43,809
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427
Area	0.67	17.0	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773
Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11

Total	14.7	29.7	18.6	99.8	0.33	0.88	28.6	29.5	0.87	7.26	8.13	158	41,414	41,572	18.8	1.20	6.25	42,406
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.6	12.3	9.08	96.7	0.28	0.17	28.2	28.3	0.16	7.15	7.30	—	28,273	28,273	1.17	1.07	19.1	28,641
Area	1.16	17.7	1.58	11.6	0.01	0.11	—	0.11	0.11	—	0.11	-2.44	1,903	1,900	0.02	< 0.005	—	1,902
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773
Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	15.1	30.2	13.5	110	0.31	0.51	28.2	28.7	0.50	7.15	7.65	166	35,179	35,345	18.7	1.18	24.2	36,188
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742
Area	0.21	3.23	0.29	2.12	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	315	315	< 0.005	< 0.005	—	315
Energy	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	786	786	0.09	0.01	—	790
Water	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3
Waste	—	—	—	—	—	—	—	—	—	—	—	23.5	0.00	23.5	2.35	0.00	—	82.2
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85
Total	2.75	5.51	2.47	20.0	0.06	0.09	5.14	5.24	0.09	1.30	1.40	27.5	5,824	5,852	3.10	0.20	4.00	5,991

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
Area	2.72	19.0	6.77	24.8	0.04	0.49	—	0.49	0.49	—	0.49	-10.9	8,398	8,387	0.10	0.02	—	8,395
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773

Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	16.9	31.8	18.0	130	0.35	0.89	28.6	29.5	0.87	7.26	8.14	158	42,793	42,951	18.7	1.14	49.3	43,809
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427
Area	0.67	17.0	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773
Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	14.7	29.7	18.6	99.8	0.33	0.88	28.6	29.5	0.87	7.26	8.13	158	41,414	41,572	18.8	1.20	6.25	42,406
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.6	12.3	9.08	96.7	0.28	0.17	28.2	28.3	0.16	7.15	7.30	—	28,273	28,273	1.17	1.07	19.1	28,641
Area	1.16	17.7	1.58	11.6	0.01	0.11	—	0.11	0.11	—	0.11	-2.44	1,903	1,900	0.02	< 0.005	—	1,902
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773
Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	15.1	30.2	13.5	110	0.31	0.51	28.2	28.7	0.50	7.15	7.65	166	35,179	35,345	18.7	1.18	24.2	36,188
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742
Area	0.21	3.23	0.29	2.12	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	315	315	< 0.005	< 0.005	—	315
Energy	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	786	786	0.09	0.01	—	790
Water	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3
Waste	—	—	—	—	—	—	—	—	—	—	—	23.5	0.00	23.5	2.35	0.00	—	82.2

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85
Total	2.75	5.51	2.47	20.0	0.06	0.09	5.14	5.24	0.09	1.30	1.40	27.5	5,824	5,852	3.10	0.20	4.00	5,991

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.54	2.45	< 0.005	0.07	—	0.07	0.07	—	0.07	—	350	350	0.01	< 0.005	—	351
Demolition	—	—	—	—	—	—	0.97	0.97	—	0.15	0.15	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.06	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Demolition	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.38	2.38	< 0.005	< 0.005	—	2.39

Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	22.4	22.4	< 0.005	< 0.005	< 0.005	22.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	0.02	1.13	0.41	0.01	0.02	0.21	0.23	0.02	0.06	0.07	—	829	829	0.05	0.13	0.05	869
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.93	0.93	< 0.005	< 0.005	< 0.005	0.94
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.1	34.1	< 0.005	0.01	0.03	35.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.64	5.64	< 0.005	< 0.005	0.01	5.92

3.2. Demolition (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.54	2.45	< 0.005	0.01	—	0.01	0.01	—	0.01	—	350	350	0.01	< 0.005	—	351
Demolition	—	—	—	—	—	—	0.97	0.97	—	0.15	0.15	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.06	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Demolition	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.38	2.38	< 0.005	< 0.005	—	2.39
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	22.4	22.4	< 0.005	< 0.005	< 0.005	22.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.06	0.02	1.13	0.41	0.01	0.02	0.21	0.23	0.02	0.06	0.07	—	829	829	0.05	0.13	0.05	869
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.93	0.93	< 0.005	< 0.005	< 0.005	0.94
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.1	34.1	< 0.005	0.01	0.03	35.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.64	5.64	< 0.005	< 0.005	0.01	5.92

3.3. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.70	19.1	23.0	0.04	0.75	—	0.75	0.67	—	0.67	—	4,105	4,105	0.17	0.03	—	4,119
Dust From Material Movement	—	—	—	—	—	—	19.8	19.8	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.70	19.1	23.0	0.04	0.75	—	0.75	0.67	—	0.67	—	4,105	4,105	0.17	0.03	—	4,119

Dust From Material Movement:	—	—	—	—	—	—	19.8	19.8	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.70	5.66	0.01	0.18	—	0.18	0.17	—	0.17	—	1,012	1,012	0.04	0.01	—	1,016
Dust From Material Movement:	—	—	—	—	—	—	4.87	4.87	—	2.49	2.49	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.86	1.03	< 0.005	0.03	—	0.03	0.03	—	0.03	—	168	168	0.01	< 0.005	—	168
Dust From Material Movement:	—	—	—	—	—	—	0.89	0.89	—	0.46	0.46	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.81	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	166	166	0.01	0.01	0.62	169
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.94	0.54	32.7	12.2	0.16	0.46	6.44	6.90	0.46	1.76	2.22	—	24,949	24,949	1.38	3.93	54.3	26,208
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.08	0.07	0.06	0.71	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	157	157	0.01	0.01	0.02	159
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.91	0.51	33.9	12.4	0.16	0.46	6.44	6.90	0.46	1.76	2.22	—	24,958	24,958	1.38	3.93	1.41	26,164
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	39.0	39.0	< 0.005	< 0.005	0.07	39.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.48	0.13	8.36	3.03	0.04	0.11	1.57	1.68	0.11	0.43	0.54	—	6,153	6,153	0.34	0.97	5.78	6,455
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.46	6.46	< 0.005	< 0.005	0.01	6.55
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.09	0.02	1.53	0.55	0.01	0.02	0.29	0.31	0.02	0.08	0.10	—	1,019	1,019	0.06	0.16	0.96	1,069

3.4. Site Preparation (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.70	19.1	23.0	0.04	0.11	—	0.11	0.10	—	0.10	—	4,105	4,105	0.17	0.03	—	4,119
Dust From Material Movement	—	—	—	—	—	—	19.8	19.8	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.70	0.70	19.1	23.0	0.04	0.11	—	0.11	0.10	—	0.10	—	4,105	4,105	0.17	0.03	—	4,119
Dust From Material Movement:	—	—	—	—	—	—	19.8	19.8	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.70	5.66	0.01	0.03	—	0.03	0.02	—	0.02	—	1,012	1,012	0.04	0.01	—	1,016
Dust From Material Movement:	—	—	—	—	—	—	4.87	4.87	—	2.49	2.49	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.86	1.03	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	168	168	0.01	< 0.005	—	168
Dust From Material Movement:	—	—	—	—	—	—	0.89	0.89	—	0.46	0.46	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.81	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	166	166	0.01	0.01	0.62	169
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.94	0.54	32.7	12.2	0.16	0.46	6.44	6.90	0.46	1.76	2.22	—	24,949	24,949	1.38	3.93	54.3	26,208

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	0.71	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	157	157	0.01	0.01	0.02	159
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.91	0.51	33.9	12.4	0.16	0.46	6.44	6.90	0.46	1.76	2.22	—	24,958	24,958	1.38	3.93	1.41	26,164
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	39.0	39.0	< 0.005	< 0.005	0.07	39.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.48	0.13	8.36	3.03	0.04	0.11	1.57	1.68	0.11	0.43	0.54	—	6,153	6,153	0.34	0.97	5.78	6,455
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.46	6.46	< 0.005	< 0.005	0.01	6.55
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.09	0.02	1.53	0.55	0.01	0.02	0.29	0.31	0.02	0.08	0.10	—	1,019	1,019	0.06	0.16	0.96	1,069

3.5. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	2.40	—	2.40	2.15	—	2.15	—	13,502	13,502	0.55	0.11	—	13,549
Dust From Material Movement	—	—	—	—	—	—	24.5	24.5	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	2.40	—	2.40	2.15	—	2.15	—	13,502	13,502	0.55	0.11	—	13,549
Dust From Material Movement:	—	—	—	—	—	—	24.5	24.5	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.72	18.7	22.4	0.04	0.75	—	0.75	0.67	—	0.67	—	4,201	4,201	0.17	0.03	—	4,216
Dust From Material Movement:	—	—	—	—	—	—	7.63	7.63	—	3.31	3.31	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	3.41	4.09	0.01	0.14	—	0.14	0.12	—	0.12	—	696	696	0.03	0.01	—	698
Dust From Material Movement:	—	—	—	—	—	—	1.39	1.39	—	0.60	0.60	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.13	1.97	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	403	403	0.02	0.01	1.51	409

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.71	0.48	28.7	10.7	0.14	0.40	5.65	6.05	0.40	1.55	1.95	—	21,902	21,902	1.21	3.45	47.7	23,007	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.18	0.17	0.14	1.72	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	381	381	0.02	0.01	0.04	386	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	1.68	0.45	29.8	10.8	0.14	0.40	5.65	6.05	0.40	1.55	1.95	—	21,910	21,910	1.21	3.45	1.23	22,969	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.06	0.05	0.04	0.54	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	120	120	0.01	< 0.005	0.20	121	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.53	0.15	9.26	3.35	0.04	0.13	1.74	1.86	0.13	0.48	0.60	—	6,816	6,816	0.38	1.07	6.40	7,151	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.8	19.8	< 0.005	< 0.005	0.03	20.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.10	0.03	1.69	0.61	0.01	0.02	0.32	0.34	0.02	0.09	0.11	—	1,128	1,128	0.06	0.18	1.06	1,184	

3.6. Grading (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	0.36	—	0.36	0.32	—	0.32	—	13,502	13,502	0.55	0.11	—	13,549

Dust From Material Movement:	—	—	—	—	—	—	24.5	24.5	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	0.36	—	0.36	0.32	—	0.32	—	13,502	13,502	0.55	0.11	—	13,549
Dust From Material Movement:	—	—	—	—	—	—	24.5	24.5	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.72	18.7	22.4	0.04	0.11	—	0.11	0.10	—	0.10	—	4,201	4,201	0.17	0.03	—	4,216
Dust From Material Movement:	—	—	—	—	—	—	7.63	7.63	—	3.31	3.31	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	3.41	4.09	0.01	0.02	—	0.02	0.02	—	0.02	—	696	696	0.03	0.01	—	698
Dust From Material Movement:	—	—	—	—	—	—	1.39	1.39	—	0.60	0.60	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.13	1.97	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	403	403	0.02	0.01	1.51	409
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.71	0.48	28.7	10.7	0.14	0.40	5.65	6.05	0.40	1.55	1.95	—	21,902	21,902	1.21	3.45	47.7	23,007
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.14	1.72	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	381	381	0.02	0.01	0.04	386
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.68	0.45	29.8	10.8	0.14	0.40	5.65	6.05	0.40	1.55	1.95	—	21,910	21,910	1.21	3.45	1.23	22,969
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.54	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	120	120	0.01	< 0.005	0.20	121
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.53	0.15	9.26	3.35	0.04	0.13	1.74	1.86	0.13	0.48	0.60	—	6,816	6,816	0.38	1.07	6.40	7,151
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.8	19.8	< 0.005	< 0.005	0.03	20.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.10	0.03	1.69	0.61	0.01	0.02	0.32	0.34	0.02	0.09	0.11	—	1,128	1,128	0.06	0.18	1.06	1,184

3.7. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	2.40	—	2.40	2.15	—	2.15	—	13,500	13,500	0.55	0.11	—	13,546
Dust From Material Movement:	—	—	—	—	—	—	24.5	24.5	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	2.40	—	2.40	2.15	—	2.15	—	13,500	13,500	0.55	0.11	—	13,546
Dust From Material Movement:	—	—	—	—	—	—	24.5	24.5	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.08	1.08	28.2	33.8	0.06	1.13	—	1.13	1.01	—	1.01	—	6,340	6,340	0.26	0.05	—	6,362
Dust From Material Movement:	—	—	—	—	—	—	11.5	11.5	—	4.99	4.99	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	5.15	6.17	0.01	0.21	—	0.21	0.18	—	0.18	—	1,050	1,050	0.04	0.01	—	1,053
Dust From Material Movement:	—	—	—	—	—	—	2.10	2.10	—	0.91	0.91	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.15	0.12	1.84	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	395	395	0.02	0.01	1.38	401	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	1.57	0.48	27.6	10.6	0.14	0.40	5.65	6.05	0.27	1.55	1.82	—	21,440	21,440	1.07	3.45	44.8	22,539	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.17	0.15	0.13	1.62	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	373	373	0.02	0.01	0.04	378	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	1.54	0.45	28.6	10.7	0.14	0.40	5.65	6.05	0.27	1.55	1.82	—	21,449	21,449	1.07	3.45	1.16	22,504	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.08	0.07	0.06	0.77	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	177	177	0.01	0.01	0.28	179	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.73	0.22	13.4	5.00	0.07	0.19	2.62	2.81	0.13	0.72	0.84	—	10,071	10,071	0.50	1.62	9.12	10,576	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.3	29.3	< 0.005	< 0.005	0.05	29.7	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.13	0.04	2.44	0.91	0.01	0.03	0.48	0.51	0.02	0.13	0.15	—	1,667	1,667	0.08	0.27	1.51	1,751	

3.8. Grading (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	0.36	—	0.36	0.32	—	0.32	—	13,500	13,500	0.55	0.11	—	13,546
Dust From Material Movement:	—	—	—	—	—	—	24.5	24.5	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	0.36	—	0.36	0.32	—	0.32	—	13,500	13,500	0.55	0.11	—	13,546
Dust From Material Movement:	—	—	—	—	—	—	24.5	24.5	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.08	1.08	28.2	33.8	0.06	0.17	—	0.17	0.15	—	0.15	—	6,340	6,340	0.26	0.05	—	6,362
Dust From Material Movement:	—	—	—	—	—	—	11.5	11.5	—	4.99	4.99	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	5.15	6.17	0.01	0.03	—	0.03	0.03	—	0.03	—	1,050	1,050	0.04	0.01	—	1,053

Dust From Material Movement:	—	—	—	—	—	—	2.10	2.10	—	0.91	0.91	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.18	0.15	0.12	1.84	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	395	395	0.02	0.01	1.38	401
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.57	0.48	27.6	10.6	0.14	0.40	5.65	6.05	0.27	1.55	1.82	—	21,440	21,440	1.07	3.45	44.8	22,539
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.17	0.15	0.13	1.62	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	373	373	0.02	0.01	0.04	378
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.54	0.45	28.6	10.7	0.14	0.40	5.65	6.05	0.27	1.55	1.82	—	21,449	21,449	1.07	3.45	1.16	22,504
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.08	0.07	0.06	0.77	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	177	177	0.01	0.01	0.28	179
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.73	0.22	13.4	5.00	0.07	0.19	2.62	2.81	0.13	0.72	0.84	—	10,071	10,071	0.50	1.62	9.12	10,576
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.3	29.3	< 0.005	< 0.005	0.05	29.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.13	0.04	2.44	0.91	0.01	0.03	0.48	0.51	0.02	0.13	0.15	—	1,667	1,667	0.08	0.27	1.51	1,751

3.9. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.73	0.91	< 0.005	0.03	—	0.03	0.03	—	0.03	—	140	140	0.01	< 0.005	—	140
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.13	0.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	23.1	23.1	< 0.005	< 0.005	—	23.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.60	0.52	0.40	6.16	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,325	1,325	0.06	0.05	4.64	1,345

Vendor	0.08	0.04	1.34	0.63	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	1,040	1,040	0.04	0.15	2.54	1,088
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.51	0.45	5.44	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,251	1,251	0.07	0.05	0.12	1,268
Vendor	0.08	0.03	1.39	0.64	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	1,041	1,041	0.04	0.15	0.07	1,086
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.60	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	138	138	0.01	0.01	0.22	140
Vendor	0.01	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	114	114	< 0.005	0.02	0.12	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	22.9	22.9	< 0.005	< 0.005	0.04	23.2
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	18.9	18.9	< 0.005	< 0.005	0.02	19.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.73	0.91	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	140	140	0.01	< 0.005	—	140
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.13	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.1	23.1	< 0.005	< 0.005	—	23.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.60	0.52	0.40	6.16	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,325	1,325	0.06	0.05	4.64	1,345
Vendor	0.08	0.04	1.34	0.63	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	1,040	1,040	0.04	0.15	2.54	1,088
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.51	0.45	5.44	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,251	1,251	0.07	0.05	0.12	1,268
Vendor	0.08	0.03	1.39	0.64	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	1,041	1,041	0.04	0.15	0.07	1,086
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.06	0.05	0.60	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	138	138	0.01	0.01	0.22	140
Vendor	0.01	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	114	114	< 0.005	0.02	0.12	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	22.9	22.9	< 0.005	< 0.005	0.04	23.2
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	18.9	18.9	< 0.005	< 0.005	0.02	19.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,468	2,468	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.53	2.34	< 0.005	0.07	—	0.07	0.06	—	0.06	—	333	333	0.01	< 0.005	—	334
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.28	0.43	< 0.005	0.01	—	0.01	0.01	—	0.01	—	55.2	55.2	< 0.005	< 0.005	—	55.4
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.57	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	132	132	0.01	0.01	0.01	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.9	17.9	< 0.005	< 0.005	0.03	18.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	< 0.005	3.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Paving (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,468	2,468	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.53	2.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	333	333	0.01	< 0.005	—	334
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.28	0.43	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	55.2	55.2	< 0.005	< 0.005	—	55.4
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.57	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	132	132	0.01	0.01	0.01	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.9	17.9	< 0.005	< 0.005	0.03	18.2	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	< 0.005	3.01	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.13. Paving (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	8.07	12.4	0.02	0.37	—	0.37	0.33	—	0.33	—	1,763	1,763	0.07	0.01	—	1,769	
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.05	0.05	1.47	2.25	< 0.005	0.07	—	0.07	0.06	—	0.06	—	292	292	0.01	< 0.005	—	293	
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.06	0.05	0.04	0.61	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	137	137	0.01	< 0.005	0.44	139	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.06	0.05	0.05	0.54	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	0.01	0.01	0.01	131	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.04	0.04	0.03	0.39	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93.3	93.3	< 0.005	< 0.005	0.14	94.6	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.4	15.4	< 0.005	< 0.005	0.02	15.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Paving (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	8.07	12.4	0.02	0.06	—	0.06	0.05	—	0.05	—	1,763	1,763	0.07	0.01	—	1,769
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.47	2.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	292	292	0.01	< 0.005	—	293	
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.06	0.05	0.04	0.61	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	137	137	0.01	< 0.005	0.44	139	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.06	0.05	0.05	0.54	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	0.01	0.01	0.01	131	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.04	0.04	0.03	0.39	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93.3	93.3	< 0.005	< 0.005	0.14	94.6	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.4	15.4	< 0.005	< 0.005	0.02	15.7	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.15. Paving (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	8.09	12.4	0.02	0.37	—	0.37	0.33	—	0.33	—	1,768	1,768	0.07	0.01	—	1,774
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.48	2.26	< 0.005	0.07	—	0.07	0.06	—	0.06	—	293	293	0.01	< 0.005	—	294
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.58	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	135	135	< 0.005	< 0.005	0.40	137	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.06	0.05	0.04	0.51	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	127	127	< 0.005	< 0.005	0.01	129	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.04	0.04	0.03	0.37	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	91.9	91.9	< 0.005	< 0.005	0.12	93.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.2	15.2	< 0.005	< 0.005	0.02	15.4	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.16. Paving (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	8.09	12.4	0.02	0.06	—	0.06	0.05	—	0.05	—	1,768	1,768	0.07	0.01	—	1,774
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.48	2.26	< 0.005	0.01	—	0.01	0.01	—	0.01	—	293	293	0.01	< 0.005	—	294
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.05	0.04	0.58	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	135	135	< 0.005	< 0.005	0.40	137
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.51	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	127	127	< 0.005	< 0.005	0.01	129
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.37	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	91.9	91.9	< 0.005	< 0.005	0.12	93.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.2	15.2	< 0.005	< 0.005	0.02	15.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Paving (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477	
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.30	0.30	8.07	12.4	0.02	0.37	—	0.37	0.33	—	0.33	—	1,763	1,763	0.07	0.01	—	1,769	
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.05	0.05	1.47	2.25	< 0.005	0.07	—	0.07	0.06	—	0.06	—	292	292	0.01	< 0.005	—	293	
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.05	0.05	0.03	0.55	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	132	132	< 0.005	< 0.005	0.36	134	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Worker	0.05	0.05	0.04	0.48	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	125	125	< 0.005	< 0.005	0.01	127
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.35	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.1	90.1	< 0.005	< 0.005	0.11	91.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.9	14.9	< 0.005	< 0.005	0.02	15.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Paving (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477

Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	8.07	12.4	0.02	0.06	—	0.06	0.05	—	0.05	—	1,763	1,763	0.07	0.01	—	1,769
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.47	2.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	292	292	0.01	< 0.005	—	293
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.55	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	132	132	< 0.005	< 0.005	0.36	134
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.48	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	125	125	< 0.005	< 0.005	0.01	127
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.35	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.1	90.1	< 0.005	< 0.005	0.11	91.3

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.9	14.9	< 0.005	< 0.005	0.02	15.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Paving (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	8.07	12.4	0.02	0.37	—	0.37	0.33	—	0.33	—	1,763	1,763	0.07	0.01	—	1,769

Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.47	2.25	< 0.005	0.07	—	0.07	0.06	—	0.06	—	292	292	0.01	< 0.005	—	293
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	130	130	< 0.005	< 0.005	0.32	132
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.45	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	123	123	< 0.005	< 0.005	0.01	124
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.33	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	88.6	88.6	< 0.005	< 0.005	0.10	89.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.7	14.7	< 0.005	< 0.005	0.02	14.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	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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3.20. Paving (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e	
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477	
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477	
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	8.07	12.4	0.02	0.06	—	0.06	0.05	—	0.05	—	1,763	1,763	0.07	0.01	—	1,769	
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.47	2.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	292	292	0.01	< 0.005	—	293	

Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	130	130	< 0.005	< 0.005	0.32	132
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.45	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	123	123	< 0.005	< 0.005	0.01	124
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.33	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	88.6	88.6	< 0.005	< 0.005	0.10	89.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.7	14.7	< 0.005	< 0.005	0.02	14.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Paving (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	8.07	12.4	0.02	0.37	—	0.37	0.33	—	0.33	—	1,763	1,763	0.07	0.01	—	1,769
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.47	2.25	< 0.005	0.07	—	0.07	0.06	—	0.06	—	292	292	0.01	< 0.005	—	293
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.48	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	128	128	< 0.005	< 0.005	0.29	129
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.03	0.42	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	121	121	< 0.005	< 0.005	0.01	122
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.31	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	86.9	86.9	< 0.005	< 0.005	0.09	88.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.4	14.4	< 0.005	< 0.005	0.01	14.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Paving (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.30	8.07	12.4	0.02	0.06	—	0.06	0.05	—	0.05	—	1,763	1,763	0.07	0.01	—	1,769
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.47	2.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	292	292	0.01	< 0.005	—	293
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.48	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	128	128	< 0.005	< 0.005	0.29	129
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.03	0.42	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	121	121	< 0.005	< 0.005	0.01	122	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.03	0.03	0.02	0.31	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	86.9	86.9	< 0.005	< 0.005	0.09	88.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.4	14.4	< 0.005	< 0.005	0.01	14.6	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.23. Paving (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	4.18	6.40	0.01	0.19	—	0.19	0.17	—	0.17	—	913	913	0.04	0.01	—	916
Paving	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.76	1.17	< 0.005	0.03	—	0.03	0.03	—	0.03	—	151	151	0.01	< 0.005	—	152
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.45	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	126	126	< 0.005	< 0.005	0.26	126
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.40	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	119	119	< 0.005	< 0.005	0.01	120

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.15	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	44.3	44.3	< 0.005	< 0.005	0.04	45.0	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.34	7.34	< 0.005	< 0.005	0.01	7.44	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Paving (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,469	2,469	0.10	0.02	—	2,477
Paving	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	4.18	6.40	0.01	0.03	—	0.03	0.03	—	0.03	—	913	913	0.04	0.01	—	916	
Paving	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.03	0.03	0.76	1.17	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	151	151	0.01	< 0.005	—	152	
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.04	0.04	0.03	0.45	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	126	126	< 0.005	< 0.005	0.26	126	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.04	0.04	0.03	0.40	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	119	119	< 0.005	< 0.005	0.01	120	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.02	0.01	0.01	0.15	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	44.3	44.3	< 0.005	< 0.005	0.04	45.0	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.34	7.34	< 0.005	< 0.005	0.01	7.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Architectural Coating (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.88	1.19	< 0.005	0.02	—	0.02	0.02	—	0.02	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.88	1.19	< 0.005	0.02	—	0.02	0.02	—	0.02	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.06	0.05	0.39	0.52	< 0.005	0.01	—	0.01	0.01	—	0.01	—	62.0	62.0	< 0.005	< 0.005	—	62.2
Architectural Coatings	—	1.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3
Architectural Coatings	—	0.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.07	1.17	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	261	261	0.01	0.01	0.84	264
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.09	1.03	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	246	246	0.01	0.01	0.02	249
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.46	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	109	109	0.01	< 0.005	0.16	111
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.1	18.1	< 0.005	< 0.005	0.03	18.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.26. Architectural Coating (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.88	1.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.88	1.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.06	0.05	0.39	0.52	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	62.0	62.0	< 0.005	< 0.005	—	62.2
Architectural Coatings	—	1.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3
Architectural Coatings	—	0.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.07	1.17	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	261	261	0.01	0.01	0.84	264
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.09	1.03	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	246	246	0.01	0.01	0.02	249
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.46	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	109	109	0.01	< 0.005	0.16	111
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.1	18.1	< 0.005	< 0.005	0.03	18.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.27. Architectural Coating (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.85	1.18	< 0.005	0.02	—	0.02	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.85	1.18	< 0.005	0.02	—	0.02	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.10	0.08	0.61	0.84	< 0.005	0.01	—	0.01	0.01	—	0.01	—	101	101	< 0.005	< 0.005	—	101
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.7	16.7	< 0.005	< 0.005	—	16.7
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.07	1.11	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	256	256	< 0.005	0.01	0.77	260
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.08	0.97	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	242	242	0.01	0.01	0.02	245
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	0.70	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	< 0.005	0.01	0.24	177
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.9	28.9	< 0.005	< 0.005	0.04	29.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.28. Architectural Coating (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.85	1.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.85	1.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.10	0.08	0.61	0.84	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.7	16.7	< 0.005	< 0.005	—	16.7
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.07	1.11	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	256	256	< 0.005	0.01	0.77	260
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.08	0.97	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	242	242	0.01	0.01	0.02	245
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	0.70	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	< 0.005	0.01	0.24	177
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.9	28.9	< 0.005	< 0.005	0.04	29.3	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.29. Architectural Coating (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.84	1.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.84	1.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.09	0.08	0.60	0.84	< 0.005	0.01	—	0.01	0.01	—	0.01	—	101	101	< 0.005	< 0.005	—	101
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.06	1.04	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	252	252	< 0.005	0.01	0.69	255
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.07	0.91	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	238	238	0.01	0.01	0.02	241
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.66	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	171	171	< 0.005	0.01	0.21	173
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.3	28.3	< 0.005	< 0.005	0.04	28.7	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.30. Architectural Coating (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.84	1.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.84	1.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.09	0.08	0.60	0.84	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.06	1.04	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	252	252	< 0.005	0.01	0.69	255
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.07	0.91	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	238	238	0.01	0.01	0.02	241
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.66	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	171	171	< 0.005	0.01	0.21	173
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.3	28.3	< 0.005	< 0.005	0.04	28.7	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.31. Architectural Coating (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.83	1.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architect ural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.83	1.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architect ural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.09	0.07	0.59	0.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	101	101	< 0.005	< 0.005	—	101
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.06	0.98	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	247	247	< 0.005	0.01	0.62	251
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.07	0.86	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	234	234	< 0.005	0.01	0.02	237
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.62	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	168	168	< 0.005	0.01	0.19	171
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.9	27.9	< 0.005	< 0.005	0.03	28.2	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.32. Architectural Coating (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.83	1.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.83	1.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.09	0.07	0.59	0.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.06	0.98	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	247	247	< 0.005	0.01	0.62	251
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.07	0.86	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	234	234	< 0.005	0.01	0.02	237
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.62	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	168	168	< 0.005	0.01	0.19	171
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.9	27.9	< 0.005	< 0.005	0.03	28.2	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.33. Architectural Coating (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.82	1.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architect ural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.82	1.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architect ural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.09	0.07	0.58	0.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	101	101	< 0.005	< 0.005	—	101
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.05	0.92	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	243	243	< 0.005	0.01	0.55	246
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.06	0.80	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	229	229	< 0.005	0.01	0.01	232
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.58	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	165	165	< 0.005	0.01	0.17	167
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.4	27.4	< 0.005	< 0.005	0.03	27.7	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.34. Architectural Coating (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.82	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.82	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.09	0.07	0.58	0.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.05	0.92	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	243	243	< 0.005	0.01	0.55	246
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.06	0.80	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	229	229	< 0.005	0.01	0.01	232
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.58	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	165	165	< 0.005	0.01	0.17	167
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.4	27.4	< 0.005	< 0.005	0.03	27.7	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.35. Architectural Coating (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.81	1.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.81	1.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.04	0.30	0.43	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	52.0	52.0	< 0.005	< 0.005	—	52.2
Architectural Coatings	—	1.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.62	8.62	< 0.005	< 0.005	—	8.65
Architectural Coatings	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.05	0.86	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	239	239	< 0.005	< 0.005	0.49	240
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.76	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	226	226	< 0.005	0.01	0.01	229
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.28	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	84.3	84.3	< 0.005	< 0.005	0.08	85.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.0	14.0	< 0.005	< 0.005	0.01	14.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.36. Architectural Coating (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.81	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.81	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.04	0.30	0.43	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	52.0	52.0	< 0.005	< 0.005	—	52.2
Architectural Coatings	—	1.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.62	8.62	< 0.005	< 0.005	—	8.65
Architectural Coatings	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.05	0.86	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	239	239	< 0.005	< 0.005	0.49	240
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.76	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	226	226	< 0.005	0.01	0.01	229
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.28	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	84.3	84.3	< 0.005	< 0.005	0.08	85.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.0	14.0	< 0.005	< 0.005	0.01	14.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Single Family Housing	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742	
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Total	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742	

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	187	187	0.04	< 0.005	—	189
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	187	187	0.04	< 0.005	—	189

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	187	187	0.04	< 0.005	—	189
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	187	187	0.04	< 0.005	—	189

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
----------	-----	-----	-----	----	-----	-------	-------	-------	--------	--------	--------	------	-------	------	-----	-----	---	------

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	599	599	0.05	< 0.005	—	601
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	599	599	0.05	< 0.005	—	601

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	599	599	0.05	< 0.005	—	601
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	599	599	0.05	< 0.005	—	601

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.67	0.34	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Consumer Products	—	15.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.05	1.94	0.21	22.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	60.1	60.1	< 0.005	< 0.005	—	60.3
Total	2.72	19.0	6.77	24.8	0.04	0.49	—	0.49	0.49	—	0.49	-10.9	8,398	8,387	0.10	0.02	—	8,395
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.67	0.34	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Consumer Products	—	15.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.67	17.0	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.03	0.01	0.27	0.09	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	310	310	< 0.005	< 0.005	—	310

Consum Products	—	2.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscap e Equipme nt	0.18	0.17	0.02	2.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.90	4.90	< 0.005	< 0.005	—	4.92
Total	0.21	3.23	0.29	2.12	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	315	315	< 0.005	< 0.005	—	315

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.67	0.34	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Consum er Products	—	15.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscap e Equipme nt	2.05	1.94	0.21	22.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	60.1	60.1	< 0.005	< 0.005	—	60.3
Total	2.72	19.0	6.77	24.8	0.04	0.49	—	0.49	0.49	—	0.49	-10.9	8,398	8,387	0.10	0.02	—	8,395
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.67	0.34	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334

Consumer	—	15.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total Annual	0.67	17.0	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Hearths	0.03	0.01	0.27	0.09	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	310	310	< 0.005	< 0.005	—	310
Consumer Products	—	2.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.18	0.17	0.02	2.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.90	4.90	< 0.005	< 0.005	—	4.92
Total	0.21	3.23	0.29	2.12	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	315	315	< 0.005	< 0.005	—	315

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	141	0.00	141	14.1	0.00	—	494
City Park	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	141	0.00	141	14.1	0.00	—	494
City Park	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	23.4	0.00	23.4	2.34	0.00	—	81.8
City Park	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.43
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	23.5	0.00	23.5	2.35	0.00	—	82.2

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	141	0.00	141	14.1	0.00	—	494
City Park	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	141	0.00	141	14.1	0.00	—	494
City Park	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	23.4	0.00	23.4	2.34	0.00	—	81.8
City Park	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.43

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	23.5	0.00	23.5	2.35	0.00	—	82.2

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	------	------

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	3/1/2025	3/21/2025	5.00	15.0	—
Site Preparation	Site Preparation	3/22/2025	7/25/2025	5.00	90.0	—

Grading	Grading	7/26/2025	8/28/2026	5.00	285	—
Building Construction	Building Construction	8/29/2026	10/23/2026	5.00	40.0	—
Paving	Paving	10/24/2026	7/7/2032	5.00	1,488	—
Architectural Coating	Architectural Coating	5/21/2027	7/7/2032	5.00	1,339	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Excavators	Diesel	Tier 3	1.00	5.00	158	0.38
Site Preparation	Rubber Tired Dozers	Diesel	Tier 3	3.00	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 3	4.00	8.00	97.0	0.37
Grading	Graders	Diesel	Tier 3	1.00	8.00	187	0.41
Grading	Excavators	Diesel	Tier 3	3.00	8.00	158	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 3	3.00	8.00	97.0	0.37
Grading	Scrapers	Diesel	Tier 3	4.00	8.00	367	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 3	3.00	8.00	247	0.40
Grading	Bore/Drill Rigs	Diesel	Tier 3	2.00	3.00	221	0.50
Grading	Crushing/Proc. Equipment	Diesel	Tier 3	1.00	3.00	85.0	0.78
Building Construction	Forklifts	Diesel	Tier 3	3.00	4.00	89.0	0.20
Building Construction	Generator Sets	Diesel	Tier 3	1.00	4.00	84.0	0.74
Building Construction	Cranes	Diesel	Tier 3	1.00	3.00	231	0.29
Building Construction	Welders	Diesel	Tier 3	1.00	4.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 3	3.00	3.00	97.0	0.37
Paving	Pavers	Diesel	Tier 3	2.00	8.00	130	0.42

Paving	Paving Equipment	Diesel	Tier 3	2.00	8.00	132	0.36
Paving	Rollers	Diesel	Tier 3	2.00	8.00	80.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	3.00	78.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Excavators	Diesel	Tier 3	1.00	5.00	158	0.38
Site Preparation	Rubber Tired Dozers	Diesel	Tier 3	3.00	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 3	4.00	8.00	97.0	0.37
Grading	Graders	Diesel	Tier 3	1.00	8.00	187	0.41
Grading	Excavators	Diesel	Tier 3	3.00	8.00	158	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 3	3.00	8.00	97.0	0.37
Grading	Scrapers	Diesel	Tier 3	4.00	8.00	367	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 3	3.00	8.00	247	0.40
Grading	Bore/Drill Rigs	Diesel	Tier 3	2.00	3.00	221	0.50
Grading	Crushing/Proc. Equipment	Diesel	Tier 3	1.00	3.00	85.0	0.78
Building Construction	Forklifts	Diesel	Tier 3	3.00	4.00	89.0	0.20
Building Construction	Generator Sets	Diesel	Tier 3	1.00	4.00	84.0	0.74
Building Construction	Cranes	Diesel	Tier 3	1.00	3.00	231	0.29
Building Construction	Welders	Diesel	Tier 3	1.00	4.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 3	3.00	3.00	97.0	0.37
Paving	Pavers	Diesel	Tier 3	2.00	8.00	130	0.42
Paving	Paving Equipment	Diesel	Tier 3	2.00	8.00	132	0.36
Paving	Rollers	Diesel	Tier 3	2.00	8.00	80.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	3.00	78.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	2.50	12.0	LDA,LDT1,LDT2
Demolition	Vendor	—	7.63	HHDT,MHDT
Demolition	Hauling	11.5	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	12.0	LDA,LDT1,LDT2
Site Preparation	Vendor	—	7.63	HHDT,MHDT
Site Preparation	Hauling	347	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	42.5	12.0	LDA,LDT1,LDT2
Grading	Vendor	—	7.63	HHDT,MHDT
Grading	Hauling	305	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	143	12.0	LDA,LDT1,LDT2
Building Construction	Vendor	42.3	7.63	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	12.0	LDA,LDT1,LDT2
Paving	Vendor	—	7.63	HHDT,MHDT

Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	28.5	12.0	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	7.63	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	2.50	12.0	LDA,LDT1,LDT2
Demolition	Vendor	—	7.63	HHDT,MHDT
Demolition	Hauling	11.5	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	12.0	LDA,LDT1,LDT2
Site Preparation	Vendor	—	7.63	HHDT,MHDT
Site Preparation	Hauling	347	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	42.5	12.0	LDA,LDT1,LDT2
Grading	Vendor	—	7.63	HHDT,MHDT
Grading	Hauling	305	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	143	12.0	LDA,LDT1,LDT2

Building Construction	Vendor	42.3	7.63	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	12.0	LDA,LDT1,LDT2
Paving	Vendor	—	7.63	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	28.5	12.0	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	7.63	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	1,443,420	481,140	0.00	0.00	83,635

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
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Demolition	0.00	0.00	0.00	15,000	—
Site Preparation	125,000	125,000	1,550	0.00	—
Grading	347,500	347,500	1,550	0.00	—
Paving	0.00	0.00	0.00	0.00	36.4

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	4.36	0%
City Park	0.00	0%
Other Asphalt Surfaces	32.0	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	589	0.03	< 0.005
2026	0.00	589	0.03	< 0.005
2027	0.00	589	0.03	< 0.005
2028	0.00	589	0.03	< 0.005
2029	0.00	589	0.03	< 0.005
2030	0.00	589	0.03	< 0.005
2031	0.00	589	0.03	< 0.005
2032	0.00	589	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	3,992	3,992	3,992	1,456,963	40,562	40,562	40,562	14,805,102
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	3,992	3,992	3,992	1,456,963	40,562	40,562	40,562	14,805,102
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	396
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0

Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	-0
Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	396
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	-0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
1443420	481,140	0.00	0.00	83,635

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	2,431,946	170	0.0330	0.0040	11,292,706
City Park	0.00	170	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	170	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	2,431,946	170	0.0330	0.0040	11,292,706
City Park	0.00	170	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	170	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	13,912,698	84,718,798

City Park	0.00	133
Other Asphalt Surfaces	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	13,912,698	84,718,798
City Park	0.00	133
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	262	—
City Park	1.38	—
Other Asphalt Surfaces	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	262	—
City Park	1.38	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	18.4	annual days of extreme heat
Extreme Precipitation	5.10	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	46.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi. Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events.

Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	67.0
AQ-PM	7.22
AQ-DPM	19.2
Drinking Water	94.8
Lead Risk Housing	39.4
Pesticides	76.0
Toxic Releases	8.05
Traffic	12.5
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	83.2
Haz Waste Facilities/Generators	69.4
Impaired Water Bodies	72.2

Solid Waste	0.00
Sensitive Population	—
Asthma	37.9
Cardio-vascular	31.8
Low Birth Weights	17.2
Socioeconomic Factor Indicators	—
Education	49.8
Housing	78.1
Linguistic	38.1
Poverty	56.1
Unemployment	82.3

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	44.10368279
Employed	11.71564224
Median HI	64.99422559
Education	—
Bachelor's or higher	57.80828949
High school enrollment	21.05735917
Preschool enrollment	9.097908379
Transportation	—
Auto Access	75.69613756
Active commuting	12.70370846
Social	—

2-parent households	70.37084563
Voting	73.32221224
Neighborhood	—
Alcohol availability	90.68394713
Park access	6.056717567
Retail density	3.015526755
Supermarket access	2.399589375
Tree canopy	64.62209675
Housing	—
Homeownership	74.16912614
Housing habitability	53.52239189
Low-inc homeowner severe housing cost burden	51.49493135
Low-inc renter severe housing cost burden	36.68677018
Uncrowded housing	41.84524573
Health Outcomes	—
Insured adults	37.58501219
Arthritis	0.0
Asthma ER Admissions	90.5
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	18.2
Cognitively Disabled	68.5
Physically Disabled	59.0

Heart Attack ER Admissions	90.7
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	72.7
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	28.6
SLR Inundation Area	0.0
Children	6.4
Elderly	56.5
English Speaking	53.3
Foreign-born	25.1
Outdoor Workers	9.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.7
Traffic Density	10.6
Traffic Access	23.0
Other Indices	—
Hardship	57.7
Other Decision Support	—
2016 Voting	74.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	47.0
Healthy Places Index Score for Project Location (b)	39.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Matching Approved Project
Construction: Construction Phases	Construction Estimate starting 3 years later than approved project
Construction: Off-Road Equipment	Matches Approved Project Equipment
Construction: Off-Road Equipment EF	Match Existing Approved Project
Operations: Vehicle Data	per Project
Operations: Hearths	updated to reflect Project Design
Construction: Dust From Material Movement	Modified from approved Project

Ocean Breeze Ranch Revised Grading Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Ocean Breeze Ranch Revised Grading
Construction Start Date	3/1/2022
Operational Year	2033
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	25.0
Location	33.291147553872634, -117.10126560265678
County	San Diego
City	Unincorporated
Air District	San Diego County APCD
Air Basin	San Diego
TAZ	6120
EDFZ	12
Electric Utility	San Diego Gas & Electric
Gas Utility	San Diego Gas & Electric
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
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Single Family Housing	396	Dwelling Unit	129	712,800	4,638,291	—	1,105	—
City Park	16.0	Acre	16.0	0.00	4.00	4.00	—	—
Other Asphalt Surfaces	32.0	Acre	32.0	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-6	Use Diesel Particulate Filters

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.19	4.62	106	91.0	0.35	3.04	33.9	36.9	2.79	13.2	16.0	—	48,671	48,671	2.49	6.27	86.8	50,478
Mit.	5.19	4.62	106	91.0	0.35	1.00	33.9	34.9	0.96	13.2	14.1	—	48,671	48,671	2.49	6.27	86.8	50,478
% Reduced	—	—	—	—	—	67%	—	6%	65%	—	11%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.15	4.60	107	90.9	0.35	3.04	33.9	36.9	2.79	13.2	16.0	—	48,661	48,661	2.49	6.27	2.25	50,393
Mit.	5.15	4.60	107	90.9	0.35	1.00	33.9	34.9	0.96	13.2	14.1	—	48,661	48,661	2.49	6.27	2.25	50,393
% Reduced	—	—	—	—	—	67%	—	6%	65%	—	11%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.56	3.28	51.9	46.4	0.18	1.52	18.0	19.3	1.30	7.29	8.50	—	26,007	26,007	1.36	3.29	19.6	27,042
Mit.	2.56	3.28	51.9	46.4	0.18	0.52	18.0	18.5	0.50	7.29	7.79	—	26,007	26,007	1.36	3.29	19.6	27,042
% Reduced	—	—	—	—	—	66%	—	4%	61%	—	8%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.47	0.60	9.47	8.47	0.03	0.28	3.28	3.52	0.24	1.33	1.55	—	4,306	4,306	0.22	0.55	3.25	4,477
Mit.	0.47	0.60	9.47	8.47	0.03	0.09	3.28	3.37	0.09	1.33	1.42	—	4,306	4,306	0.22	0.55	3.25	4,477
% Reduced	—	—	—	—	—	66%	—	4%	61%	—	8%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	5.19	3.23	106	91.0	0.35	3.04	33.9	36.9	2.79	13.2	16.0	—	48,671	48,671	2.49	6.27	86.8	50,478
2026	4.96	3.21	104	90.7	0.35	3.04	33.9	36.9	2.57	13.2	15.7	—	47,927	47,927	2.26	5.60	72.5	49,724
2027	1.12	4.62	9.20	17.1	0.02	0.32	1.72	2.03	0.29	0.41	0.70	—	3,996	3,996	0.17	0.21	7.34	4,070
2028	1.09	4.59	9.11	16.7	0.02	0.31	1.72	2.03	0.29	0.41	0.70	—	3,943	3,943	0.12	0.21	6.62	4,015
2029	1.05	4.56	8.98	16.3	0.02	0.31	1.72	2.03	0.28	0.41	0.69	—	3,888	3,888	0.12	0.20	5.92	3,957
2030	0.98	4.54	8.92	15.9	0.02	0.30	1.72	2.02	0.27	0.41	0.69	—	3,832	3,832	0.11	0.20	5.26	3,901
2031	0.95	4.51	8.81	15.5	0.02	0.30	1.72	2.02	0.27	0.41	0.69	—	3,772	3,772	0.11	0.20	4.64	3,838
2032	0.92	4.44	8.76	15.2	0.02	0.30	1.72	2.01	0.27	0.41	0.69	—	3,720	3,720	0.11	0.14	4.07	3,769

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	5.15	3.18	107	90.9	0.35	3.04	33.9	36.9	2.79	13.2	16.0	—	48,661	48,661	2.49	6.27	2.25	50,393
2026	4.91	3.17	106	90.6	0.35	3.04	33.9	36.9	2.57	13.2	15.7	—	47,918	47,918	2.26	5.60	1.88	49,645
2027	1.10	4.60	9.35	16.3	0.02	0.32	1.72	2.03	0.29	0.41	0.70	—	3,910	3,910	0.18	0.21	0.19	3,978
2028	1.08	4.58	9.21	15.9	0.02	0.31	1.72	2.03	0.29	0.41	0.70	—	3,858	3,858	0.13	0.21	0.17	3,924
2029	1.05	4.55	9.09	15.5	0.02	0.31	1.72	2.03	0.28	0.41	0.69	—	3,805	3,805	0.13	0.20	0.15	3,869
2030	0.98	4.53	9.02	15.2	0.02	0.30	1.72	2.02	0.27	0.41	0.69	—	3,751	3,751	0.11	0.20	0.14	3,814
2031	0.94	4.45	8.91	14.8	0.02	0.30	1.72	2.02	0.27	0.41	0.69	—	3,693	3,693	0.11	0.20	0.12	3,754
2032	0.91	4.43	8.81	14.5	0.02	0.30	1.72	2.01	0.27	0.41	0.69	—	3,641	3,641	0.11	0.19	0.11	3,700
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.56	1.40	51.5	39.0	0.18	1.31	18.0	19.3	1.22	7.29	8.50	—	26,007	26,007	1.36	3.29	19.6	27,042
2026	2.49	1.88	51.9	46.4	0.17	1.52	16.1	17.6	1.30	6.23	7.52	—	23,272	23,272	1.10	2.66	15.2	24,107
2027	0.72	2.23	6.40	11.1	0.02	0.22	1.14	1.36	0.20	0.28	0.48	—	2,695	2,695	0.12	0.15	2.16	2,744
2028	0.77	3.28	6.59	11.4	0.02	0.22	1.21	1.43	0.20	0.29	0.50	—	2,772	2,772	0.09	0.15	2.05	2,822
2029	0.74	3.25	6.48	11.1	0.02	0.22	1.21	1.43	0.20	0.29	0.49	—	2,726	2,726	0.09	0.15	1.83	2,774
2030	0.69	3.23	6.40	10.9	0.02	0.21	1.21	1.42	0.20	0.29	0.49	—	2,688	2,688	0.08	0.15	1.62	2,735
2031	0.67	3.18	6.36	10.6	0.02	0.21	1.21	1.42	0.19	0.29	0.49	—	2,646	2,646	0.08	0.14	1.43	2,691
2032	0.34	1.64	3.25	5.39	0.01	0.11	0.63	0.74	0.10	0.15	0.25	—	1,351	1,351	0.04	0.07	0.65	1,374
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.47	0.26	9.40	7.12	0.03	0.24	3.28	3.52	0.22	1.33	1.55	—	4,306	4,306	0.22	0.55	3.25	4,477
2026	0.45	0.34	9.47	8.47	0.03	0.28	2.93	3.21	0.24	1.14	1.37	—	3,853	3,853	0.18	0.44	2.52	3,991
2027	0.13	0.41	1.17	2.02	< 0.005	0.04	0.21	0.25	0.04	0.05	0.09	—	446	446	0.02	0.02	0.36	454
2028	0.14	0.60	1.20	2.09	< 0.005	0.04	0.22	0.26	0.04	0.05	0.09	—	459	459	0.01	0.02	0.34	467
2029	0.14	0.59	1.18	2.03	< 0.005	0.04	0.22	0.26	0.04	0.05	0.09	—	451	451	0.01	0.02	0.30	459
2030	0.13	0.59	1.17	1.98	< 0.005	0.04	0.22	0.26	0.04	0.05	0.09	—	445	445	0.01	0.02	0.27	453
2031	0.12	0.58	1.16	1.94	< 0.005	0.04	0.22	0.26	0.04	0.05	0.09	—	438	438	0.01	0.02	0.24	446

2032	0.06	0.30	0.59	0.98	< 0.005	0.02	0.11	0.13	0.02	0.03	0.05	—	224	224	0.01	0.01	0.11	227
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2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	5.19	3.23	106	91.0	0.35	1.00	33.9	34.9	0.96	13.2	14.1	—	48,671	48,671	2.49	6.27	86.8	50,478
2026	4.96	3.21	104	90.7	0.35	1.00	33.9	34.9	0.75	13.2	13.9	—	47,927	47,927	2.26	5.60	72.5	49,724
2027	1.12	4.62	9.20	17.1	0.02	0.06	1.72	1.78	0.06	0.41	0.47	—	3,996	3,996	0.17	0.21	7.34	4,070
2028	1.09	4.59	9.11	16.7	0.02	0.06	1.72	1.78	0.05	0.41	0.47	—	3,943	3,943	0.12	0.21	6.62	4,015
2029	1.05	4.56	8.98	16.3	0.02	0.06	1.72	1.78	0.05	0.41	0.46	—	3,888	3,888	0.12	0.20	5.92	3,957
2030	0.98	4.54	8.92	15.9	0.02	0.05	1.72	1.77	0.05	0.41	0.46	—	3,832	3,832	0.11	0.20	5.26	3,901
2031	0.95	4.51	8.81	15.5	0.02	0.05	1.72	1.77	0.05	0.41	0.46	—	3,772	3,772	0.11	0.20	4.64	3,838
2032	0.92	4.44	8.76	15.2	0.02	0.05	1.72	1.77	0.05	0.41	0.46	—	3,720	3,720	0.11	0.14	4.07	3,769
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	5.15	3.18	107	90.9	0.35	1.00	33.9	34.9	0.96	13.2	14.1	—	48,661	48,661	2.49	6.27	2.25	50,393
2026	4.91	3.17	106	90.6	0.35	1.00	33.9	34.9	0.75	13.2	13.9	—	47,918	47,918	2.26	5.60	1.88	49,645
2027	1.10	4.60	9.35	16.3	0.02	0.06	1.72	1.78	0.06	0.41	0.47	—	3,910	3,910	0.18	0.21	0.19	3,978
2028	1.08	4.58	9.21	15.9	0.02	0.06	1.72	1.78	0.05	0.41	0.47	—	3,858	3,858	0.13	0.21	0.17	3,924
2029	1.05	4.55	9.09	15.5	0.02	0.06	1.72	1.78	0.05	0.41	0.46	—	3,805	3,805	0.13	0.20	0.15	3,869
2030	0.98	4.53	9.02	15.2	0.02	0.05	1.72	1.77	0.05	0.41	0.46	—	3,751	3,751	0.11	0.20	0.14	3,814
2031	0.94	4.45	8.91	14.8	0.02	0.05	1.72	1.77	0.05	0.41	0.46	—	3,693	3,693	0.11	0.20	0.12	3,754
2032	0.91	4.43	8.81	14.5	0.02	0.05	1.72	1.77	0.05	0.41	0.46	—	3,641	3,641	0.11	0.19	0.11	3,700
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2025	2.56	1.40	51.5	39.0	0.18	0.52	18.0	18.5	0.50	7.29	7.79	—	26,007	26,007	1.36	3.29	19.6	27,042
2026	2.49	1.88	51.9	46.4	0.17	0.49	16.1	16.6	0.37	6.23	6.59	—	23,272	23,272	1.10	2.66	15.2	24,107
2027	0.72	2.23	6.40	11.1	0.02	0.04	1.14	1.18	0.04	0.28	0.31	—	2,695	2,695	0.12	0.15	2.16	2,744
2028	0.77	3.28	6.59	11.4	0.02	0.04	1.21	1.25	0.04	0.29	0.33	—	2,772	2,772	0.09	0.15	2.05	2,822
2029	0.74	3.25	6.48	11.1	0.02	0.04	1.21	1.25	0.03	0.29	0.32	—	2,726	2,726	0.09	0.15	1.83	2,774
2030	0.69	3.23	6.40	10.9	0.02	0.04	1.21	1.24	0.03	0.29	0.32	—	2,688	2,688	0.08	0.15	1.62	2,735
2031	0.67	3.18	6.36	10.6	0.02	0.04	1.21	1.24	0.03	0.29	0.32	—	2,646	2,646	0.08	0.14	1.43	2,691
2032	0.34	1.64	3.25	5.39	0.01	0.02	0.63	0.64	0.02	0.15	0.17	—	1,351	1,351	0.04	0.07	0.65	1,374
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.47	0.26	9.40	7.12	0.03	0.09	3.28	3.37	0.09	1.33	1.42	—	4,306	4,306	0.22	0.55	3.25	4,477
2026	0.45	0.34	9.47	8.47	0.03	0.09	2.93	3.02	0.07	1.14	1.20	—	3,853	3,853	0.18	0.44	2.52	3,991
2027	0.13	0.41	1.17	2.02	< 0.005	0.01	0.21	0.22	0.01	0.05	0.06	—	446	446	0.02	0.02	0.36	454
2028	0.14	0.60	1.20	2.09	< 0.005	0.01	0.22	0.23	0.01	0.05	0.06	—	459	459	0.01	0.02	0.34	467
2029	0.14	0.59	1.18	2.03	< 0.005	0.01	0.22	0.23	0.01	0.05	0.06	—	451	451	0.01	0.02	0.30	459
2030	0.13	0.59	1.17	1.98	< 0.005	0.01	0.22	0.23	0.01	0.05	0.06	—	445	445	0.01	0.02	0.27	453
2031	0.12	0.58	1.16	1.94	< 0.005	0.01	0.22	0.23	0.01	0.05	0.06	—	438	438	0.01	0.02	0.24	446
2032	0.06	0.30	0.59	0.98	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	224	224	0.01	0.01	0.11	227

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	16.9	31.8	18.0	130	0.35	0.89	28.6	29.5	0.87	7.26	8.14	158	42,793	42,951	18.7	1.14	49.3	43,809
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	14.7	29.7	18.6	99.8	0.33	0.88	28.6	29.5	0.87	7.26	8.13	158	41,414	41,572	18.8	1.20	6.25	42,406

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	15.1	30.2	13.5	110	0.31	0.51	28.2	28.7	0.50	7.15	7.65	166	35,179	35,345	18.7	1.18	24.2	36,188
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.75	5.51	2.47	20.0	0.06	0.09	5.14	5.24	0.09	1.30	1.40	27.5	5,824	5,852	3.10	0.20	4.00	5,991

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
Area	2.72	19.0	6.77	24.8	0.04	0.49	—	0.49	0.49	—	0.49	-10.9	8,398	8,387	0.10	0.02	—	8,395
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773
Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	16.9	31.8	18.0	130	0.35	0.89	28.6	29.5	0.87	7.26	8.14	158	42,793	42,951	18.7	1.14	49.3	43,809
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427
Area	0.67	17.0	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773
Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11

Total	14.7	29.7	18.6	99.8	0.33	0.88	28.6	29.5	0.87	7.26	8.13	158	41,414	41,572	18.8	1.20	6.25	42,406
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.6	12.3	9.08	96.7	0.28	0.17	28.2	28.3	0.16	7.15	7.30	—	28,273	28,273	1.17	1.07	19.1	28,641
Area	1.16	17.7	1.58	11.6	0.01	0.11	—	0.11	0.11	—	0.11	-2.44	1,903	1,900	0.02	< 0.005	—	1,902
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773
Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	15.1	30.2	13.5	110	0.31	0.51	28.2	28.7	0.50	7.15	7.65	166	35,179	35,345	18.7	1.18	24.2	36,188
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742
Area	0.21	3.23	0.29	2.12	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	315	315	< 0.005	< 0.005	—	315
Energy	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	786	786	0.09	0.01	—	790
Water	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3
Waste	—	—	—	—	—	—	—	—	—	—	—	23.5	0.00	23.5	2.35	0.00	—	82.2
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85
Total	2.75	5.51	2.47	20.0	0.06	0.09	5.14	5.24	0.09	1.30	1.40	27.5	5,824	5,852	3.10	0.20	4.00	5,991

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
Area	2.72	19.0	6.77	24.8	0.04	0.49	—	0.49	0.49	—	0.49	-10.9	8,398	8,387	0.10	0.02	—	8,395
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773

Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	16.9	31.8	18.0	130	0.35	0.89	28.6	29.5	0.87	7.26	8.14	158	42,793	42,951	18.7	1.14	49.3	43,809
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427
Area	0.67	17.0	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773
Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	14.7	29.7	18.6	99.8	0.33	0.88	28.6	29.5	0.87	7.26	8.13	158	41,414	41,572	18.8	1.20	6.25	42,406
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	13.6	12.3	9.08	96.7	0.28	0.17	28.2	28.3	0.16	7.15	7.30	—	28,273	28,273	1.17	1.07	19.1	28,641
Area	1.16	17.7	1.58	11.6	0.01	0.11	—	0.11	0.11	—	0.11	-2.44	1,903	1,900	0.02	< 0.005	—	1,902
Energy	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	4,749	4,749	0.54	0.03	—	4,773
Water	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Waste	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Total	15.1	30.2	13.5	110	0.31	0.51	28.2	28.7	0.50	7.15	7.65	166	35,179	35,345	18.7	1.18	24.2	36,188
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742
Area	0.21	3.23	0.29	2.12	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	315	315	< 0.005	< 0.005	—	315
Energy	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	786	786	0.09	0.01	—	790
Water	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3
Waste	—	—	—	—	—	—	—	—	—	—	—	23.5	0.00	23.5	2.35	0.00	—	82.2

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85
Total	2.75	5.51	2.47	20.0	0.06	0.09	5.14	5.24	0.09	1.30	1.40	27.5	5,824	5,852	3.10	0.20	4.00	5,991

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.54	2.45	< 0.005	0.07	—	0.07	0.07	—	0.07	—	350	350	0.01	< 0.005	—	351
Demolition	—	—	—	—	—	—	0.97	0.97	—	0.15	0.15	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.06	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Demolition	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.38	2.38	< 0.005	< 0.005	—	2.39

Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	22.4	22.4	< 0.005	< 0.005	< 0.005	22.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	0.02	1.13	0.41	0.01	0.02	0.21	0.23	0.02	0.06	0.07	—	829	829	0.05	0.13	0.05	869
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.93	0.93	< 0.005	< 0.005	< 0.005	0.94
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.1	34.1	< 0.005	0.01	0.03	35.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.64	5.64	< 0.005	< 0.005	0.01	5.92

3.2. Demolition (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.54	2.45	< 0.005	0.01	—	0.01	0.01	—	0.01	—	350	350	0.01	< 0.005	—	351
Demolition	—	—	—	—	—	—	0.97	0.97	—	0.15	0.15	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.06	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Demolition	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.38	2.38	< 0.005	< 0.005	—	2.39
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	22.4	22.4	< 0.005	< 0.005	< 0.005	22.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.06	0.02	1.13	0.41	0.01	0.02	0.21	0.23	0.02	0.06	0.07	—	829	829	0.05	0.13	0.05	869
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.93	0.93	< 0.005	< 0.005	< 0.005	0.94
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.1	34.1	< 0.005	0.01	0.03	35.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.64	5.64	< 0.005	< 0.005	0.01	5.92

3.3. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.70	19.1	23.0	0.04	0.75	—	0.75	0.67	—	0.67	—	4,105	4,105	0.17	0.03	—	4,119
Dust From Material Movement	—	—	—	—	—	—	19.8	19.8	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.70	19.1	23.0	0.04	0.75	—	0.75	0.67	—	0.67	—	4,105	4,105	0.17	0.03	—	4,119

Dust From Material Movement:	—	—	—	—	—	—	19.8	19.8	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.70	5.66	0.01	0.18	—	0.18	0.17	—	0.17	—	1,012	1,012	0.04	0.01	—	1,016
Dust From Material Movement:	—	—	—	—	—	—	4.88	4.88	—	2.50	2.50	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.86	1.03	< 0.005	0.03	—	0.03	0.03	—	0.03	—	168	168	0.01	< 0.005	—	168
Dust From Material Movement:	—	—	—	—	—	—	0.89	0.89	—	0.46	0.46	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.81	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	166	166	0.01	0.01	0.62	169
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.09	0.86	52.0	19.4	0.26	0.73	10.2	10.9	0.73	2.80	3.53	—	39,602	39,602	2.19	6.23	86.2	41,600
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.08	0.07	0.06	0.71	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	157	157	0.01	0.01	0.02	159
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.04	0.81	53.8	19.6	0.26	0.73	10.2	10.9	0.73	2.80	3.53	—	39,616	39,616	2.19	6.23	2.23	41,530
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	39.0	39.0	< 0.005	< 0.005	0.07	39.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.76	0.21	13.3	4.81	0.06	0.18	2.49	2.67	0.18	0.68	0.86	—	9,766	9,766	0.54	1.54	9.17	10,247
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.46	6.46	< 0.005	< 0.005	0.01	6.55
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.14	0.04	2.42	0.88	0.01	0.03	0.45	0.49	0.03	0.12	0.16	—	1,617	1,617	0.09	0.25	1.52	1,696

3.4. Site Preparation (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.70	19.1	23.0	0.04	0.11	—	0.11	0.10	—	0.10	—	4,105	4,105	0.17	0.03	—	4,119
Dust From Material Movement	—	—	—	—	—	—	19.8	19.8	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.70	0.70	19.1	23.0	0.04	0.11	—	0.11	0.10	—	0.10	—	4,105	4,105	0.17	0.03	—	4,119
Dust From Material Movement:	—	—	—	—	—	—	19.8	19.8	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.70	5.66	0.01	0.03	—	0.03	0.02	—	0.02	—	1,012	1,012	0.04	0.01	—	1,016
Dust From Material Movement:	—	—	—	—	—	—	4.88	4.88	—	2.50	2.50	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.86	1.03	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	168	168	0.01	< 0.005	—	168
Dust From Material Movement:	—	—	—	—	—	—	0.89	0.89	—	0.46	0.46	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.81	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	166	166	0.01	0.01	0.62	169
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.09	0.86	52.0	19.4	0.26	0.73	10.2	10.9	0.73	2.80	3.53	—	39,602	39,602	2.19	6.23	86.2	41,600

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	0.71	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	157	157	0.01	0.01	0.02	159
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.04	0.81	53.8	19.6	0.26	0.73	10.2	10.9	0.73	2.80	3.53	—	39,616	39,616	2.19	6.23	2.23	41,530
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	39.0	39.0	< 0.005	< 0.005	0.07	39.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.76	0.21	13.3	4.81	0.06	0.18	2.49	2.67	0.18	0.68	0.86	—	9,766	9,766	0.54	1.54	9.17	10,247
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.46	6.46	< 0.005	< 0.005	0.01	6.55
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.14	0.04	2.42	0.88	0.01	0.03	0.45	0.49	0.03	0.12	0.16	—	1,617	1,617	0.09	0.25	1.52	1,696

3.5. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	2.40	—	2.40	2.15	—	2.15	—	13,502	13,502	0.55	0.11	—	13,549
Dust From Material Movement	—	—	—	—	—	—	24.6	24.6	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	2.40	—	2.40	2.15	—	2.15	—	13,502	13,502	0.55	0.11	—	13,549
Dust From Material Movement:	—	—	—	—	—	—	24.6	24.6	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.72	18.7	22.4	0.04	0.75	—	0.75	0.67	—	0.67	—	4,201	4,201	0.17	0.03	—	4,216
Dust From Material Movement:	—	—	—	—	—	—	7.64	7.64	—	3.31	3.31	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	3.41	4.09	0.01	0.14	—	0.14	0.12	—	0.12	—	696	696	0.03	0.01	—	698
Dust From Material Movement:	—	—	—	—	—	—	1.39	1.39	—	0.60	0.60	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.13	1.97	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	403	403	0.02	0.01	1.51	409

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.71	0.76	45.6	17.0	0.22	0.64	8.97	9.61	0.64	2.46	3.10	—	34,765	34,765	1.92	5.47	75.7	36,520	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.14	1.72	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	381	381	0.02	0.01	0.04	386	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.67	0.71	47.2	17.2	0.22	0.64	8.97	9.61	0.64	2.46	3.10	—	34,778	34,778	1.92	5.47	1.96	36,459	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.54	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	120	120	0.01	< 0.005	0.20	121	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.84	0.23	14.7	5.32	0.07	0.20	2.76	2.96	0.20	0.76	0.95	—	10,819	10,819	0.60	1.70	10.2	11,352	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.8	19.8	< 0.005	< 0.005	0.03	20.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.15	0.04	2.68	0.97	0.01	0.04	0.50	0.54	0.04	0.14	0.17	—	1,791	1,791	0.10	0.28	1.68	1,879	

3.6. Grading (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	0.36	—	0.36	0.32	—	0.32	—	13,502	13,502	0.55	0.11	—	13,549

Dust From Material Movement:	—	—	—	—	—	—	24.6	24.6	—	10.6	10.6	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	0.36	—	0.36	0.32	—	0.32	—	13,502	13,502	0.55	0.11	—	13,549
Dust From Material Movement:	—	—	—	—	—	—	24.6	24.6	—	10.6	10.6	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.72	0.72	18.7	22.4	0.04	0.11	—	0.11	0.10	—	0.10	—	4,201	4,201	0.17	0.03	—	4,216
Dust From Material Movement:	—	—	—	—	—	—	7.64	7.64	—	3.31	3.31	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.13	0.13	3.41	4.09	0.01	0.02	—	0.02	0.02	—	0.02	—	696	696	0.03	0.01	—	698
Dust From Material Movement:	—	—	—	—	—	—	1.39	1.39	—	0.60	0.60	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.13	1.97	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	403	403	0.02	0.01	1.51	409
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.71	0.76	45.6	17.0	0.22	0.64	8.97	9.61	0.64	2.46	3.10	—	34,765	34,765	1.92	5.47	75.7	36,520
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.14	1.72	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	381	381	0.02	0.01	0.04	386
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.67	0.71	47.2	17.2	0.22	0.64	8.97	9.61	0.64	2.46	3.10	—	34,778	34,778	1.92	5.47	1.96	36,459
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.54	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	120	120	0.01	< 0.005	0.20	121
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.84	0.23	14.7	5.32	0.07	0.20	2.76	2.96	0.20	0.76	0.95	—	10,819	10,819	0.60	1.70	10.2	11,352
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.8	19.8	< 0.005	< 0.005	0.03	20.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.15	0.04	2.68	0.97	0.01	0.04	0.50	0.54	0.04	0.14	0.17	—	1,791	1,791	0.10	0.28	1.68	1,879

3.7. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	2.40	—	2.40	2.15	—	2.15	—	13,500	13,500	0.55	0.11	—	13,546
Dust From Material Movement:	—	—	—	—	—	—	24.6	24.6	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	2.40	—	2.40	2.15	—	2.15	—	13,500	13,500	0.55	0.11	—	13,546
Dust From Material Movement:	—	—	—	—	—	—	24.6	24.6	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.08	1.08	28.2	33.8	0.06	1.13	—	1.13	1.01	—	1.01	—	6,340	6,340	0.26	0.05	—	6,362
Dust From Material Movement:	—	—	—	—	—	—	11.5	11.5	—	5.00	5.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	5.15	6.17	0.01	0.21	—	0.21	0.18	—	0.18	—	1,050	1,050	0.04	0.01	—	1,053
Dust From Material Movement:	—	—	—	—	—	—	2.11	2.11	—	0.91	0.91	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.15	0.12	1.84	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	395	395	0.02	0.01	1.38	401	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	2.49	0.76	43.8	16.8	0.22	0.64	8.97	9.61	0.43	2.46	2.88	—	34,032	34,032	1.70	5.47	71.1	35,777	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.17	0.15	0.13	1.62	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	373	373	0.02	0.01	0.04	378	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	2.44	0.71	45.5	17.0	0.22	0.64	8.97	9.61	0.43	2.46	2.88	—	34,046	34,046	1.70	5.47	1.85	35,721	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.08	0.07	0.06	0.77	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	177	177	0.01	0.01	0.28	179	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	1.16	0.35	21.3	7.94	0.11	0.30	4.16	4.46	0.20	1.14	1.34	—	15,987	15,987	0.80	2.57	14.5	16,787	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.3	29.3	< 0.005	< 0.005	0.05	29.7	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.21	0.06	3.88	1.45	0.02	0.05	0.76	0.81	0.04	0.21	0.24	—	2,647	2,647	0.13	0.43	2.40	2,779	

3.8. Grading (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	0.36	—	0.36	0.32	—	0.32	—	13,500	13,500	0.55	0.11	—	13,546
Dust From Material Movement:	—	—	—	—	—	—	24.6	24.6	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.30	2.30	60.1	72.0	0.12	0.36	—	0.36	0.32	—	0.32	—	13,500	13,500	0.55	0.11	—	13,546
Dust From Material Movement:	—	—	—	—	—	—	24.6	24.6	—	10.6	10.6	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.08	1.08	28.2	33.8	0.06	0.17	—	0.17	0.15	—	0.15	—	6,340	6,340	0.26	0.05	—	6,362
Dust From Material Movement:	—	—	—	—	—	—	11.5	11.5	—	5.00	5.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.20	5.15	6.17	0.01	0.03	—	0.03	0.03	—	0.03	—	1,050	1,050	0.04	0.01	—	1,053

Dust From Material Movement:	—	—	—	—	—	—	2.11	2.11	—	0.91	0.91	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.18	0.15	0.12	1.84	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	395	395	0.02	0.01	1.38	401
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.49	0.76	43.8	16.8	0.22	0.64	8.97	9.61	0.43	2.46	2.88	—	34,032	34,032	1.70	5.47	71.1	35,777
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.17	0.15	0.13	1.62	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	373	373	0.02	0.01	0.04	378
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.44	0.71	45.5	17.0	0.22	0.64	8.97	9.61	0.43	2.46	2.88	—	34,046	34,046	1.70	5.47	1.85	35,721
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.08	0.07	0.06	0.77	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	177	177	0.01	0.01	0.28	179
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.16	0.35	21.3	7.94	0.11	0.30	4.16	4.46	0.20	1.14	1.34	—	15,987	15,987	0.80	2.57	14.5	16,787
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.3	29.3	< 0.005	< 0.005	0.05	29.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.21	0.06	3.88	1.45	0.02	0.05	0.76	0.81	0.04	0.21	0.24	—	2,647	2,647	0.13	0.43	2.40	2,779

3.9. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.89	1.12	< 0.005	0.04	—	0.04	0.03	—	0.03	—	172	172	0.01	< 0.005	—	173
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.20	< 0.005	0.01	—	0.01	0.01	—	0.01	—	28.5	28.5	< 0.005	< 0.005	—	28.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.51	0.45	5.44	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,251	1,251	0.07	0.05	0.12	1,268
Vendor	0.08	0.03	1.39	0.64	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	1,041	1,041	0.04	0.15	0.07	1,086

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	0.74	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	170	170	0.01	0.01	0.27	173
Vendor	0.01	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	140	140	0.01	0.02	0.15	147
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.2	28.2	< 0.005	< 0.005	0.04	28.6
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.02	24.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.89	1.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	172	172	0.01	< 0.005	—	173
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28.5	28.5	< 0.005	< 0.005	—	28.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.51	0.45	5.44	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,251	1,251	0.07	0.05	0.12	1,268
Vendor	0.08	0.03	1.39	0.64	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	1,041	1,041	0.04	0.15	0.07	1,086
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	0.74	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	170	170	0.01	0.01	0.27	173
Vendor	0.01	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	140	140	0.01	0.02	0.15	147
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.2	28.2	< 0.005	< 0.005	0.04	28.6
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.02	24.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.73	5.93	0.01	0.20	—	0.20	0.18	—	0.18	—	910	910	0.04	0.01	—	913
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.86	1.08	< 0.005	0.04	—	0.04	0.03	—	0.03	—	151	151	0.01	< 0.005	—	151
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.55	0.50	0.35	5.84	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,303	1,303	0.06	0.05	4.22	1,322
Vendor	0.08	0.04	1.28	0.61	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	1,018	1,018	0.04	0.14	2.27	1,064
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.54	0.49	0.44	5.13	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,230	1,230	0.07	0.05	0.11	1,247
Vendor	0.07	0.03	1.33	0.62	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	1,018	1,018	0.04	0.14	0.06	1,062
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.35	0.31	3.71	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	887	887	0.04	0.03	1.30	899
Vendor	0.05	0.02	0.94	0.44	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	727	727	0.03	0.10	0.70	759
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.68	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	147	147	0.01	0.01	0.22	149
Vendor	0.01	< 0.005	0.17	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	120	120	< 0.005	0.02	0.12	126
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.73	5.93	0.01	0.03	—	0.03	0.03	—	0.03	—	910	910	0.04	0.01	—	913
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.86	1.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	151	151	0.01	< 0.005	—	151
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.55	0.50	0.35	5.84	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,303	1,303	0.06	0.05	4.22	1,322
Vendor	0.08	0.04	1.28	0.61	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	1,018	1,018	0.04	0.14	2.27	1,064
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.54	0.49	0.44	5.13	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,230	1,230	0.07	0.05	0.11	1,247
Vendor	0.07	0.03	1.33	0.62	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	1,018	1,018	0.04	0.14	0.06	1,062
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.35	0.31	3.71	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	887	887	0.04	0.03	1.30	899
Vendor	0.05	0.02	0.94	0.44	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	727	727	0.03	0.10	0.70	759

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.68	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	147	147	0.01	0.01	0.22	149
Vendor	0.01	< 0.005	0.17	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	120	120	< 0.005	0.02	0.12	126
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Building Construction (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.74	5.95	0.01	0.20	—	0.20	0.18	—	0.18	—	913	913	0.04	0.01	—	916
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.03	0.03	0.86	1.09	< 0.005	0.04	—	0.04	0.03	—	0.03	—	151	151	0.01	< 0.005	—	152
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.49	0.35	5.53	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,279	1,279	0.02	0.05	3.83	1,298
Vendor	0.08	0.03	1.22	0.58	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	992	992	0.04	0.14	2.03	1,038
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.48	0.40	4.84	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,208	1,208	0.03	0.05	0.10	1,223
Vendor	0.07	0.03	1.27	0.60	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	993	993	0.04	0.14	0.05	1,036
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.34	0.28	3.51	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	873	873	0.02	0.03	1.18	885
Vendor	0.05	0.02	0.90	0.42	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	711	711	0.03	0.10	0.63	743
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	0.64	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	145	145	< 0.005	0.01	0.20	147
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	118	118	< 0.005	0.02	0.10	123
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Building Construction (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.74	5.95	0.01	0.03	—	0.03	0.03	—	0.03	—	913	913	0.04	0.01	—	916
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.86	1.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	151	151	0.01	< 0.005	—	152
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.49	0.35	5.53	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,279	1,279	0.02	0.05	3.83	1,298
Vendor	0.08	0.03	1.22	0.58	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	992	992	0.04	0.14	2.03	1,038
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.48	0.40	4.84	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,208	1,208	0.03	0.05	0.10	1,223
Vendor	0.07	0.03	1.27	0.60	0.01	0.01	0.27	0.29	0.01	0.07	0.09	—	993	993	0.04	0.14	0.05	1,036
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.34	0.28	3.51	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	873	873	0.02	0.03	1.18	885
Vendor	0.05	0.02	0.90	0.42	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	711	711	0.03	0.10	0.63	743
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	0.64	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	145	145	< 0.005	0.01	0.20	147
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	118	118	< 0.005	0.02	0.10	123
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Building Construction (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.73	5.93	0.01	0.20	—	0.20	0.18	—	0.18	—	910	910	0.04	0.01	—	913
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.86	1.08	< 0.005	0.04	—	0.04	0.03	—	0.03	—	151	151	0.01	< 0.005	—	151
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.52	0.47	0.31	5.21	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,258	1,258	0.02	0.05	3.44	1,275
Vendor	0.07	0.03	1.16	0.56	0.01	0.01	0.27	0.29	0.01	0.07	0.08	—	964	964	0.04	0.14	1.79	1,007
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.51	0.46	0.35	4.55	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,188	1,188	0.03	0.05	0.09	1,203
Vendor	0.06	0.03	1.21	0.57	0.01	0.01	0.27	0.29	0.01	0.07	0.08	—	965	965	0.04	0.14	0.05	1,006
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36	0.33	0.25	3.30	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	856	856	0.02	0.03	1.06	867
Vendor	0.05	0.02	0.86	0.41	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	689	689	0.03	0.10	0.55	719

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	0.60	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	142	142	< 0.005	0.01	0.18	144
Vendor	0.01	< 0.005	0.16	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	114	114	< 0.005	0.02	0.09	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Building Construction (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.73	5.93	0.01	0.03	—	0.03	0.03	—	0.03	—	910	910	0.04	0.01	—	913
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.03	0.03	0.86	1.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	151	151	0.01	< 0.005	—	151
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.52	0.47	0.31	5.21	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,258	1,258	0.02	0.05	3.44	1,275
Vendor	0.07	0.03	1.16	0.56	0.01	0.01	0.27	0.29	0.01	0.07	0.08	—	964	964	0.04	0.14	1.79	1,007
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.51	0.46	0.35	4.55	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,188	1,188	0.03	0.05	0.09	1,203
Vendor	0.06	0.03	1.21	0.57	0.01	0.01	0.27	0.29	0.01	0.07	0.08	—	965	965	0.04	0.14	0.05	1,006
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36	0.33	0.25	3.30	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	856	856	0.02	0.03	1.06	867
Vendor	0.05	0.02	0.86	0.41	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	689	689	0.03	0.10	0.55	719
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	0.60	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	142	142	< 0.005	0.01	0.18	144
Vendor	0.01	< 0.005	0.16	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	114	114	< 0.005	0.02	0.09	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Building Construction (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.73	5.93	0.01	0.20	—	0.20	0.18	—	0.18	—	910	910	0.04	0.01	—	913
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.86	1.08	< 0.005	0.04	—	0.04	0.03	—	0.03	—	151	151	0.01	< 0.005	—	151
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.45	0.30	4.90	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,237	1,237	0.02	0.05	3.08	1,254
Vendor	0.07	0.03	1.11	0.54	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	933	933	0.03	0.13	1.57	976
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.45	0.35	4.29	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,168	1,168	0.02	0.05	0.08	1,183
Vendor	0.06	0.03	1.15	0.56	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	934	934	0.03	0.14	0.04	975
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.32	0.22	3.09	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	842	842	0.02	0.03	0.95	853
Vendor	0.05	0.02	0.82	0.39	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	667	667	0.02	0.10	0.48	697
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.56	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	139	139	< 0.005	0.01	0.16	141
Vendor	0.01	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.08	115
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Building Construction (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.73	5.93	0.01	0.03	—	0.03	0.03	—	0.03	—	910	910	0.04	0.01	—	913
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.86	1.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	151	151	0.01	< 0.005	—	151
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.45	0.30	4.90	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,237	1,237	0.02	0.05	3.08	1,254
Vendor	0.07	0.03	1.11	0.54	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	933	933	0.03	0.13	1.57	976
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.45	0.35	4.29	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,168	1,168	0.02	0.05	0.08	1,183
Vendor	0.06	0.03	1.15	0.56	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	934	934	0.03	0.14	0.04	975
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.32	0.22	3.09	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	842	842	0.02	0.03	0.95	853
Vendor	0.05	0.02	0.82	0.39	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	667	667	0.02	0.10	0.48	697

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.56	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	139	139	< 0.005	0.01	0.16	141
Vendor	0.01	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	110	110	< 0.005	0.02	0.08	115
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Building Construction (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.73	5.93	0.01	0.20	—	0.20	0.18	—	0.18	—	910	910	0.04	0.01	—	913
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.03	0.03	0.86	1.08	< 0.005	0.04	—	0.04	0.03	—	0.03	—	151	151	0.01	< 0.005	—	151
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.44	0.44	0.26	4.59	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,213	1,213	0.02	0.05	2.74	1,231
Vendor	0.07	0.03	1.06	0.52	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	901	901	0.03	0.13	1.35	942
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.44	0.39	0.31	4.00	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,146	1,146	0.02	0.05	0.07	1,161
Vendor	0.06	0.02	1.10	0.54	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	902	902	0.03	0.13	0.04	941
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.28	0.22	2.92	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	826	826	0.02	0.03	0.85	837
Vendor	0.05	0.02	0.78	0.38	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	644	644	0.02	0.09	0.42	672
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.53	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	137	137	< 0.005	0.01	0.14	139
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	107	107	< 0.005	0.02	0.07	111
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Building Construction (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,279
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	4.73	5.93	0.01	0.03	—	0.03	0.03	—	0.03	—	910	910	0.04	0.01	—	913
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.86	1.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	151	151	0.01	< 0.005	—	151
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.44	0.44	0.26	4.59	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,213	1,213	0.02	0.05	2.74	1,231
Vendor	0.07	0.03	1.06	0.52	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	901	901	0.03	0.13	1.35	942
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.44	0.39	0.31	4.00	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,146	1,146	0.02	0.05	0.07	1,161
Vendor	0.06	0.02	1.10	0.54	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	902	902	0.03	0.13	0.04	941
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.28	0.22	2.92	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	826	826	0.02	0.03	0.85	837
Vendor	0.05	0.02	0.78	0.38	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	644	644	0.02	0.09	0.42	672
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.53	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	137	137	< 0.005	0.01	0.14	139
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	107	107	< 0.005	0.02	0.07	111
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Building Construction (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.28	—	0.28	0.26	—	0.26	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	2.45	3.07	< 0.005	0.10	—	0.10	0.09	—	0.09	—	471	471	0.02	< 0.005	—	473
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.45	0.56	< 0.005	0.02	—	0.02	0.02	—	0.02	—	78.0	78.0	< 0.005	< 0.005	—	78.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.42	0.38	0.26	4.32	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,196	1,196	0.02	0.01	2.43	1,201
Vendor	0.06	0.03	1.02	0.51	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	870	870	0.03	0.12	1.16	908
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.42	0.37	0.27	3.79	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,129	1,129	0.02	0.05	0.06	1,144
Vendor	0.06	0.02	1.06	0.52	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	871	871	0.03	0.12	0.03	908
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.10	1.42	0.00	0.00	0.44	0.44	0.00	0.10	0.10	—	421	421	0.01	0.02	0.39	427
Vendor	0.02	0.01	0.39	0.19	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	0.01	0.04	0.18	336

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.26	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	69.8	69.8	< 0.005	< 0.005	0.06	70.7
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	53.3	53.3	< 0.005	0.01	0.03	55.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Building Construction (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	6.62	8.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,274	1,274	0.05	0.01	—	1,278
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	2.45	3.07	< 0.005	0.02	—	0.02	0.01	—	0.01	—	471	471	0.02	< 0.005	—	473
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.02	0.45	0.56	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	78.0	78.0	< 0.005	< 0.005	—	78.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.42	0.38	0.26	4.32	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,196	1,196	0.02	0.01	2.43	1,201
Vendor	0.06	0.03	1.02	0.51	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	870	870	0.03	0.12	1.16	908
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.42	0.37	0.27	3.79	0.00	0.00	1.21	1.21	0.00	0.28	0.28	—	1,129	1,129	0.02	0.05	0.06	1,144
Vendor	0.06	0.02	1.06	0.52	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	871	871	0.03	0.12	0.03	908
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.10	1.42	0.00	0.00	0.44	0.44	0.00	0.10	0.10	—	421	421	0.01	0.02	0.39	427
Vendor	0.02	0.01	0.39	0.19	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	—	322	322	0.01	0.04	0.18	336
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.26	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	69.8	69.8	< 0.005	< 0.005	0.06	70.7
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	53.3	53.3	< 0.005	0.01	0.03	55.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,468	2,468	0.10	0.02	—	2,477
Paving	—	2.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.51	—	0.51	0.47	—	0.47	—	2,468	2,468	0.10	0.02	—	2,477
Paving	—	2.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.24	1.90	< 0.005	0.06	—	0.06	0.05	—	0.05	—	270	270	0.01	< 0.005	—	271
Paving	—	0.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.23	0.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.8	44.8	< 0.005	< 0.005	—	44.9
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.65	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	139	139	0.01	< 0.005	0.49	142
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.57	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	132	132	0.01	0.01	0.01	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.02	14.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.41	2.41	< 0.005	< 0.005	< 0.005	2.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Paving (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,468	2,468	0.10	0.02	—	2,477
Paving	—	2.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	11.3	17.3	0.02	0.08	—	0.08	0.07	—	0.07	—	2,468	2,468	0.10	0.02	—	2,477
Paving	—	2.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.24	1.90	< 0.005	0.01	—	0.01	0.01	—	0.01	—	270	270	0.01	< 0.005	—	271
Paving	—	0.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.23	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.8	44.8	< 0.005	< 0.005	—	44.9
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.65	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	139	139	0.01	< 0.005	0.49	142
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.57	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	132	132	0.01	0.01	0.01	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.02	14.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.41	2.41	< 0.005	< 0.005	< 0.005	2.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Architectural Coating (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.88	1.19	< 0.005	0.02	—	0.02	0.02	—	0.02	—	141	141	0.01	< 0.005	—	141
Architect ural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.88	1.19	< 0.005	0.02	—	0.02	0.02	—	0.02	—	141	141	0.01	< 0.005	—	141	
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.06	0.05	0.39	0.52	< 0.005	0.01	—	0.01	0.01	—	0.01	—	62.0	62.0	< 0.005	< 0.005	—	62.2	
Architectural Coatings	—	1.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3	
Architectural Coatings	—	0.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.11	0.10	0.07	1.17	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	261	261	0.01	0.01	0.84	264	

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.09	1.03	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	246	246	0.01	0.01	0.02	249	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.46	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	109	109	0.01	< 0.005	0.16	111	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.1	18.1	< 0.005	< 0.005	0.03	18.4	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.26. Architectural Coating (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.88	1.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	0.88	1.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.39	0.52	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	62.0	62.0	< 0.005	< 0.005	—	62.2
Architectural Coatings	—	1.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3
Architectural Coatings	—	0.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.07	1.17	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	261	261	0.01	0.01	0.84	264

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.09	1.03	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	246	246	0.01	0.01	0.02	249	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.46	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	109	109	0.01	< 0.005	0.16	111	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.1	18.1	< 0.005	< 0.005	0.03	18.4	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.27. Architectural Coating (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.85	1.18	< 0.005	0.02	—	0.02	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.85	1.18	< 0.005	0.02	—	0.02	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141	
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.10	0.08	0.61	0.84	< 0.005	0.01	—	0.01	0.01	—	0.01	—	101	101	< 0.005	< 0.005	—	101	
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.7	16.7	< 0.005	< 0.005	—	16.7	
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.11	0.10	0.07	1.11	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	256	256	< 0.005	0.01	0.77	260	

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.08	0.97	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	242	242	0.01	0.01	0.02	245	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	0.70	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	< 0.005	0.01	0.24	177	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.9	28.9	< 0.005	< 0.005	0.04	29.3	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.28. Architectural Coating (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.85	1.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.85	1.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.61	0.84	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.7	16.7	< 0.005	< 0.005	—	16.7
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.07	1.11	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	256	256	< 0.005	0.01	0.77	260

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.08	0.97	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	242	242	0.01	0.01	0.02	245	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	0.70	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	< 0.005	0.01	0.24	177	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.9	28.9	< 0.005	< 0.005	0.04	29.3	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.29. Architectural Coating (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.84	1.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.84	1.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141	
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.09	0.08	0.60	0.84	< 0.005	0.01	—	0.01	0.01	—	0.01	—	101	101	< 0.005	< 0.005	—	101	
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7	
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.10	0.09	0.06	1.04	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	252	252	< 0.005	0.01	0.69	255	

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.07	0.91	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	238	238	0.01	0.01	0.02	241	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.66	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	171	171	< 0.005	0.01	0.21	173	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.3	28.3	< 0.005	< 0.005	0.04	28.7	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.30. Architectural Coating (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.84	1.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.84	1.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141	
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.09	0.08	0.60	0.84	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101	
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7	
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.10	0.09	0.06	1.04	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	252	252	< 0.005	0.01	0.69	255	

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.07	0.91	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	238	238	0.01	0.01	0.02	241	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.66	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	171	171	< 0.005	0.01	0.21	173	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.3	28.3	< 0.005	< 0.005	0.04	28.7	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.31. Architectural Coating (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.83	1.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.83	1.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141	
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.09	0.07	0.59	0.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	101	101	< 0.005	< 0.005	—	101	
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7	
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.09	0.09	0.06	0.98	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	247	247	< 0.005	0.01	0.62	251	

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.07	0.86	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	234	234	< 0.005	0.01	0.02	237	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.62	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	168	168	< 0.005	0.01	0.19	171	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.9	27.9	< 0.005	< 0.005	0.03	28.2	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.32. Architectural Coating (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.83	1.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.10	0.83	1.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.59	0.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.06	0.98	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	247	247	< 0.005	0.01	0.62	251

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.07	0.86	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	234	234	< 0.005	0.01	0.02	237	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.62	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	168	168	< 0.005	0.01	0.19	171	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.9	27.9	< 0.005	< 0.005	0.03	28.2	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.33. Architectural Coating (2031) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.82	1.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.82	1.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141	
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.09	0.07	0.58	0.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	101	101	< 0.005	< 0.005	—	101	
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7	
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.09	0.09	0.05	0.92	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	243	243	< 0.005	0.01	0.55	246	

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.06	0.80	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	229	229	< 0.005	0.01	0.01	232	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.58	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	165	165	< 0.005	0.01	0.17	167	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.4	27.4	< 0.005	< 0.005	0.03	27.7	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.34. Architectural Coating (2031) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.82	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.82	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.58	0.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Architectural Coatings	—	2.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.6	16.6	< 0.005	< 0.005	—	16.7
Architectural Coatings	—	0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.05	0.92	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	243	243	< 0.005	0.01	0.55	246

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.06	0.80	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	229	229	< 0.005	0.01	0.01	232
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.58	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	165	165	< 0.005	0.01	0.17	167
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.4	27.4	< 0.005	< 0.005	0.03	27.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.35. Architectural Coating (2032) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.81	1.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.81	1.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.30	0.43	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	52.0	52.0	< 0.005	< 0.005	—	52.2
Architectural Coatings	—	1.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.62	8.62	< 0.005	< 0.005	—	8.65
Architectural Coatings	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.05	0.86	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	239	239	< 0.005	< 0.005	0.49	240

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.76	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	226	226	< 0.005	0.01	0.01	229	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.28	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	84.3	84.3	< 0.005	< 0.005	0.08	85.4	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.0	14.0	< 0.005	< 0.005	0.01	14.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.36. Architectural Coating (2032) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.81	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.81	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141	
Architectural Coatings	—	3.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.04	0.04	0.30	0.43	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	52.0	52.0	< 0.005	< 0.005	—	52.2	
Architectural Coatings	—	1.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.01	0.01	0.05	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.62	8.62	< 0.005	< 0.005	—	8.65	
Architectural Coatings	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.08	0.08	0.05	0.86	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	239	239	< 0.005	< 0.005	0.49	240	

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.76	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	226	226	< 0.005	0.01	0.01	229	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.28	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	84.3	84.3	< 0.005	< 0.005	0.08	85.4	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.0	14.0	< 0.005	< 0.005	0.01	14.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	13.9	12.6	8.39	104	0.29	0.17	28.6	28.8	0.16	7.26	7.42	—	29,392	29,392	1.14	1.02	44.2	29,770
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	13.7	12.5	9.21	96.4	0.28	0.17	28.6	28.8	0.16	7.26	7.42	—	28,074	28,074	1.19	1.08	1.15	28,427
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.48	2.25	1.66	17.6	0.05	0.03	5.14	5.17	0.03	1.30	1.33	—	4,681	4,681	0.19	0.18	3.16	4,742

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	187	187	0.04	< 0.005	—	189
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	187	187	0.04	< 0.005	—	189

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,130	1,130	0.22	0.03	—	1,144
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	187	187	0.04	< 0.005	—	189
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	187	187	0.04	< 0.005	—	189

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Total	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	599	599	0.05	< 0.005	—	601
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	599	599	0.05	< 0.005	—	601

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.33	0.17	2.85	1.21	0.02	0.23	—	0.23	0.23	—	0.23	—	3,619	3,619	0.32	0.01	—	3,629
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	599	599	0.05	< 0.005	—	601
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.06	0.03	0.52	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	599	599	0.05	< 0.005	—	601

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.67	0.34	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Consumer Products	—	15.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.05	1.94	0.21	22.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	60.1	60.1	< 0.005	< 0.005	—	60.3

Total	2.72	19.0	6.77	24.8	0.04	0.49	—	0.49	0.49	—	0.49	-10.9	8,398	8,387	0.10	0.02	—	8,395
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.67	0.34	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Consumer Products	—	15.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.67	17.0	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.03	0.01	0.27	0.09	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	310	310	< 0.005	< 0.005	—	310
Consumer Products	—	2.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.18	0.17	0.02	2.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.90	4.90	< 0.005	< 0.005	—	4.92
Total	0.21	3.23	0.29	2.12	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	315	315	< 0.005	< 0.005	—	315

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.67	0.34	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334

Consum Products	—	15.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipme nt	2.05	1.94	0.21	22.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	60.1	60.1	< 0.005	< 0.005	—	60.3
Total	2.72	19.0	6.77	24.8	0.04	0.49	—	0.49	0.49	—	0.49	-10.9	8,398	8,387	0.10	0.02	—	8,395
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.67	0.34	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Consum er Products	—	15.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	1.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.67	17.0	6.56	2.28	0.04	0.48	—	0.48	0.48	—	0.48	-10.9	8,338	8,327	0.10	0.02	—	8,334
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.03	0.01	0.27	0.09	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	310	310	< 0.005	< 0.005	—	310
Consum er Products	—	2.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipme nt	0.18	0.17	0.02	2.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.90	4.90	< 0.005	< 0.005	—	4.92
Total	0.21	3.23	0.29	2.12	< 0.005	0.02	—	0.02	0.02	—	0.02	-0.40	315	315	< 0.005	< 0.005	—	315

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	26.7	253	280	2.78	0.07	—	370
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.41	41.9	46.3	0.46	0.01	—	61.3

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	141	0.00	141	14.1	0.00	—	494
City Park	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	141	0.00	141	14.1	0.00	—	494
City Park	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	23.4	0.00	23.4	2.34	0.00	—	81.8
City Park	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.43
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	23.5	0.00	23.5	2.35	0.00	—	82.2

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	141	0.00	141	14.1	0.00	—	494
City Park	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	141	0.00	141	14.1	0.00	—	494
City Park	—	—	—	—	—	—	—	—	—	—	—	0.74	0.00	0.74	0.07	0.00	—	2.59
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	142	0.00	142	14.2	0.00	—	497
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	23.4	0.00	23.4	2.34	0.00	—	81.8
City Park	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.43
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	23.5	0.00	23.5	2.35	0.00	—	82.2

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11

City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.11	5.11
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.85	0.85

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	3/1/2025	3/21/2025	5.00	15.0	—
Site Preparation	Site Preparation	3/22/2025	7/25/2025	5.00	90.0	—
Grading	Grading	7/26/2025	8/28/2026	5.00	285	—
Building Construction	Building Construction	10/24/2026	7/7/2032	5.00	1,488	—
Paving	Paving	8/29/2026	10/23/2026	5.00	40.0	—
Architectural Coating	Architectural Coating	5/21/2027	7/7/2032	5.00	1,339	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Excavators	Diesel	Tier 3	1.00	5.00	158	0.38
Site Preparation	Rubber Tired Dozers	Diesel	Tier 3	3.00	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 3	4.00	8.00	97.0	0.37
Grading	Graders	Diesel	Tier 3	1.00	8.00	187	0.41
Grading	Excavators	Diesel	Tier 3	3.00	8.00	158	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 3	3.00	8.00	97.0	0.37

Grading	Scrapers	Diesel	Tier 3	4.00	8.00	367	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 3	3.00	8.00	247	0.40
Grading	Bore/Drill Rigs	Diesel	Tier 3	2.00	3.00	221	0.50
Grading	Crushing/Proc. Equipment	Diesel	Tier 3	1.00	3.00	85.0	0.78
Building Construction	Forklifts	Diesel	Tier 3	3.00	4.00	89.0	0.20
Building Construction	Generator Sets	Diesel	Tier 3	1.00	4.00	84.0	0.74
Building Construction	Cranes	Diesel	Tier 3	1.00	3.00	231	0.29
Building Construction	Welders	Diesel	Tier 3	1.00	4.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 3	3.00	3.00	97.0	0.37
Paving	Pavers	Diesel	Tier 3	2.00	8.00	130	0.42
Paving	Paving Equipment	Diesel	Tier 3	2.00	8.00	132	0.36
Paving	Rollers	Diesel	Tier 3	2.00	8.00	80.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	3.00	78.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Excavators	Diesel	Tier 3	1.00	5.00	158	0.38
Site Preparation	Rubber Tired Dozers	Diesel	Tier 3	3.00	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 3	4.00	8.00	97.0	0.37
Grading	Graders	Diesel	Tier 3	1.00	8.00	187	0.41
Grading	Excavators	Diesel	Tier 3	3.00	8.00	158	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 3	3.00	8.00	97.0	0.37
Grading	Scrapers	Diesel	Tier 3	4.00	8.00	367	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 3	3.00	8.00	247	0.40
Grading	Bore/Drill Rigs	Diesel	Tier 3	2.00	3.00	221	0.50

Grading	Crushing/Proc. Equipment	Diesel	Tier 3	1.00	3.00	85.0	0.78
Building Construction	Forklifts	Diesel	Tier 3	3.00	4.00	89.0	0.20
Building Construction	Generator Sets	Diesel	Tier 3	1.00	4.00	84.0	0.74
Building Construction	Cranes	Diesel	Tier 3	1.00	3.00	231	0.29
Building Construction	Welders	Diesel	Tier 3	1.00	4.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 3	3.00	3.00	97.0	0.37
Paving	Pavers	Diesel	Tier 3	2.00	8.00	130	0.42
Paving	Paving Equipment	Diesel	Tier 3	2.00	8.00	132	0.36
Paving	Rollers	Diesel	Tier 3	2.00	8.00	80.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	3.00	78.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	2.50	12.0	LDA,LDT1,LDT2
Demolition	Vendor	—	7.63	HHDT,MHDT
Demolition	Hauling	11.5	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	12.0	LDA,LDT1,LDT2
Site Preparation	Vendor	—	7.63	HHDT,MHDT
Site Preparation	Hauling	551	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—

Grading	Worker	42.5	12.0	LDA,LDT1,LDT2
Grading	Vendor	—	7.63	HHDT,MHDT
Grading	Hauling	484	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	143	12.0	LDA,LDT1,LDT2
Building Construction	Vendor	42.3	7.63	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	12.0	LDA,LDT1,LDT2
Paving	Vendor	—	7.63	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	28.5	12.0	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	7.63	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	2.50	12.0	LDA,LDT1,LDT2
Demolition	Vendor	—	7.63	HHDT,MHDT
Demolition	Hauling	11.5	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	12.0	LDA,LDT1,LDT2
Site Preparation	Vendor	—	7.63	HHDT,MHDT
Site Preparation	Hauling	551	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	42.5	12.0	LDA,LDT1,LDT2
Grading	Vendor	—	7.63	HHDT,MHDT
Grading	Hauling	484	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	143	12.0	LDA,LDT1,LDT2
Building Construction	Vendor	42.3	7.63	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	12.0	LDA,LDT1,LDT2
Paving	Vendor	—	7.63	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	28.5	12.0	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	7.63	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	1,443,420	481,140	0.00	0.00	83,635

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	15,000	—
Site Preparation	198,413	198,413	1,550	0.00	—
Grading	551,587	551,587	1,550	0.00	—
Paving	0.00	0.00	0.00	0.00	36.4

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	4.36	0%
City Park	0.00	0%
Other Asphalt Surfaces	32.0	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	589	0.03	< 0.005
2026	0.00	589	0.03	< 0.005
2027	0.00	589	0.03	< 0.005
2028	0.00	589	0.03	< 0.005
2029	0.00	589	0.03	< 0.005
2030	0.00	589	0.03	< 0.005
2031	0.00	589	0.03	< 0.005
2032	0.00	589	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	3,992	3,992	3,992	1,456,963	40,562	40,562	40,562	14,805,102
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	3,992	3,992	3,992	1,456,963	40,562	40,562	40,562	14,805,102
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	396
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	-0
Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	396
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0

Non-Catalytic Wood Stoves	-0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
1443420	481,140	0.00	0.00	83,635

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	2,431,946	170	0.0330	0.0040	11,292,706
City Park	0.00	170	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	170	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	2,431,946	170	0.0330	0.0040	11,292,706
City Park	0.00	170	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	170	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	13,912,698	84,718,798
City Park	0.00	133
Other Asphalt Surfaces	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	13,912,698	84,718,798
City Park	0.00	133
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	262	—

City Park	1.38	—
Other Asphalt Surfaces	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	262	—
City Park	1.38	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0

Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
--------------------	---------------	-------------

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	18.4	annual days of extreme heat
Extreme Precipitation	5.10	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	46.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	N/A	N/A	N/A	N/A
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The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—

AQ-Ozone	67.0
AQ-PM	7.22
AQ-DPM	19.2
Drinking Water	94.8
Lead Risk Housing	39.4
Pesticides	76.0
Toxic Releases	8.05
Traffic	12.5
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	83.2
Haz Waste Facilities/Generators	69.4
Impaired Water Bodies	72.2
Solid Waste	0.00
Sensitive Population	—
Asthma	37.9
Cardio-vascular	31.8
Low Birth Weights	17.2
Socioeconomic Factor Indicators	—
Education	49.8
Housing	78.1
Linguistic	38.1
Poverty	56.1
Unemployment	82.3

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	44.10368279
Employed	11.71564224
Median HI	64.99422559
Education	—
Bachelor's or higher	57.80828949
High school enrollment	21.05735917
Preschool enrollment	9.097908379
Transportation	—
Auto Access	75.69613756
Active commuting	12.70370846
Social	—
2-parent households	70.37084563
Voting	73.32221224
Neighborhood	—
Alcohol availability	90.68394713
Park access	6.056717567
Retail density	3.015526755
Supermarket access	2.399589375
Tree canopy	64.62209675
Housing	—
Homeownership	74.16912614
Housing habitability	53.52239189
Low-inc homeowner severe housing cost burden	51.49493135
Low-inc renter severe housing cost burden	36.68677018
Uncrowded housing	41.84524573

Health Outcomes	—
Insured adults	37.58501219
Arthritis	0.0
Asthma ER Admissions	90.5
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	18.2
Cognitively Disabled	68.5
Physically Disabled	59.0
Heart Attack ER Admissions	90.7
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	72.7
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	28.6
SLR Inundation Area	0.0

Children	6.4
Elderly	56.5
English Speaking	53.3
Foreign-born	25.1
Outdoor Workers	9.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.7
Traffic Density	10.6
Traffic Access	23.0
Other Indices	—
Hardship	57.7
Other Decision Support	—
2016 Voting	74.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	47.0
Healthy Places Index Score for Project Location (b)	39.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Matching Approved Project
Construction: Construction Phases	Construction Estimate starting 3 years later than approved project
Construction: Off-Road Equipment	Matches Approved Project Equipment
Construction: Off-Road Equipment EF	Match Existing Approved Project
Operations: Vehicle Data	per Project
Operations: Hearths	updated to reflect Project Design
Construction: Dust From Material Movement	Modified to be the same as the existing Project

Ocean Breeze Ranch 2030 Operations - San Diego County, Annual

**Ocean Breeze Ranch 2030 Operations
San Diego County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	32.00	Acre	32.00	1,393,920.00	0
City Park	16.00	Acre	16.00	696,960.00	0
Single Family Housing	396.00	Dwelling Unit	264.00	712,800.00	1133

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	402.51	CH4 Intensity (lb/MW hr)	0.016	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

Ocean Breeze Ranch 2030 Operations - San Diego County, Annual

Project Characteristics - rps for fully operational year 2030 50% RPS

Land Use - Proposed project... Project Engineer estimated 32 acres of paving

Construction Phase - Project Construction Durations

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Trips and VMT - Project soil export and import hauling length would be from moving material onsite.

Demolition -

Grading - 945000 cf onsite earthwork haulage... 1,500' only though 0.5 mile was assumed. 312 ac with multiple passes

Architectural Coating - rule 67 paint

Vehicle Trips - per TS 396 units to generate 3,990 trips 10.08 trips per average unit. Parks would be primarily for project usage and would not generate trips per TS

Woodstoves - PDF - All fireplaces are Natural Gas

Area Coating - rule 67 paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Tier 3 with DPF

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix -

Ocean Breeze Ranch 2030 Operations - San Diego County, Annual

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	400.00	15.00
tblConstructionPhase	NumDays	240.00	90.00

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tblConstructionPhase	NumDays	620.00	285.00
tblConstructionPhase	NumDays	440.00	40.00
tblConstructionPhase	NumDays	6,200.00	1,488.00
tblConstructionPhase	NumDays	440.00	1,339.00
tblFireplaces	NumberGas	217.80	396.00
tblFireplaces	NumberNoFireplace	39.60	0.00
tblFireplaces	NumberWood	138.60	0.00
tblGrading	AcresOfGrading	1,567.50	1,550.00
tblGrading	AcresOfGrading	0.00	1,550.00
tblGrading	MaterialExported	0.00	347,500.00
tblGrading	MaterialExported	0.00	125,000.00
tblGrading	MaterialImported	0.00	347,500.00
tblGrading	MaterialImported	0.00	125,000.00
tblLandUse	LotAcreage	128.57	264.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	UsageHours	6.00	3.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	5.00

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tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.016
tblProjectCharacteristics	CO2IntensityFactor	720.49	402.51
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblVehicleTrips	HO_TTP	39.60	40.00
tblVehicleTrips	HS_TTP	18.80	18.00
tblVehicleTrips	HW_TTP	41.60	42.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	10.08
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	10.08
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	10.08
tblWoodstoves	NumberCatalytic	19.80	0.00
tblWoodstoves	NumberNoncatalytic	19.80	0.00

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.7009	9.7818	4.9794	0.0140	3.6287	0.2919	3.9206	1.2198	0.2689	1.4887	0.0000	1,270.745 0	1,270.745 0	0.3345	0.0000	1,279.108 5
2023	0.9214	10.0822	6.9486	0.0212	2.8561	0.3024	3.1585	1.0636	0.2789	1.3425	0.0000	1,921.842 6	1,921.842 6	0.4177	0.0000	1,932.284 1
2024	1.3939	4.9626	6.5526	0.0296	2.1765	0.0559	2.2325	0.5852	0.0526	0.6379	0.0000	2,761.559 3	2,761.559 3	0.1484	0.0000	2,765.270 2
2025	1.7428	4.8530	6.5323	0.0299	2.2949	0.0519	2.3468	0.6167	0.0489	0.6655	0.0000	2,785.667 9	2,785.667 9	0.1465	0.0000	2,789.331 1
2026	1.7149	4.7740	6.2552	0.0292	2.2949	0.0514	2.3463	0.6167	0.0484	0.6650	0.0000	2,724.972 3	2,724.972 3	0.1433	0.0000	2,728.554 4
2027	1.6871	4.7006	6.0100	0.0286	2.2949	0.0506	2.3455	0.6167	0.0477	0.6643	0.0000	2,671.283 2	2,671.283 2	0.1405	0.0000	2,674.794 9
2028	1.6516	4.6200	5.7793	0.0280	2.2861	0.0495	2.3356	0.6143	0.0466	0.6609	0.0000	2,614.362 5	2,614.362 5	0.1375	0.0000	2,617.800 0
2029	0.8349	2.3492	2.8762	0.0142	1.1782	0.0251	1.2033	0.3166	0.0236	0.3402	0.0000	1,325.984 6	1,325.984 6	0.0698	0.0000	1,327.729 1
Maximum	1.7428	10.0822	6.9486	0.0299	3.6287	0.3024	3.9206	1.2198	0.2789	1.4887	0.0000	2,785.667 9	2,785.667 9	0.4177	0.0000	2,789.331 1

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.3125	7.8058	6.2468	0.0140	3.6287	0.0331	3.6618	1.2198	0.0330	1.2528	0.0000	1,270.743 9	1,270.743 9	0.3345	0.0000	1,279.107 4
2023	0.5375	9.0054	8.9095	0.0212	2.8561	0.0440	2.9000	1.0636	0.0437	1.1073	0.0000	1,921.841 2	1,921.841 2	0.4177	0.0000	1,932.282 7
2024	1.3399	5.0186	6.6521	0.0296	2.1765	0.0250	2.2015	0.5852	0.0239	0.6091	0.0000	2,761.559 1	2,761.559 1	0.1484	0.0000	2,765.270 0
2025	1.6930	4.9751	6.6369	0.0299	2.2949	0.0257	2.3207	0.6167	0.0246	0.6412	0.0000	2,785.667 7	2,785.667 7	0.1465	0.0000	2,789.331 0
2026	1.6651	4.8961	6.3598	0.0292	2.2949	0.0252	2.3201	0.6167	0.0241	0.6407	0.0000	2,724.972 1	2,724.972 1	0.1433	0.0000	2,728.554 2
2027	1.6374	4.8227	6.1147	0.0286	2.2949	0.0245	2.3194	0.6167	0.0234	0.6400	0.0000	2,671.283 0	2,671.283 0	0.1405	0.0000	2,674.794 7
2028	1.6020	4.7417	5.8836	0.0280	2.2861	0.0234	2.3095	0.6143	0.0224	0.6367	0.0000	2,614.362 3	2,614.362 3	0.1375	0.0000	2,617.799 8
2029	0.8094	2.4119	2.9299	0.0142	1.1782	0.0116	1.1899	0.3166	0.0111	0.3277	0.0000	1,325.984 5	1,325.984 5	0.0698	0.0000	1,327.729 0
Maximum	1.6930	9.0054	8.9095	0.0299	3.6287	0.0440	3.6618	1.2198	0.0437	1.2528	0.0000	2,785.667 7	2,785.667 7	0.4177	0.0000	2,789.331 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
Percent Reduction	9.87	5.30	-8.27	0.00	0.00	75.82	3.35	0.00	74.73	9.43	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)
4	1-1-2022	3-31-2022	0.2628	0.2076
5	4-1-2022	6-30-2022	2.2640	1.7356

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6	7-1-2022	9-30-2022	3.7147	2.8829
7	10-1-2022	12-31-2022	4.2179	3.2750
8	1-1-2023	3-31-2023	3.6153	3.0658
9	4-1-2023	6-30-2023	3.6763	3.1206
10	7-1-2023	9-30-2023	2.5418	2.1889
11	10-1-2023	12-31-2023	1.2116	1.2052
12	1-1-2024	3-31-2024	1.4071	1.4075
13	4-1-2024	6-30-2024	1.5124	1.5128
14	7-1-2024	9-30-2024	1.6884	1.6890
15	10-1-2024	12-31-2024	1.7255	1.7261
16	1-1-2025	3-31-2025	1.6408	1.6586
17	4-1-2025	6-30-2025	1.6240	1.6420
18	7-1-2025	9-30-2025	1.6419	1.6601
19	10-1-2025	12-31-2025	1.6773	1.6955
20	1-1-2026	3-31-2026	1.6139	1.6317
21	4-1-2026	6-30-2026	1.5982	1.6163
22	7-1-2026	9-30-2026	1.6158	1.6340
23	10-1-2026	12-31-2026	1.6498	1.6680
24	1-1-2027	3-31-2027	1.5883	1.6062
25	4-1-2027	6-30-2027	1.5738	1.5919
26	7-1-2027	9-30-2027	1.5911	1.6093
27	10-1-2027	12-31-2027	1.6236	1.6419
28	1-1-2028	3-31-2028	1.5823	1.6003
29	4-1-2028	6-30-2028	1.5517	1.5697
30	7-1-2028	9-30-2028	1.5687	1.5869
31	10-1-2028	12-31-2028	1.5997	1.6179
32	1-1-2029	3-31-2029	1.5409	1.5587

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33	4-1-2029	6-30-2029	1.5290	1.5470
34	7-1-2029	9-30-2029	0.0840	0.0850
		Highest	4.2179	3.2750

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	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812
Energy	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	1,079.5452	1,079.5452	0.0327	0.0134	1,084.3638
Mobile	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771
Waste						0.0000	0.0000		0.0000	0.0000	94.5755	0.0000	94.5755	5.5893	0.0000	234.3069
Water						0.0000	0.0000		0.0000	0.0000	8.1855	133.0000	141.1855	0.8460	0.0208	168.5469
Total	4.3968	4.5730	14.8033	0.0539	5.5842	0.1041	5.6883	1.4948	0.1019	1.5966	102.7610	6,108.8489	6,211.6099	6.6940	0.0400	6,390.8757

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812
Energy	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	1,003.9379	1,003.9379	0.0297	0.0129	1,008.5134
Mobile	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771
Waste						0.0000	0.0000		0.0000	0.0000	70.9316	0.0000	70.9316	4.1919	0.0000	175.7301
Water						0.0000	0.0000		0.0000	0.0000	8.1855	118.6674	126.8529	0.8454	0.0207	154.1682
Total	4.3968	4.5730	14.8033	0.0539	5.5842	0.1041	5.6883	1.4948	0.1019	1.5966	79.1171	6,018.9090	6,098.0261	5.2931	0.0393	6,242.0700

	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	23.01	1.47	1.83	20.93	1.65	2.33

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2022	3/21/2022	5	15	
2	Site Preparation	Site Preparation	3/22/2022	7/25/2022	5	90	
3	Grading	Grading	7/26/2022	8/28/2023	5	285	
4	Paving	Paving	8/29/2023	10/23/2023	5	40	
5	Building Construction	Building Construction	10/24/2023	7/5/2029	5	1488	
6	Architectural Coating	Architectural Coating	5/20/2024	7/5/2029	5	1339	

Acres of Grading (Site Preparation Phase): 1550

Acres of Grading (Grading Phase): 1550

Acres of Paving: 32

Residential Indoor: 1,443,420; Residential Outdoor: 481,140; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 83,635 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Excavators	1	5.00	158	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Bore/Drill Rigs	2	3.00	221	0.50
Grading	Crushing/Proc. Equipment	1	3.00	85	0.78
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	3	8.00	187	0.41
Grading	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
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
Building Construction	Cranes	1	3.00	231	0.29
Building Construction	Forklifts	3	4.00	89	0.20
Building Construction	Generator Sets	1	4.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	3.00	97	0.37
Building Construction	Welders	1	4.00	46	0.45
Architectural Coating	Air Compressors	1	3.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	1	3.00	0.00	68.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	31,250.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Grading	19	48.00	0.00	86,875.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,021.00	385.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	204.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

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					7.4700e-003	0.0000	7.4700e-003	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5000e-004	8.3300e-003	0.0153	2.0000e-005		4.0000e-004	4.0000e-004		3.7000e-004	3.7000e-004	0.0000	2.1263	2.1263	6.9000e-004	0.0000	2.1435
Total	9.5000e-004	8.3300e-003	0.0153	2.0000e-005	7.4700e-003	4.0000e-004	7.8700e-003	1.1300e-003	3.7000e-004	1.5000e-003	0.0000	2.1263	2.1263	6.9000e-004	0.0000	2.1435

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3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4000e-004	8.1200e-003	2.1700e-003	3.0000e-005	5.8000e-004	2.0000e-005	6.0000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	2.5555	2.5555	2.3000e-004	0.0000	2.5613
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	7.6000e-004	0.0000	2.8000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.2338	0.2338	1.0000e-005	0.0000	0.2339
Total	3.4000e-004	8.2000e-003	2.9300e-003	3.0000e-005	8.6000e-004	2.0000e-005	8.8000e-004	2.3000e-004	2.0000e-005	2.6000e-004	0.0000	2.7893	2.7893	2.4000e-004	0.0000	2.7953

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.4700e-003	0.0000	7.4700e-003	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-004	0.0115	0.0184	2.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	2.1263	2.1263	6.9000e-004	0.0000	2.1435
Total	6.0000e-004	0.0115	0.0184	2.0000e-005	7.4700e-003	8.0000e-005	7.5500e-003	1.1300e-003	8.0000e-005	1.2100e-003	0.0000	2.1263	2.1263	6.9000e-004	0.0000	2.1435

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3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4000e-004	8.1200e-003	2.1700e-003	3.0000e-005	5.8000e-004	2.0000e-005	6.0000e-004	1.6000e-004	2.0000e-005	1.8000e-004	0.0000	2.5555	2.5555	2.3000e-004	0.0000	2.5613
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	7.6000e-004	0.0000	2.8000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.2338	0.2338	1.0000e-005	0.0000	0.2339
Total	3.4000e-004	8.2000e-003	2.9300e-003	3.0000e-005	8.6000e-004	2.0000e-005	8.8000e-004	2.3000e-004	2.0000e-005	2.6000e-004	0.0000	2.7893	2.7893	2.4000e-004	0.0000	2.7953

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					1.6524	0.0000	1.6524	0.5383	0.0000	0.5383	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1427	1.4888	0.8864	1.7100e-003		0.0726	0.0726		0.0668	0.0668	0.0000	150.4773	150.4773	0.0487	0.0000	151.6939
Total	0.1427	1.4888	0.8864	1.7100e-003	1.6524	0.0726	1.7250	0.5383	0.0668	0.6051	0.0000	150.4773	150.4773	0.0487	0.0000	151.6939

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3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0270	1.4520	0.2252	1.7800e-003	7.0100e-003	9.4000e-004	7.9500e-003	1.9500e-003	9.0000e-004	2.8500e-003	0.0000	177.0850	177.0850	0.0282	0.0000	177.7888
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7600e-003	2.7300e-003	0.0273	9.0000e-005	0.0101	7.0000e-005	0.0102	2.6800e-003	6.0000e-005	2.7500e-003	0.0000	8.4164	8.4164	2.2000e-004	0.0000	8.4219
Total	0.0307	1.4547	0.2525	1.8700e-003	0.0171	1.0100e-003	0.0181	4.6300e-003	9.6000e-004	5.6000e-003	0.0000	185.5014	185.5014	0.0284	0.0000	186.2107

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6524	0.0000	1.6524	0.5383	0.0000	0.5383	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0419	0.8580	1.0332	1.7100e-003		6.3900e-003	6.3900e-003		6.3900e-003	6.3900e-003	0.0000	150.4771	150.4771	0.0487	0.0000	151.6938
Total	0.0419	0.8580	1.0332	1.7100e-003	1.6524	6.3900e-003	1.6588	0.5383	6.3900e-003	0.5447	0.0000	150.4771	150.4771	0.0487	0.0000	151.6938

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3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0270	1.4520	0.2252	1.7800e-003	7.0100e-003	9.4000e-004	7.9500e-003	1.9500e-003	9.0000e-004	2.8500e-003	0.0000	177.0850	177.0850	0.0282	0.0000	177.7888
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7600e-003	2.7300e-003	0.0273	9.0000e-005	0.0101	7.0000e-005	0.0102	2.6800e-003	6.0000e-005	2.7500e-003	0.0000	8.4164	8.4164	2.2000e-004	0.0000	8.4219
Total	0.0307	1.4547	0.2525	1.8700e-003	0.0171	1.0100e-003	0.0181	4.6300e-003	9.6000e-004	5.6000e-003	0.0000	185.5014	185.5014	0.0284	0.0000	186.2107

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					1.9005	0.0000	1.9005	0.6622	0.0000	0.6622	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4835	5.1981	3.4798	8.0200e-003		0.2166	0.2166		0.1996	0.1996	0.0000	704.5036	704.5036	0.2245	0.0000	710.1167
Total	0.4835	5.1981	3.4798	8.0200e-003	1.9005	0.2166	2.1171	0.6622	0.1996	0.8618	0.0000	704.5036	704.5036	0.2245	0.0000	710.1167

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3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0300	1.6146	0.2504	1.9800e-003	0.0162	1.0500e-003	0.0172	4.2300e-003	1.0000e-003	5.2300e-003	0.0000	196.9185	196.9185	0.0313	0.0000	197.7011
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0127	9.2100e-003	0.0922	3.1000e-004	0.0341	2.3000e-004	0.0343	9.0600e-003	2.1000e-004	9.2700e-003	0.0000	28.4286	28.4286	7.5000e-004	0.0000	28.4474
Total	0.0427	1.6238	0.3426	2.2900e-003	0.0503	1.2800e-003	0.0516	0.0133	1.2100e-003	0.0145	0.0000	225.3471	225.3471	0.0321	0.0000	226.1485

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.9005	0.0000	1.9005	0.6622	0.0000	0.6622	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1962	3.8496	4.5973	8.0200e-003		0.0243	0.0243		0.0243	0.0243	0.0000	704.5028	704.5028	0.2245	0.0000	710.1158
Total	0.1962	3.8496	4.5973	8.0200e-003	1.9005	0.0243	1.9248	0.6622	0.0243	0.6865	0.0000	704.5028	704.5028	0.2245	0.0000	710.1158

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3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0300	1.6146	0.2504	1.9800e-003	0.0162	1.0500e-003	0.0172	4.2300e-003	1.0000e-003	5.2300e-003	0.0000	196.9185	196.9185	0.0313	0.0000	197.7011
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0127	9.2100e-003	0.0922	3.1000e-004	0.0341	2.3000e-004	0.0343	9.0600e-003	2.1000e-004	9.2700e-003	0.0000	28.4286	28.4286	7.5000e-004	0.0000	28.4474
Total	0.0427	1.6238	0.3426	2.2900e-003	0.0503	1.2800e-003	0.0516	0.0133	1.2100e-003	0.0145	0.0000	225.3471	225.3471	0.0321	0.0000	226.1485

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					2.4154	0.0000	2.4154	0.9452	0.0000	0.9452	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6585	6.8721	5.0068	0.0120		0.2801	0.2801		0.2581	0.2581	0.0000	1,056.8043	1,056.8043	0.3367	0.0000	1,065.2217
Total	0.6585	6.8721	5.0068	0.0120	2.4154	0.2801	2.6955	0.9452	0.2581	1.2033	0.0000	1,056.8043	1,056.8043	0.3367	0.0000	1,065.2217

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3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0328	2.0560	0.3318	2.8600e-003	0.0173	9.1000e-004	0.0182	4.6300e-003	8.7000e-004	5.5000e-003	0.0000	284.8299	284.8299	0.0392	0.0000	285.8101
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0181	0.0126	0.1283	4.5000e-004	0.0512	3.3000e-004	0.0515	0.0136	3.1000e-004	0.0139	0.0000	41.0128	41.0128	1.0300e-003	0.0000	41.0386
Total	0.0509	2.0686	0.4602	3.3100e-003	0.0684	1.2400e-003	0.0697	0.0182	1.1800e-003	0.0194	0.0000	325.8428	325.8428	0.0402	0.0000	326.8487

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.4154	0.0000	2.4154	0.9452	0.0000	0.9452	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2943	5.7745	6.8959	0.0120		0.0365	0.0365		0.0365	0.0365	0.0000	1,056.8030	1,056.8030	0.3367	0.0000	1,065.2204
Total	0.2943	5.7745	6.8959	0.0120	2.4154	0.0365	2.4519	0.9452	0.0365	0.9817	0.0000	1,056.8030	1,056.8030	0.3367	0.0000	1,065.2204

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3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0328	2.0560	0.3318	2.8600e-003	0.0173	9.1000e-004	0.0182	4.6300e-003	8.7000e-004	5.5000e-003	0.0000	284.8299	284.8299	0.0392	0.0000	285.8101
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0181	0.0126	0.1283	4.5000e-004	0.0512	3.3000e-004	0.0515	0.0136	3.1000e-004	0.0139	0.0000	41.0128	41.0128	1.0300e-003	0.0000	41.0386
Total	0.0509	2.0686	0.4602	3.3100e-003	0.0684	1.2400e-003	0.0697	0.0182	1.1800e-003	0.0194	0.0000	325.8428	325.8428	0.0402	0.0000	326.8487

3.5 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	0.0207	0.2038	0.2917	4.6000e-004		0.0102	0.0102		9.3900e-003	9.3900e-003	0.0000	40.0537	40.0537	0.0130	0.0000	40.3776
Paving	0.0419					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0626	0.2038	0.2917	4.6000e-004		0.0102	0.0102		9.3900e-003	9.3900e-003	0.0000	40.0537	40.0537	0.0130	0.0000	40.3776

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3.5 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3200e-003	9.2000e-004	9.3800e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7700e-003	9.9000e-004	2.0000e-005	1.0200e-003	0.0000	2.9980	2.9980	8.0000e-005	0.0000	2.9999
Total	1.3200e-003	9.2000e-004	9.3800e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7700e-003	9.9000e-004	2.0000e-005	1.0200e-003	0.0000	2.9980	2.9980	8.0000e-005	0.0000	2.9999

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0112	0.2259	0.3459	4.6000e-004		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003	0.0000	40.0537	40.0537	0.0130	0.0000	40.3775
Paving	0.0419					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0531	0.2259	0.3459	4.6000e-004		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003	0.0000	40.0537	40.0537	0.0130	0.0000	40.3775

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3.5 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3200e-003	9.2000e-004	9.3800e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7700e-003	9.9000e-004	2.0000e-005	1.0200e-003	0.0000	2.9980	2.9980	8.0000e-005	0.0000	2.9999
Total	1.3200e-003	9.2000e-004	9.3800e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7700e-003	9.9000e-004	2.0000e-005	1.0200e-003	0.0000	2.9980	2.9980	8.0000e-005	0.0000	2.9999

3.6 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	0.0180	0.1633	0.1859	3.1000e-004		7.9800e-003	7.9800e-003		7.5200e-003	7.5200e-003	0.0000	26.3630	26.3630	6.1000e-003	0.0000	26.5155
Total	0.0180	0.1633	0.1859	3.1000e-004		7.9800e-003	7.9800e-003		7.5200e-003	7.5200e-003	0.0000	26.3630	26.3630	6.1000e-003	0.0000	26.5155

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3.6 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0198	0.6964	0.2124	2.2400e-003	0.0566	7.9000e-004	0.0574	0.0164	7.6000e-004	0.0171	0.0000	219.8015	219.8015	0.0153	0.0000	220.1845
Worker	0.1103	0.0770	0.7822	2.7600e-003	0.3119	2.0300e-003	0.3139	0.0829	1.8700e-003	0.0847	0.0000	249.9793	249.9793	6.2800e-003	0.0000	250.1363
Total	0.1301	0.7734	0.9946	5.0000e-003	0.3685	2.8200e-003	0.3714	0.0992	2.6300e-003	0.1019	0.0000	469.7808	469.7808	0.0216	0.0000	470.3208

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.6900e-003	0.1621	0.2035	3.1000e-004		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	26.3630	26.3630	6.1000e-003	0.0000	26.5154
Total	7.6900e-003	0.1621	0.2035	3.1000e-004		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	26.3630	26.3630	6.1000e-003	0.0000	26.5154

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3.6 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0198	0.6964	0.2124	2.2400e-003	0.0566	7.9000e-004	0.0574	0.0164	7.6000e-004	0.0171	0.0000	219.8015	219.8015	0.0153	0.0000	220.1845
Worker	0.1103	0.0770	0.7822	2.7600e-003	0.3119	2.0300e-003	0.3139	0.0829	1.8700e-003	0.0847	0.0000	249.9793	249.9793	6.2800e-003	0.0000	250.1363
Total	0.1301	0.7734	0.9946	5.0000e-003	0.3685	2.8200e-003	0.3714	0.0992	2.6300e-003	0.1019	0.0000	469.7808	469.7808	0.0216	0.0000	470.3208

3.6 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	0.0901	0.8163	0.9895	1.6400e-003		0.0374	0.0374		0.0352	0.0352	0.0000	140.9864	140.9864	0.0324	0.0000	141.7962
Total	0.0901	0.8163	0.9895	1.6400e-003		0.0374	0.0374		0.0352	0.0352	0.0000	140.9864	140.9864	0.0324	0.0000	141.7962

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3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1022	3.6726	1.0980	0.0119	0.3028	4.1200e-003	0.3069	0.0874	3.9400e-003	0.0914	0.0000	1,167.6374	1,167.6374	0.0808	0.0000	1,169.6568
Worker	0.5618	0.3776	3.9090	0.0142	1.6677	0.0107	1.6784	0.4431	9.8300e-003	0.4529	0.0000	1,283.9694	1,283.9694	0.0309	0.0000	1,284.7411
Total	0.6640	4.0502	5.0069	0.0261	1.9705	0.0148	1.9853	0.5305	0.0138	0.5443	0.0000	2,451.6068	2,451.6068	0.1117	0.0000	2,454.3979

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0411	0.8668	1.0881	1.6400e-003		8.3000e-003	8.3000e-003		8.3000e-003	8.3000e-003	0.0000	140.9862	140.9862	0.0324	0.0000	141.7961
Total	0.0411	0.8668	1.0881	1.6400e-003		8.3000e-003	8.3000e-003		8.3000e-003	8.3000e-003	0.0000	140.9862	140.9862	0.0324	0.0000	141.7961

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3.6 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1022	3.6726	1.0980	0.0119	0.3028	4.1200e-003	0.3069	0.0874	3.9400e-003	0.0914	0.0000	1,167.6374	1,167.6374	0.0808	0.0000	1,169.6568
Worker	0.5618	0.3776	3.9090	0.0142	1.6677	0.0107	1.6784	0.4431	9.8300e-003	0.4529	0.0000	1,283.9694	1,283.9694	0.0309	0.0000	1,284.7411
Total	0.6640	4.0502	5.0069	0.0261	1.9705	0.0148	1.9853	0.5305	0.0138	0.5443	0.0000	2,451.6068	2,451.6068	0.1117	0.0000	2,454.3979

3.6 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	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893
Total	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893

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3.6 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0987	3.6067	1.0706	0.0118	0.3016	3.9800e-003	0.3056	0.0871	3.8000e-003	0.0909	0.0000	1,155.9638	1,155.9638	0.0795	0.0000	1,157.9509
Worker	0.5354	0.3471	3.6363	0.0136	1.6614	0.0105	1.6718	0.4414	9.6300e-003	0.4510	0.0000	1,227.3308	1,227.3308	0.0284	0.0000	1,228.0407
Total	0.6341	3.9538	4.7069	0.0253	1.9630	0.0144	1.9774	0.5285	0.0134	0.5419	0.0000	2,383.2946	2,383.2946	0.1079	0.0000	2,385.9916

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891
Total	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891

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3.6 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0987	3.6067	1.0706	0.0118	0.3016	3.9800e-003	0.3056	0.0871	3.8000e-003	0.0909	0.0000	1,155.9638	1,155.9638	0.0795	0.0000	1,157.9509
Worker	0.5354	0.3471	3.6363	0.0136	1.6614	0.0105	1.6718	0.4414	9.6300e-003	0.4510	0.0000	1,227.3308	1,227.3308	0.0284	0.0000	1,228.0407
Total	0.6341	3.9538	4.7069	0.0253	1.9630	0.0144	1.9774	0.5285	0.0134	0.5419	0.0000	2,383.2946	2,383.2946	0.1079	0.0000	2,385.9916

3.6 Building Construction - 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					
Off-Road	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893
Total	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893

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3.6 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0961	3.5565	1.0544	0.0117	0.3016	3.8600e-003	0.3055	0.0871	3.6900e-003	0.0908	0.0000	1,149.2071	1,149.2071	0.0786	0.0000	1,151.1710
Worker	0.5143	0.3231	3.4189	0.0131	1.6614	0.0101	1.6715	0.4414	9.3200e-003	0.4507	0.0000	1,182.3743	1,182.3743	0.0265	0.0000	1,183.0360
Total	0.6104	3.8796	4.4732	0.0247	1.9630	0.0140	1.9770	0.5285	0.0130	0.5415	0.0000	2,331.5814	2,331.5814	0.1050	0.0000	2,334.2070

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891
Total	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891

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3.6 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0961	3.5565	1.0544	0.0117	0.3016	3.8600e-003	0.3055	0.0871	3.6900e-003	0.0908	0.0000	1,149.2071	1,149.2071	0.0786	0.0000	1,151.1710
Worker	0.5143	0.3231	3.4189	0.0131	1.6614	0.0101	1.6715	0.4414	9.3200e-003	0.4507	0.0000	1,182.3743	1,182.3743	0.0265	0.0000	1,183.0360
Total	0.6104	3.8796	4.4732	0.0247	1.9630	0.0140	1.9770	0.5285	0.0130	0.5415	0.0000	2,331.5814	2,331.5814	0.1050	0.0000	2,334.2070

3.6 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893
Total	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893

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3.6 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0940	3.5086	1.0406	0.0116	0.3016	3.7600e-003	0.3054	0.0871	3.5900e-003	0.0907	0.0000	1,143.0366	1,143.0366	0.0778	0.0000	1,144.9804
Worker	0.4929	0.3018	3.2260	0.0126	1.6614	9.5800e-003	1.6709	0.4414	8.8100e-003	0.4502	0.0000	1,142.7690	1,142.7690	0.0248	0.0000	1,143.3887
Total	0.5869	3.8104	4.2666	0.0242	1.9630	0.0133	1.9763	0.5285	0.0124	0.5409	0.0000	2,285.8056	2,285.8056	0.1025	0.0000	2,288.3691

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891
Total	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891

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3.6 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0940	3.5086	1.0406	0.0116	0.3016	3.7600e-003	0.3054	0.0871	3.5900e-003	0.0907	0.0000	1,143.0366	1,143.0366	0.0778	0.0000	1,144.9804
Worker	0.4929	0.3018	3.2260	0.0126	1.6614	9.5800e-003	1.6709	0.4414	8.8100e-003	0.4502	0.0000	1,142.7690	1,142.7690	0.0248	0.0000	1,143.3887
Total	0.5869	3.8104	4.2666	0.0242	1.9630	0.0133	1.9763	0.5285	0.0124	0.5409	0.0000	2,285.8056	2,285.8056	0.1025	0.0000	2,288.3691

3.6 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0831	0.7523	0.9771	1.6300e-003		0.0319	0.0319		0.0300	0.0300	0.0000	139.9494	139.9494	0.0319	0.0000	140.7480
Total	0.0831	0.7523	0.9771	1.6300e-003		0.0319	0.0319		0.0300	0.0300	0.0000	139.9494	139.9494	0.0319	0.0000	140.7480

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3.6 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0919	3.4551	1.0294	0.0115	0.3005	3.6600e-003	0.3041	0.0868	3.5000e-003	0.0903	0.0000	1,133.4954	1,133.4954	0.0767	0.0000	1,135.4134
Worker	0.4682	0.2819	3.0465	0.0122	1.6550	8.8300e-003	1.6638	0.4397	8.1200e-003	0.4478	0.0000	1,103.7815	1,103.7815	0.0233	0.0000	1,104.3635
Total	0.5601	3.7370	4.0760	0.0237	1.9555	0.0125	1.9679	0.5264	0.0116	0.5381	0.0000	2,237.2769	2,237.2769	0.1000	0.0000	2,239.7769

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
Category	tons/yr										MT/yr					
Off-Road	0.0408	0.8602	1.0798	1.6300e-003		8.2400e-003	8.2400e-003		8.2400e-003	8.2400e-003	0.0000	139.9492	139.9492	0.0319	0.0000	140.7478
Total	0.0408	0.8602	1.0798	1.6300e-003		8.2400e-003	8.2400e-003		8.2400e-003	8.2400e-003	0.0000	139.9492	139.9492	0.0319	0.0000	140.7478

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3.6 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0919	3.4551	1.0294	0.0115	0.3005	3.6600e-003	0.3041	0.0868	3.5000e-003	0.0903	0.0000	1,133.4954	1,133.4954	0.0767	0.0000	1,135.4134
Worker	0.4682	0.2819	3.0465	0.0122	1.6550	8.8300e-003	1.6638	0.4397	8.1200e-003	0.4478	0.0000	1,103.7815	1,103.7815	0.0233	0.0000	1,104.3635
Total	0.5601	3.7370	4.0760	0.0237	1.9555	0.0125	1.9679	0.5264	0.0116	0.5381	0.0000	2,237.2769	2,237.2769	0.1000	0.0000	2,239.7769

3.6 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.3877	0.5036	8.4000e-004		0.0164	0.0164		0.0155	0.0155	0.0000	72.1278	72.1278	0.0165	0.0000	72.5393
Total	0.0428	0.3877	0.5036	8.4000e-004		0.0164	0.0164		0.0155	0.0155	0.0000	72.1278	72.1278	0.0165	0.0000	72.5393

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3.6 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0465	1.7595	0.5265	5.8900e-003	0.1549	1.8400e-003	0.1567	0.0447	1.7600e-003	0.0465	0.0000	581.5779	581.5779	0.0393	0.0000	582.5594
Worker	0.2284	0.1364	1.4882	6.1100e-003	0.8530	4.2200e-003	0.8572	0.2266	3.8800e-003	0.2305	0.0000	553.1950	553.1950	0.0113	0.0000	553.4781
Total	0.2750	1.8959	2.0147	0.0120	1.0078	6.0600e-003	1.0139	0.2713	5.6400e-003	0.2770	0.0000	1,134.7729	1,134.7729	0.0506	0.0000	1,136.0375

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0210	0.4433	0.5565	8.4000e-004		4.2500e-003	4.2500e-003		4.2500e-003	4.2500e-003	0.0000	72.1277	72.1277	0.0165	0.0000	72.5392
Total	0.0210	0.4433	0.5565	8.4000e-004		4.2500e-003	4.2500e-003		4.2500e-003	4.2500e-003	0.0000	72.1277	72.1277	0.0165	0.0000	72.5392

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3.6 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0465	1.7595	0.5265	5.8900e-003	0.1549	1.8400e-003	0.1567	0.0447	1.7600e-003	0.0465	0.0000	581.5779	581.5779	0.0393	0.0000	582.5594
Worker	0.2284	0.1364	1.4882	6.1100e-003	0.8530	4.2200e-003	0.8572	0.2266	3.8800e-003	0.2305	0.0000	553.1950	553.1950	0.0113	0.0000	553.4781
Total	0.2750	1.8959	2.0147	0.0120	1.0078	6.0600e-003	1.0139	0.2713	5.6400e-003	0.2770	0.0000	1,134.7729	1,134.7729	0.0506	0.0000	1,136.0375

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	0.5631					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3200e-003	0.0494	0.0733	1.2000e-004		2.4700e-003	2.4700e-003		2.4700e-003	2.4700e-003	0.0000	10.3407	10.3407	5.8000e-004	0.0000	10.3552
Total	0.5704	0.0494	0.0733	1.2000e-004		2.4700e-003	2.4700e-003		2.4700e-003	2.4700e-003	0.0000	10.3407	10.3407	5.8000e-004	0.0000	10.3552

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3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0694	0.0467	0.4829	1.7500e-003	0.2060	1.3200e-003	0.2074	0.0547	1.2100e-003	0.0560	0.0000	158.6254	158.6254	3.8100e-003	0.0000	158.7208
Total	0.0694	0.0467	0.4829	1.7500e-003	0.2060	1.3200e-003	0.2074	0.0547	1.2100e-003	0.0560	0.0000	158.6254	158.6254	3.8100e-003	0.0000	158.7208

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5631					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4100e-003	0.0550	0.0742	1.2000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	10.3407	10.3407	5.8000e-004	0.0000	10.3552
Total	0.5655	0.0550	0.0742	1.2000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	10.3407	10.3407	5.8000e-004	0.0000	10.3552

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3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0694	0.0467	0.4829	1.7500e-003	0.2060	1.3200e-003	0.2074	0.0547	1.2100e-003	0.0560	0.0000	158.6254	158.6254	3.8100e-003	0.0000	158.7208
Total	0.0694	0.0467	0.4829	1.7500e-003	0.2060	1.3200e-003	0.2074	0.0547	1.2100e-003	0.0560	0.0000	158.6254	158.6254	3.8100e-003	0.0000	158.7208

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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9183	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1070	0.0694	0.7266	2.7100e-003	0.3319	2.0900e-003	0.3340	0.0882	1.9200e-003	0.0901	0.0000	245.2258	245.2258	5.6700e-003	0.0000	245.3676
Total	0.1070	0.0694	0.7266	2.7100e-003	0.3319	2.0900e-003	0.3340	0.0882	1.9200e-003	0.0901	0.0000	245.2258	245.2258	5.6700e-003	0.0000	245.3676

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9110	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1070	0.0694	0.7266	2.7100e-003	0.3319	2.0900e-003	0.3340	0.0882	1.9200e-003	0.0901	0.0000	245.2258	245.2258	5.6700e-003	0.0000	245.3676
Total	0.1070	0.0694	0.7266	2.7100e-003	0.3319	2.0900e-003	0.3340	0.0882	1.9200e-003	0.0901	0.0000	245.2258	245.2258	5.6700e-003	0.0000	245.3676

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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9183	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1028	0.0646	0.6831	2.6100e-003	0.3319	2.0200e-003	0.3340	0.0882	1.8600e-003	0.0901	0.0000	236.2433	236.2433	5.2900e-003	0.0000	236.3755
Total	0.1028	0.0646	0.6831	2.6100e-003	0.3319	2.0200e-003	0.3340	0.0882	1.8600e-003	0.0901	0.0000	236.2433	236.2433	5.2900e-003	0.0000	236.3755

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9110	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1028	0.0646	0.6831	2.6100e-003	0.3319	2.0200e-003	0.3340	0.0882	1.8600e-003	0.0901	0.0000	236.2433	236.2433	5.2900e-003	0.0000	236.3755
Total	0.1028	0.0646	0.6831	2.6100e-003	0.3319	2.0200e-003	0.3340	0.0882	1.8600e-003	0.0901	0.0000	236.2433	236.2433	5.2900e-003	0.0000	236.3755

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9183	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0985	0.0603	0.6446	2.5200e-003	0.3319	1.9100e-003	0.3339	0.0882	1.7600e-003	0.0900	0.0000	228.3300	228.3300	4.9500e-003	0.0000	228.4538
Total	0.0985	0.0603	0.6446	2.5200e-003	0.3319	1.9100e-003	0.3339	0.0882	1.7600e-003	0.0900	0.0000	228.3300	228.3300	4.9500e-003	0.0000	228.4538

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9110	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0985	0.0603	0.6446	2.5200e-003	0.3319	1.9100e-003	0.3339	0.0882	1.7600e-003	0.0900	0.0000	228.3300	228.3300	4.9500e-003	0.0000	228.4538
Total	0.0985	0.0603	0.6446	2.5200e-003	0.3319	1.9100e-003	0.3339	0.0882	1.7600e-003	0.0900	0.0000	228.3300	228.3300	4.9500e-003	0.0000	228.4538

3.7 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9037					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0111	0.0745	0.1176	1.9000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	16.5962	16.5962	9.1000e-004	0.0000	16.6188
Total	0.9148	0.0745	0.1176	1.9000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	16.5962	16.5962	9.1000e-004	0.0000	16.6188

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3.7 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564
Total	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9037					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0882	0.1191	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.5961	16.5961	9.1000e-004	0.0000	16.6188
Total	0.9076	0.0882	0.1191	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.5961	16.5961	9.1000e-004	0.0000	16.6188

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3.7 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564
Total	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564

3.7 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4658					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7200e-003	0.0384	0.0606	1.0000e-004		1.7300e-003	1.7300e-003		1.7300e-003	1.7300e-003	0.0000	8.5534	8.5534	4.7000e-004	0.0000	8.5651
Total	0.4715	0.0384	0.0606	1.0000e-004		1.7300e-003	1.7300e-003		1.7300e-003	1.7300e-003	0.0000	8.5534	8.5534	4.7000e-004	0.0000	8.5651

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3.7 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0456	0.0273	0.2974	1.2200e-003	0.1704	8.4000e-004	0.1713	0.0453	7.8000e-004	0.0461	0.0000	110.5306	110.5306	2.2600e-003	0.0000	110.5872
Total	0.0456	0.0273	0.2974	1.2200e-003	0.1704	8.4000e-004	0.1713	0.0453	7.8000e-004	0.0461	0.0000	110.5306	110.5306	2.2600e-003	0.0000	110.5872

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4658					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9900e-003	0.0455	0.0614	1.0000e-004		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	8.5534	8.5534	4.7000e-004	0.0000	8.5651
Total	0.4677	0.0455	0.0614	1.0000e-004		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	8.5534	8.5534	4.7000e-004	0.0000	8.5651

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3.7 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0456	0.0273	0.2974	1.2200e-003	0.1704	8.4000e-004	0.1713	0.0453	7.8000e-004	0.0461	0.0000	110.5306	110.5306	2.2600e-003	0.0000	110.5872
Total	0.0456	0.0273	0.2974	1.2200e-003	0.1704	8.4000e-004	0.1713	0.0453	7.8000e-004	0.0461	0.0000	110.5306	110.5306	2.2600e-003	0.0000	110.5872

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771
Unmitigated	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012
Total	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012

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
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.00	18.00	40.00	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Other Asphalt Surfaces	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

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	509.7239	509.7239	0.0203	3.8000e-003	511.3625
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	585.3312	585.3312	0.0233	4.3600e-003	587.2129
NaturalGas Mitigated	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509
NaturalGas Unmitigated	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509

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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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.26122e+006	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509
Total		0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.26122e+006	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509
Total		0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.20597e+006	585.3312	0.0233	4.3600e-003	587.2129
Total		585.3312	0.0233	4.3600e-003	587.2129

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.79185e+006	509.7239	0.0203	3.8000e-003	511.3625
Total		509.7239	0.0203	3.8000e-003	511.3625

6.0 Area Detail

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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	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812
Unmitigated	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812

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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	0.4654					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0315	0.2693	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	311.9093	311.9093	5.9800e-003	5.7200e-003	313.7629
Landscaping	0.0878	0.0338	2.9330	1.6000e-004		0.0163	0.0163		0.0163	0.0163	0.0000	4.8039	4.8039	4.5800e-003	0.0000	4.9183
Total	3.4652	0.3031	3.0476	1.8800e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4654					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0315	0.2693	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	311.9093	311.9093	5.9800e-003	5.7200e-003	313.7629
Landscaping	0.0878	0.0338	2.9330	1.6000e-004		0.0163	0.0163		0.0163	0.0163	0.0000	4.8039	4.8039	4.5800e-003	0.0000	4.9183
Total	3.4652	0.3031	3.0476	1.8800e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812

7.0 Water Detail

7.1 Mitigation Measures Water

- Apply Water Conservation Strategy
- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	126.8529	0.8454	0.0207	154.1682
Unmitigated	141.1855	0.8460	0.0208	168.5469

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 19.0637	38.6691	1.5400e-003	2.9000e-004	38.7934
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25.801 / 16.2658	102.5164	0.8445	0.0206	129.7535
Total		141.1855	0.8460	0.0208	168.5469

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 15.251	30.9353	1.2300e-003	2.3000e-004	31.0347
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25.801 / 13.0127	95.9176	0.8442	0.0205	123.1335
Total		126.8529	0.8454	0.0207	154.1683

8.0 Waste Detail**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	70.9316	4.1919	0.0000	175.7301
Unmitigated	94.5755	5.5893	0.0000	234.3069

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.38	0.2801	0.0166	0.0000	0.6940
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	464.53	94.2954	5.5727	0.0000	233.6128
Total		94.5755	5.5893	0.0000	234.3068

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.035	0.2101	0.0124	0.0000	0.5205
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	348.397	70.7215	4.1795	0.0000	175.2096
Total		70.9316	4.1919	0.0000	175.7301

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

Ocean Breeze Ranch 2030 Operations (Revised 2024 2.5MCY) - San Diego County, Annual

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San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	32.00	Acre	32.00	1,393,920.00	0
City Park	16.00	Acre	16.00	696,960.00	0
Single Family Housing	396.00	Dwelling Unit	264.00	712,800.00	1133

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	402.51	CH4 Intensity (lb/MW hr)	0.016	N2O Intensity (lb/MW hr)	0.003

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - rps for fully operational year 2030 50% RPS

Land Use - Proposed project... Project Engineer estimated 32 acres of paving

Construction Phase - Project Construction Durations Modified for 3 years later than approved Project

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - Construction Equipment

Off-road Equipment - construction equipment

Off-road Equipment - construction equipment

Trips and VMT - Project soil export and import hauling length would be from moving material onsite. Updated to reflect 2.5M CY

Demolition -

Grading - 945000 cf onsite earthwork haulage... 1,500' only though 0.5 mile was assumed. 312 ac with multiple passes

Architectural Coating - rule 67 paint

Vehicle Trips - per TS 396 units to generate 3,990 trips 10.08 trips per average unit. Parks would be primarily for project usage and would not generate trips per TS

Woodstoves - PDF - All fireplaces are Natural Gas

Area Coating - rule 67 paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Tier 3 with DPF

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix -

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Parking	250	100
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	100
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	400.00	15.00
tblConstructionPhase	NumDays	240.00	90.00

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tblConstructionPhase	NumDays	620.00	285.00
tblConstructionPhase	NumDays	440.00	40.00
tblConstructionPhase	NumDays	6,200.00	1,488.00
tblConstructionPhase	NumDays	440.00	1,339.00
tblFireplaces	NumberGas	217.80	396.00
tblFireplaces	NumberNoFireplace	39.60	0.00
tblFireplaces	NumberWood	138.60	0.00
tblGrading	AcresOfGrading	1,567.50	1,550.00
tblGrading	AcresOfGrading	0.00	1,550.00
tblGrading	MaterialExported	0.00	551,587.00
tblGrading	MaterialExported	0.00	198,413.00
tblGrading	MaterialImported	0.00	551,587.00
tblGrading	MaterialImported	0.00	198,413.00
tblLandUse	LotAcreage	128.57	264.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	UsageHours	6.00	3.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	5.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	3.00
tblOffRoadEquipment	UsageHours	8.00	4.00

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tblProjectCharacteristics	CH4IntensityFactor	0.029	0.016
tblProjectCharacteristics	CO2IntensityFactor	720.49	402.51
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblVehicleTrips	HO_TTP	39.60	40.00
tblVehicleTrips	HS_TTP	18.80	18.00
tblVehicleTrips	HW_TTP	41.60	42.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	10.08
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	10.08
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	10.08
tblWoodstoves	NumberCatalytic	19.80	0.00
tblWoodstoves	NumberNoncatalytic	19.80	0.00

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.5706	8.8792	4.6705	0.0156	3.6719	0.1999	3.8718	1.2243	0.1842	1.4084	0.0000	1,441.8846	1,441.8846	0.3451	0.0000	1,450.5109
2026	0.8378	9.8694	6.6704	0.0223	2.9043	0.2452	3.1495	1.0758	0.2260	1.3018	0.0000	2,044.6654	2,044.6654	0.4335	0.0000	2,055.5039
2027	1.2976	4.6488	5.7179	0.0275	2.1677	0.0486	2.2163	0.5829	0.0457	0.6286	0.0000	2,577.4173	2,577.4173	0.1382	0.0000	2,580.8729
2028	1.6516	4.6200	5.7793	0.0280	2.2861	0.0495	2.3356	0.6143	0.0466	0.6609	0.0000	2,614.3625	2,614.3625	0.1375	0.0000	2,617.8000
2029	1.6262	4.5756	5.6021	0.0276	2.2949	0.0488	2.3437	0.6167	0.0460	0.6627	0.0000	2,582.7014	2,582.7014	0.1359	0.0000	2,586.0991
2030	1.5848	4.2319	5.4203	0.0274	2.2949	0.0230	2.3179	0.6167	0.0221	0.6387	0.0000	2,564.4543	2,564.4543	0.1080	0.0000	2,567.1548
2031	1.5485	4.1829	5.2441	0.0271	2.2949	0.0223	2.3172	0.6167	0.0214	0.6381	0.0000	2,532.8206	2,532.8206	0.1062	0.0000	2,535.4767
2032	0.7844	2.1416	2.6348	0.0138	1.1870	0.0112	1.1982	0.3190	0.0108	0.3297	0.0000	1,296.1147	1,296.1147	0.0542	0.0000	1,297.4697
Maximum	1.6516	9.8694	6.6704	0.0280	3.6719	0.2452	3.8718	1.2243	0.2260	1.4084	0.0000	2,614.3625	2,614.3625	0.4335	0.0000	2,617.8000

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.3130	8.7055	6.3552	0.0156	3.6719	0.0323	3.7042	1.2243	0.0323	1.2565	0.0000	1,441.8836	1,441.8836	0.3451	0.0000	1,450.5099
2026	0.5366	10.0933	8.9579	0.0223	2.9043	0.0441	2.9484	1.0758	0.0438	1.1196	0.0000	2,044.6641	2,044.6641	0.4335	0.0000	2,055.5026
2027	1.2506	4.7656	5.8219	0.0275	2.1677	0.0234	2.1911	0.5829	0.0223	0.6052	0.0000	2,577.4171	2,577.4171	0.1382	0.0000	2,580.8727
2028	1.6020	4.7417	5.8836	0.0280	2.2861	0.0234	2.3095	0.6143	0.0224	0.6367	0.0000	2,614.3623	2,614.3623	0.1375	0.0000	2,617.7998
2029	1.5764	4.6978	5.7068	0.0276	2.2949	0.0227	2.3176	0.6167	0.0217	0.6384	0.0000	2,582.7012	2,582.7012	0.1359	0.0000	2,586.0989
2030	1.5420	4.6427	5.5207	0.0274	2.2949	0.0219	2.3168	0.6167	0.0210	0.6376	0.0000	2,564.4541	2,564.4541	0.1080	0.0000	2,567.1545
2031	1.5057	4.5937	5.3445	0.0271	2.2949	0.0212	2.3161	0.6167	0.0203	0.6370	0.0000	2,532.8204	2,532.8204	0.1062	0.0000	2,535.4765
2032	0.7623	2.3540	2.6868	0.0138	1.1870	0.0106	1.1976	0.3190	0.0102	0.3292	0.0000	1,296.1146	1,296.1146	0.0542	0.0000	1,297.4696
Maximum	1.6020	10.0933	8.9579	0.0280	3.6719	0.0441	3.7042	1.2243	0.0438	1.2565	0.0000	2,614.3623	2,614.3623	0.4335	0.0000	2,617.7998

	ROG	NOx	CO	SO2	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	8.21	-3.35	-10.87	0.00	0.00	69.23	2.27	0.00	67.81	6.52	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)
16	1-1-2025	3-31-2025	0.2625	0.2405
17	4-1-2025	6-30-2025	2.3163	2.0657

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18	7-1-2025	9-30-2025	3.2929	3.1860
19	10-1-2025	12-31-2025	3.6152	3.5629
20	1-1-2026	3-31-2026	3.5216	3.4705
21	4-1-2026	6-30-2026	3.5922	3.5405
22	7-1-2026	9-30-2026	2.4667	2.4610
23	10-1-2026	12-31-2026	1.1112	1.1430
24	1-1-2027	3-31-2027	1.3007	1.3170
25	4-1-2027	6-30-2027	1.4173	1.4345
26	7-1-2027	9-30-2027	1.5911	1.6093
27	10-1-2027	12-31-2027	1.6236	1.6419
28	1-1-2028	3-31-2028	1.5823	1.6003
29	4-1-2028	6-30-2028	1.5517	1.5697
30	7-1-2028	9-30-2028	1.5687	1.5869
31	10-1-2028	12-31-2028	1.5997	1.6179
32	1-1-2029	3-31-2029	1.5409	1.5587
33	4-1-2029	6-30-2029	1.5290	1.5470
34	7-1-2029	9-30-2029	1.5458	1.5640
35	10-1-2029	12-31-2029	1.5751	1.5933
36	1-1-2030	3-31-2030	1.4449	1.5355
37	4-1-2030	6-30-2030	1.4339	1.5255
38	7-1-2030	9-30-2030	1.4496	1.5423
39	10-1-2030	12-31-2030	1.4770	1.5696
40	1-1-2031	3-31-2031	1.4226	1.5133
41	4-1-2031	6-30-2031	1.4134	1.5050
42	7-1-2031	9-30-2031	1.4289	1.5216
43	10-1-2031	12-31-2031	1.4542	1.5469
44	1-1-2032	3-31-2032	1.4187	1.5104

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45	4-1-2032	6-30-2032	1.3955	1.4871
46	7-1-2032	9-30-2032	0.1073	0.1144
		Highest	3.6152	3.5629

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	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812
Energy	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	1,079.5452	1,079.5452	0.0327	0.0134	1,084.3638
Mobile	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771
Waste						0.0000	0.0000		0.0000	0.0000	94.5755	0.0000	94.5755	5.5893	0.0000	234.3069
Water						0.0000	0.0000		0.0000	0.0000	8.1855	133.0000	141.1855	0.8460	0.0208	168.5469
Total	4.3968	4.5730	14.8033	0.0539	5.5842	0.1041	5.6883	1.4948	0.1019	1.5966	102.7610	6,108.8489	6,211.6099	6.6940	0.0400	6,390.8757

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812
Energy	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	1,003.9379	1,003.9379	0.0297	0.0129	1,008.5134
Mobile	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771
Waste						0.0000	0.0000		0.0000	0.0000	70.9316	0.0000	70.9316	4.1919	0.0000	175.7301
Water						0.0000	0.0000		0.0000	0.0000	8.1855	118.6674	126.8529	0.8454	0.0207	154.1682
Total	4.3968	4.5730	14.8033	0.0539	5.5842	0.1041	5.6883	1.4948	0.1019	1.5966	79.1171	6,018.9090	6,098.0261	5.2931	0.0393	6,242.0700

	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	23.01	1.47	1.83	20.93	1.65	2.33

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2025	3/21/2025	5	15	
2	Site Preparation	Site Preparation	3/22/2025	7/25/2025	5	90	
3	Grading	Grading	7/26/2025	8/28/2026	5	285	
4	Paving	Paving	8/29/2026	10/23/2026	5	40	
5	Building Construction	Building Construction	10/24/2026	7/7/2032	5	1488	
6	Architectural Coating	Architectural Coating	5/21/2027	7/7/2032	5	1339	

Acres of Grading (Site Preparation Phase): 1550

Acres of Grading (Grading Phase): 1550

Acres of Paving: 32

Residential Indoor: 1,443,420; Residential Outdoor: 481,140; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 83,635 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Excavators	1	5.00	158	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Bore/Drill Rigs	2	3.00	221	0.50
Grading	Crushing/Proc. Equipment	1	3.00	85	0.78
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	3	8.00	187	0.41
Grading	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	4	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
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
Building Construction	Cranes	1	3.00	231	0.29
Building Construction	Forklifts	3	4.00	89	0.20
Building Construction	Generator Sets	1	4.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	3.00	97	0.37
Building Construction	Welders	1	4.00	46	0.45
Architectural Coating	Air Compressors	1	3.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	1	3.00	0.00	68.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	49,603.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Grading	19	48.00	0.00	137,897.00	16.80	6.60	0.50	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,021.00	385.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	204.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

3.2 Demolition - 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					
Fugitive Dust					7.4700e-003	0.0000	7.4700e-003	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8000e-004	5.7300e-003	0.0153	2.0000e-005		2.8000e-004	2.8000e-004		2.6000e-004	2.6000e-004	0.0000	2.1277	2.1277	6.9000e-004	0.0000	2.1449
Total	7.8000e-004	5.7300e-003	0.0153	2.0000e-005	7.4700e-003	2.8000e-004	7.7500e-003	1.1300e-003	2.6000e-004	1.3900e-003	0.0000	2.1277	2.1277	6.9000e-004	0.0000	2.1449

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3.2 Demolition - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.7000e-004	5.3000e-003	2.0800e-003	2.0000e-005	5.8000e-004	1.0000e-005	5.9000e-004	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	2.4355	2.4355	2.2000e-004	0.0000	2.4411
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.1000e-004	0.0000	2.8000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.2073	0.2073	0.0000	0.0000	0.2074
Total	2.6000e-004	5.3600e-003	2.6900e-003	2.0000e-005	8.6000e-004	1.0000e-005	8.7000e-004	2.3000e-004	1.0000e-005	2.5000e-004	0.0000	2.6428	2.6428	2.2000e-004	0.0000	2.6485

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.4700e-003	0.0000	7.4700e-003	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-004	0.0115	0.0184	2.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	2.1277	2.1277	6.9000e-004	0.0000	2.1449
Total	6.0000e-004	0.0115	0.0184	2.0000e-005	7.4700e-003	8.0000e-005	7.5500e-003	1.1300e-003	8.0000e-005	1.2100e-003	0.0000	2.1277	2.1277	6.9000e-004	0.0000	2.1449

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3.2 Demolition - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.7000e-004	5.3000e-003	2.0800e-003	2.0000e-005	5.8000e-004	1.0000e-005	5.9000e-004	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	2.4355	2.4355	2.2000e-004	0.0000	2.4411
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.1000e-004	0.0000	2.8000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.2073	0.2073	0.0000	0.0000	0.2074
Total	2.6000e-004	5.3600e-003	2.6900e-003	2.0000e-005	8.6000e-004	1.0000e-005	8.7000e-004	2.3000e-004	1.0000e-005	2.5000e-004	0.0000	2.6428	2.6428	2.2000e-004	0.0000	2.6485

3.3 Site Preparation - 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					
Fugitive Dust					1.6628	0.0000	1.6628	0.5399	0.0000	0.5399	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1113	1.1355	0.8060	1.7100e-003		0.0489	0.0489		0.0450	0.0450	0.0000	150.6014	150.6014	0.0487	0.0000	151.8191
Total	0.1113	1.1355	0.8060	1.7100e-003	1.6628	0.0489	1.7117	0.5399	0.0450	0.5848	0.0000	150.6014	150.6014	0.0487	0.0000	151.8191

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3.3 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0293	1.9054	0.3082	2.6400e-003	0.0111	7.1000e-004	0.0118	3.1000e-003	6.7000e-004	3.7700e-003	0.0000	264.4979	264.4979	0.0344	0.0000	265.3584
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.1100e-003	0.0221	8.0000e-005	0.0101	6.0000e-005	0.0102	2.6800e-003	6.0000e-005	2.7400e-003	0.0000	7.4612	7.4612	1.7000e-004	0.0000	7.4656
Total	0.0325	1.9075	0.3303	2.7200e-003	0.0212	7.7000e-004	0.0220	5.7800e-003	7.3000e-004	6.5100e-003	0.0000	271.9591	271.9591	0.0346	0.0000	272.8239

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6628	0.0000	1.6628	0.5399	0.0000	0.5399	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0419	0.8580	1.0332	1.7100e-003		6.3900e-003	6.3900e-003		6.3900e-003	6.3900e-003	0.0000	150.6013	150.6013	0.0487	0.0000	151.8190
Total	0.0419	0.8580	1.0332	1.7100e-003	1.6628	6.3900e-003	1.6691	0.5399	6.3900e-003	0.5462	0.0000	150.6013	150.6013	0.0487	0.0000	151.8190

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3.3 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0293	1.9054	0.3082	2.6400e-003	0.0111	7.1000e-004	0.0118	3.1000e-003	6.7000e-004	3.7700e-003	0.0000	264.4979	264.4979	0.0344	0.0000	265.3584
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.1100e-003	0.0221	8.0000e-005	0.0101	6.0000e-005	0.0102	2.6800e-003	6.0000e-005	2.7400e-003	0.0000	7.4612	7.4612	1.7000e-004	0.0000	7.4656
Total	0.0325	1.9075	0.3303	2.7200e-003	0.0212	7.7000e-004	0.0220	5.7800e-003	7.3000e-004	6.5100e-003	0.0000	271.9591	271.9591	0.0346	0.0000	272.8239

3.4 Grading - 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					
Fugitive Dust					1.9201	0.0000	1.9201	0.6616	0.0000	0.6616	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3825	3.7178	3.1025	7.9500e-003		0.1490	0.1490		0.1373	0.1373	0.0000	698.0293	698.0293	0.2223	0.0000	703.5873
Total	0.3825	3.7178	3.1025	7.9500e-003	1.9201	0.1490	2.0691	0.6616	0.1373	0.7988	0.0000	698.0293	698.0293	0.2223	0.0000	703.5873

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3.4 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0323	2.1002	0.3397	2.9100e-003	0.0256	7.8000e-004	0.0264	6.7000e-003	7.4000e-004	7.4400e-003	0.0000	291.5431	291.5431	0.0379	0.0000	292.4915
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0109	7.0600e-003	0.0740	2.8000e-004	0.0338	2.1000e-004	0.0340	8.9800e-003	2.0000e-004	9.1800e-003	0.0000	24.9813	24.9813	5.8000e-004	0.0000	24.9958
Total	0.0432	2.1073	0.4137	3.1900e-003	0.0595	9.9000e-004	0.0604	0.0157	9.4000e-004	0.0166	0.0000	316.5244	316.5244	0.0385	0.0000	317.4872

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.9201	0.0000	1.9201	0.6616	0.0000	0.6616	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1945	3.8159	4.5570	7.9500e-003		0.0241	0.0241		0.0241	0.0241	0.0000	698.0284	698.0284	0.2223	0.0000	703.5865
Total	0.1945	3.8159	4.5570	7.9500e-003	1.9201	0.0241	1.9442	0.6616	0.0241	0.6857	0.0000	698.0284	698.0284	0.2223	0.0000	703.5865

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3.4 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0323	2.1002	0.3397	2.9100e-003	0.0256	7.8000e-004	0.0264	6.7000e-003	7.4000e-004	7.4400e-003	0.0000	291.5431	291.5431	0.0379	0.0000	292.4915
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0109	7.0600e-003	0.0740	2.8000e-004	0.0338	2.1000e-004	0.0340	8.9800e-003	2.0000e-004	9.1800e-003	0.0000	24.9813	24.9813	5.8000e-004	0.0000	24.9958
Total	0.0432	2.1073	0.4137	3.1900e-003	0.0595	9.9000e-004	0.0604	0.0157	9.4000e-004	0.0166	0.0000	316.5244	316.5244	0.0385	0.0000	317.4872

3.4 Grading - 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					
Fugitive Dust					2.4531	0.0000	2.4531	0.9545	0.0000	0.9545	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5823	5.6590	4.7224	0.0121		0.2268	0.2268		0.2089	0.2089	0.0000	1,062.4870	1,062.4870	0.3384	0.0000	1,070.9471
Total	0.5823	5.6590	4.7224	0.0121	2.4531	0.2268	2.6799	0.9545	0.2089	1.1634	0.0000	1,062.4870	1,062.4870	0.3384	0.0000	1,070.9471

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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	0.0480	3.1580	0.5188	4.3700e-003	0.0275	1.0600e-003	0.0285	7.3600e-003	1.0200e-003	8.3700e-003	0.0000	438.7410	438.7410	0.0556	0.0000	440.1303
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0159	0.0100	0.1059	4.0000e-004	0.0515	3.1000e-004	0.0518	0.0137	2.9000e-004	0.0140	0.0000	36.6318	36.6318	8.2000e-004	0.0000	36.6523
Total	0.0639	3.1680	0.6247	4.7700e-003	0.0789	1.3700e-003	0.0803	0.0210	1.3100e-003	0.0223	0.0000	475.3728	475.3728	0.0564	0.0000	476.7826

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.4531	0.0000	2.4531	0.9545	0.0000	0.9545	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2961	5.8082	6.9363	0.0121		0.0367	0.0367		0.0367	0.0367	0.0000	1,062.4858	1,062.4858	0.3384	0.0000	1,070.9458
Total	0.2961	5.8082	6.9363	0.0121	2.4531	0.0367	2.4898	0.9545	0.0367	0.9912	0.0000	1,062.4858	1,062.4858	0.3384	0.0000	1,070.9458

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3.4 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0480	3.1580	0.5188	4.3700e-003	0.0275	1.0600e-003	0.0285	7.3600e-003	1.0200e-003	8.3700e-003	0.0000	438.7410	438.7410	0.0556	0.0000	440.1303
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0159	0.0100	0.1059	4.0000e-004	0.0515	3.1000e-004	0.0518	0.0137	2.9000e-004	0.0140	0.0000	36.6318	36.6318	8.2000e-004	0.0000	36.6523
Total	0.0639	3.1680	0.6247	4.7700e-003	0.0789	1.3700e-003	0.0803	0.0210	1.3100e-003	0.0223	0.0000	475.3728	475.3728	0.0564	0.0000	476.7826

3.5 Paving - 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					
Off-Road	0.0183	0.1716	0.2916	4.6000e-004		8.3700e-003	8.3700e-003		7.7000e-003	7.7000e-003	0.0000	40.0385	40.0385	0.0130	0.0000	40.3622
Paving	0.0419					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0602	0.1716	0.2916	4.6000e-004		8.3700e-003	8.3700e-003		7.7000e-003	7.7000e-003	0.0000	40.0385	40.0385	0.0130	0.0000	40.3622

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3.5 Paving - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	7.3000e-004	7.7000e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7600e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.6622	2.6622	6.0000e-005	0.0000	2.6637
Total	1.1600e-003	7.3000e-004	7.7000e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7600e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.6622	2.6622	6.0000e-005	0.0000	2.6637

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0112	0.2259	0.3459	4.6000e-004		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003	0.0000	40.0385	40.0385	0.0130	0.0000	40.3622
Paving	0.0419					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0531	0.2259	0.3459	4.6000e-004		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003	0.0000	40.0385	40.0385	0.0130	0.0000	40.3622

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3.5 Paving - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1600e-003	7.3000e-004	7.7000e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7600e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.6622	2.6622	6.0000e-005	0.0000	2.6637
Total	1.1600e-003	7.3000e-004	7.7000e-003	3.0000e-005	3.7400e-003	2.0000e-005	3.7600e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.6622	2.6622	6.0000e-005	0.0000	2.6637

3.6 Building Construction - 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					
Off-Road	0.0157	0.1418	0.1841	3.1000e-004		6.0100e-003	6.0100e-003		5.6600e-003	5.6600e-003	0.0000	26.3751	26.3751	6.0200e-003	0.0000	26.5256
Total	0.0157	0.1418	0.1841	3.1000e-004		6.0100e-003	6.0100e-003		5.6600e-003	5.6600e-003	0.0000	26.3751	26.3751	6.0200e-003	0.0000	26.5256

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3.6 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0181	0.6677	0.1979	2.1900e-003	0.0566	7.2000e-004	0.0574	0.0164	6.9000e-004	0.0170	0.0000	215.7515	215.7515	0.0148	0.0000	216.1202
Worker	0.0966	0.0607	0.6419	2.4500e-003	0.3119	1.9000e-003	0.3138	0.0829	1.7500e-003	0.0846	0.0000	221.9783	221.9783	4.9700e-003	0.0000	222.1026
Total	0.1146	0.7284	0.8398	4.6400e-003	0.3685	2.6200e-003	0.3712	0.0992	2.4400e-003	0.1017	0.0000	437.7298	437.7298	0.0197	0.0000	438.2228

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.6900e-003	0.1621	0.2035	3.1000e-004		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	26.3750	26.3750	6.0200e-003	0.0000	26.5255
Total	7.6900e-003	0.1621	0.2035	3.1000e-004		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	26.3750	26.3750	6.0200e-003	0.0000	26.5255

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3.6 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0181	0.6677	0.1979	2.1900e-003	0.0566	7.2000e-004	0.0574	0.0164	6.9000e-004	0.0170	0.0000	215.7515	215.7515	0.0148	0.0000	216.1202
Worker	0.0966	0.0607	0.6419	2.4500e-003	0.3119	1.9000e-003	0.3138	0.0829	1.7500e-003	0.0846	0.0000	221.9783	221.9783	4.9700e-003	0.0000	222.1026
Total	0.1146	0.7284	0.8398	4.6400e-003	0.3685	2.6200e-003	0.3712	0.0992	2.4400e-003	0.1017	0.0000	437.7298	437.7298	0.0197	0.0000	438.2228

3.6 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893
Total	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893

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3.6 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0940	3.5086	1.0406	0.0116	0.3016	3.7600e-003	0.3054	0.0871	3.5900e-003	0.0907	0.0000	1,143.0366	1,143.0366	0.0778	0.0000	1,144.9804
Worker	0.4929	0.3018	3.2260	0.0126	1.6614	9.5800e-003	1.6709	0.4414	8.8100e-003	0.4502	0.0000	1,142.7690	1,142.7690	0.0248	0.0000	1,143.3887
Total	0.5869	3.8104	4.2666	0.0242	1.9630	0.0133	1.9763	0.5285	0.0124	0.5409	0.0000	2,285.8056	2,285.8056	0.1025	0.0000	2,288.3691

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891
Total	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891

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3.6 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0940	3.5086	1.0406	0.0116	0.3016	3.7600e-003	0.3054	0.0871	3.5900e-003	0.0907	0.0000	1,143.0366	1,143.0366	0.0778	0.0000	1,144.9804
Worker	0.4929	0.3018	3.2260	0.0126	1.6614	9.5800e-003	1.6709	0.4414	8.8100e-003	0.4502	0.0000	1,142.7690	1,142.7690	0.0248	0.0000	1,143.3887
Total	0.5869	3.8104	4.2666	0.0242	1.9630	0.0133	1.9763	0.5285	0.0124	0.5409	0.0000	2,285.8056	2,285.8056	0.1025	0.0000	2,288.3691

3.6 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0831	0.7523	0.9771	1.6300e-003		0.0319	0.0319		0.0300	0.0300	0.0000	139.9494	139.9494	0.0319	0.0000	140.7480
Total	0.0831	0.7523	0.9771	1.6300e-003		0.0319	0.0319		0.0300	0.0300	0.0000	139.9494	139.9494	0.0319	0.0000	140.7480

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3.6 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0919	3.4551	1.0294	0.0115	0.3005	3.6600e-003	0.3041	0.0868	3.5000e-003	0.0903	0.0000	1,133.4954	1,133.4954	0.0767	0.0000	1,135.4134
Worker	0.4682	0.2819	3.0465	0.0122	1.6550	8.8300e-003	1.6638	0.4397	8.1200e-003	0.4478	0.0000	1,103.7815	1,103.7815	0.0233	0.0000	1,104.3635
Total	0.5601	3.7370	4.0760	0.0237	1.9555	0.0125	1.9679	0.5264	0.0116	0.5381	0.0000	2,237.2769	2,237.2769	0.1000	0.0000	2,239.7769

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
Category	tons/yr										MT/yr					
Off-Road	0.0408	0.8602	1.0798	1.6300e-003		8.2400e-003	8.2400e-003		8.2400e-003	8.2400e-003	0.0000	139.9492	139.9492	0.0319	0.0000	140.7478
Total	0.0408	0.8602	1.0798	1.6300e-003		8.2400e-003	8.2400e-003		8.2400e-003	8.2400e-003	0.0000	139.9492	139.9492	0.0319	0.0000	140.7478

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3.6 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0919	3.4551	1.0294	0.0115	0.3005	3.6600e-003	0.3041	0.0868	3.5000e-003	0.0903	0.0000	1,133.4954	1,133.4954	0.0767	0.0000	1,135.4134
Worker	0.4682	0.2819	3.0465	0.0122	1.6550	8.8300e-003	1.6638	0.4397	8.1200e-003	0.4478	0.0000	1,103.7815	1,103.7815	0.0233	0.0000	1,104.3635
Total	0.5601	3.7370	4.0760	0.0237	1.9555	0.0125	1.9679	0.5264	0.0116	0.5381	0.0000	2,237.2769	2,237.2769	0.1000	0.0000	2,239.7769

3.6 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893
Total	0.0834	0.7551	0.9808	1.6400e-003		0.0320	0.0320		0.0302	0.0302	0.0000	140.4876	140.4876	0.0321	0.0000	141.2893

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3.6 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0906	3.4271	1.0254	0.0115	0.3016	3.5800e-003	0.3052	0.0871	3.4300e-003	0.0905	0.0000	1,132.7748	1,132.7748	0.0765	0.0000	1,134.6866
Worker	0.4449	0.2656	2.8987	0.0119	1.6614	8.2200e-003	1.6696	0.4414	7.5600e-003	0.4489	0.0000	1,077.4917	1,077.4917	0.0221	0.0000	1,078.0431
Total	0.5356	3.6927	3.9241	0.0234	1.9630	0.0118	1.9748	0.5285	0.0110	0.5395	0.0000	2,210.2665	2,210.2665	0.0985	0.0000	2,212.7297

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891
Total	0.0410	0.8635	1.0839	1.6400e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	140.4875	140.4875	0.0321	0.0000	141.2891

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3.6 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0906	3.4271	1.0254	0.0115	0.3016	3.5800e-003	0.3052	0.0871	3.4300e-003	0.0905	0.0000	1,132.7748	1,132.7748	0.0765	0.0000	1,134.6886
Worker	0.4449	0.2656	2.8987	0.0119	1.6614	8.2200e-003	1.6696	0.4414	7.5600e-003	0.4489	0.0000	1,077.4917	1,077.4917	0.0221	0.0000	1,078.0431
Total	0.5356	3.6927	3.9241	0.0234	1.9630	0.0118	1.9748	0.5285	0.0110	0.5395	0.0000	2,210.2665	2,210.2665	0.0985	0.0000	2,212.7297

3.6 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0791	0.4854	0.9858	1.8700e-003		8.9700e-003	8.9700e-003		8.9700e-003	8.9700e-003	0.0000	158.5635	158.5635	6.3700e-003	0.0000	158.7227
Total	0.0791	0.4854	0.9858	1.8700e-003		8.9700e-003	8.9700e-003		8.9700e-003	8.9700e-003	0.0000	158.5635	158.5635	6.3700e-003	0.0000	158.7227

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3.6 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0894	3.3921	1.0211	0.0114	0.3016	3.5100e-003	0.3051	0.0871	3.3500e-003	0.0905	0.0000	1,128.6562	1,128.6562	0.0760	0.0000	1,130.5562
Worker	0.4173	0.2488	2.7472	0.0116	1.6614	7.6300e-003	1.6690	0.4414	7.0200e-003	0.4484	0.0000	1,050.6504	1,050.6504	0.0208	0.0000	1,051.1708
Total	0.5067	3.6409	3.7683	0.0230	1.9630	0.0111	1.9741	0.5285	0.0104	0.5388	0.0000	2,179.3065	2,179.3065	0.0968	0.0000	2,181.7270

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.8635	1.0839	1.8700e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	158.5633	158.5633	6.3700e-003	0.0000	158.7225
Total	0.0410	0.8635	1.0839	1.8700e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	158.5633	158.5633	6.3700e-003	0.0000	158.7225

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3.6 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0894	3.3921	1.0211	0.0114	0.3016	3.5100e-003	0.3051	0.0871	3.3500e-003	0.0905	0.0000	1,128.6562	1,128.6562	0.0760	0.0000	1,130.5562
Worker	0.4173	0.2488	2.7472	0.0116	1.6614	7.6300e-003	1.6690	0.4414	7.0200e-003	0.4484	0.0000	1,050.6504	1,050.6504	0.0208	0.0000	1,051.1708
Total	0.5067	3.6409	3.7683	0.0230	1.9630	0.0111	1.9741	0.5285	0.0104	0.5388	0.0000	2,179.3065	2,179.3065	0.0968	0.0000	2,181.7270

3.6 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0791	0.4854	0.9858	1.8700e-003		8.9700e-003	8.9700e-003		8.9700e-003	8.9700e-003	0.0000	158.5635	158.5635	6.3700e-003	0.0000	158.7227
Total	0.0791	0.4854	0.9858	1.8700e-003		8.9700e-003	8.9700e-003		8.9700e-003	8.9700e-003	0.0000	158.5635	158.5635	6.3700e-003	0.0000	158.7227

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3.6 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0884	3.3619	1.0174	0.0114	0.3016	3.4500e-003	0.3051	0.0871	3.2900e-003	0.0904	0.0000	1,125.1972	1,125.1972	0.0756	0.0000	1,127.0864
Worker	0.3879	0.2332	2.6034	0.0113	1.6614	7.1000e-003	1.6684	0.4414	6.5300e-003	0.4479	0.0000	1,027.1677	1,027.1677	0.0197	0.0000	1,027.6601
Total	0.4762	3.5951	3.6208	0.0227	1.9630	0.0106	1.9735	0.5285	9.8200e-003	0.5383	0.0000	2,152.3648	2,152.3648	0.0953	0.0000	2,154.7465

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	0.8635	1.0839	1.8700e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	158.5633	158.5633	6.3700e-003	0.0000	158.7225
Total	0.0410	0.8635	1.0839	1.8700e-003		8.2700e-003	8.2700e-003		8.2700e-003	8.2700e-003	0.0000	158.5633	158.5633	6.3700e-003	0.0000	158.7225

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3.6 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0884	3.3619	1.0174	0.0114	0.3016	3.4500e-003	0.3051	0.0871	3.2900e-003	0.0904	0.0000	1,125.1972	1,125.1972	0.0756	0.0000	1,127.0864
Worker	0.3879	0.2332	2.6034	0.0113	1.6614	7.1000e-003	1.6684	0.4414	6.5300e-003	0.4479	0.0000	1,027.1677	1,027.1677	0.0197	0.0000	1,027.6601
Total	0.4762	3.5951	3.6208	0.0227	1.9630	0.0106	1.9735	0.5285	9.8200e-003	0.5383	0.0000	2,152.3648	2,152.3648	0.0953	0.0000	2,154.7465

3.6 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0409	0.2511	0.5099	9.7000e-004		4.6400e-003	4.6400e-003		4.6400e-003	4.6400e-003	0.0000	82.0156	82.0156	3.2900e-003	0.0000	82.0980
Total	0.0409	0.2511	0.5099	9.7000e-004		4.6400e-003	4.6400e-003		4.6400e-003	4.6400e-003	0.0000	82.0156	82.0156	3.2900e-003	0.0000	82.0980

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3.6 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0453	1.7250	0.5254	5.8700e-003	0.1560	1.7500e-003	0.1578	0.0451	1.6800e-003	0.0467	0.0000	580.6779	580.6779	0.0389	0.0000	581.6505
Worker	0.1872	0.1139	1.2826	5.7500e-003	0.8593	3.4200e-003	0.8627	0.2283	3.1400e-003	0.2314	0.0000	520.7550	520.7550	9.7100e-003	0.0000	520.9978
Total	0.2325	1.8389	1.8080	0.0116	1.0153	5.1700e-003	1.0205	0.2734	4.8200e-003	0.2782	0.0000	1,101.4329	1,101.4329	0.0486	0.0000	1,102.6483

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0212	0.4466	0.5606	9.7000e-004		4.2800e-003	4.2800e-003		4.2800e-003	4.2800e-003	0.0000	82.0155	82.0155	3.2900e-003	0.0000	82.0979
Total	0.0212	0.4466	0.5606	9.7000e-004		4.2800e-003	4.2800e-003		4.2800e-003	4.2800e-003	0.0000	82.0155	82.0155	3.2900e-003	0.0000	82.0979

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3.6 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0453	1.7250	0.5254	5.8700e-003	0.1560	1.7500e-003	0.1578	0.0451	1.6800e-003	0.0467	0.0000	580.6779	580.6779	0.0389	0.0000	581.6505
Worker	0.1872	0.1139	1.2826	5.7500e-003	0.8593	3.4200e-003	0.8627	0.2283	3.1400e-003	0.2314	0.0000	520.7550	520.7550	9.7100e-003	0.0000	520.9978
Total	0.2325	1.8389	1.8080	0.0116	1.0153	5.1700e-003	1.0205	0.2734	4.8200e-003	0.2782	0.0000	1,101.4329	1,101.4329	0.0486	0.0000	1,102.6483

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5596					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.8800e-003	0.0461	0.0728	1.2000e-004		2.0700e-003	2.0700e-003		2.0700e-003	2.0700e-003	0.0000	10.2769	10.2769	5.6000e-004	0.0000	10.2909
Total	0.5665	0.0461	0.0728	1.2000e-004		2.0700e-003	2.0700e-003		2.0700e-003	2.0700e-003	0.0000	10.2769	10.2769	5.6000e-004	0.0000	10.2909

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3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0372	0.3976	1.5600e-003	0.2048	1.1800e-003	0.2059	0.0544	1.0900e-003	0.0555	0.0000	140.8472	140.8472	3.0600e-003	0.0000	140.9236
Total	0.0608	0.0372	0.3976	1.5600e-003	0.2048	1.1800e-003	0.2059	0.0544	1.0900e-003	0.0555	0.0000	140.8472	140.8472	3.0600e-003	0.0000	140.9236

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5596					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3900e-003	0.0546	0.0738	1.2000e-004		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	10.2768	10.2768	5.6000e-004	0.0000	10.2909
Total	0.5620	0.0546	0.0738	1.2000e-004		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	10.2768	10.2768	5.6000e-004	0.0000	10.2909

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3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0372	0.3976	1.5600e-003	0.2048	1.1800e-003	0.2059	0.0544	1.0900e-003	0.0555	0.0000	140.8472	140.8472	3.0600e-003	0.0000	140.9236
Total	0.0608	0.0372	0.3976	1.5600e-003	0.2048	1.1800e-003	0.2059	0.0544	1.0900e-003	0.0555	0.0000	140.8472	140.8472	3.0600e-003	0.0000	140.9236

3.7 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9037					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0111	0.0745	0.1176	1.9000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	16.5962	16.5962	9.1000e-004	0.0000	16.6188
Total	0.9148	0.0745	0.1176	1.9000e-004		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	16.5962	16.5962	9.1000e-004	0.0000	16.6188

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3.7 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564
Total	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9037					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0882	0.1191	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.5961	16.5961	9.1000e-004	0.0000	16.6188
Total	0.9076	0.0882	0.1191	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.5961	16.5961	9.1000e-004	0.0000	16.6188

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3.7 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564
Total	0.0936	0.0563	0.6087	2.4400e-003	0.3307	1.7600e-003	0.3324	0.0879	1.6200e-003	0.0895	0.0000	220.5401	220.5401	4.6500e-003	0.0000	220.6564

3.7 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9183	0.0747	0.1181	1.9000e-004		3.3600e-003	3.3600e-003		3.3600e-003	3.3600e-003	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0889	0.0531	0.5792	2.3800e-003	0.3319	1.6400e-003	0.3336	0.0882	1.5100e-003	0.0897	0.0000	215.2873	215.2873	4.4100e-003	0.0000	215.3974
Total	0.0889	0.0531	0.5792	2.3800e-003	0.3319	1.6400e-003	0.3336	0.0882	1.5100e-003	0.0897	0.0000	215.2873	215.2873	4.4100e-003	0.0000	215.3974

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827
Total	0.9110	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	9.1000e-004	0.0000	16.6827

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3.7 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0889	0.0531	0.5792	2.3800e-003	0.3319	1.6400e-003	0.3336	0.0882	1.5100e-003	0.0897	0.0000	215.2873	215.2873	4.4100e-003	0.0000	215.3974
Total	0.0889	0.0531	0.5792	2.3800e-003	0.3319	1.6400e-003	0.3336	0.0882	1.5100e-003	0.0897	0.0000	215.2873	215.2873	4.4100e-003	0.0000	215.3974

3.7 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.5300e-003	0.0559	0.1173	1.9000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	16.6600	16.6600	6.7000e-004	0.0000	16.6768
Total	0.9157	0.0559	0.1173	1.9000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	16.6600	16.6600	6.7000e-004	0.0000	16.6768

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3.7 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0834	0.0497	0.5489	2.3200e-003	0.3319	1.5200e-003	0.3335	0.0882	1.4000e-003	0.0896	0.0000	209.9243	209.9243	4.1600e-003	0.0000	210.0282
Total	0.0834	0.0497	0.5489	2.3200e-003	0.3319	1.5200e-003	0.3335	0.0882	1.4000e-003	0.0896	0.0000	209.9243	209.9243	4.1600e-003	0.0000	210.0282

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	6.7000e-004	0.0000	16.6768
Total	0.9110	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	6.7000e-004	0.0000	16.6768

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3.7 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0834	0.0497	0.5489	2.3200e-003	0.3319	1.5200e-003	0.3335	0.0882	1.4000e-003	0.0896	0.0000	209.9243	209.9243	4.1600e-003	0.0000	210.0282
Total	0.0834	0.0497	0.5489	2.3200e-003	0.3319	1.5200e-003	0.3335	0.0882	1.4000e-003	0.0896	0.0000	209.9243	209.9243	4.1600e-003	0.0000	210.0282

3.7 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.5300e-003	0.0559	0.1173	1.9000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	16.6600	16.6600	6.7000e-004	0.0000	16.6768
Total	0.9157	0.0559	0.1173	1.9000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	16.6600	16.6600	6.7000e-004	0.0000	16.6768

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3.7 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0775	0.0466	0.5202	2.2700e-003	0.3319	1.4200e-003	0.3334	0.0882	1.3000e-003	0.0895	0.0000	205.2323	205.2323	3.9400e-003	0.0000	205.3307
Total	0.0775	0.0466	0.5202	2.2700e-003	0.3319	1.4200e-003	0.3334	0.0882	1.3000e-003	0.0895	0.0000	205.2323	205.2323	3.9400e-003	0.0000	205.3307

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9072					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	6.7000e-004	0.0000	16.6768
Total	0.9110	0.0885	0.1196	1.9000e-004		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	16.6600	16.6600	6.7000e-004	0.0000	16.6768

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3.7 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0775	0.0466	0.5202	2.2700e-003	0.3319	1.4200e-003	0.3334	0.0882	1.3000e-003	0.0895	0.0000	205.2323	205.2323	3.9400e-003	0.0000	205.3307
Total	0.0775	0.0466	0.5202	2.2700e-003	0.3319	1.4200e-003	0.3334	0.0882	1.3000e-003	0.0895	0.0000	205.2323	205.2323	3.9400e-003	0.0000	205.3307

3.7 Architectural Coating - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4692					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4100e-003	0.0289	0.0607	1.0000e-004		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	8.6172	8.6172	3.5000e-004	0.0000	8.6260
Total	0.4736	0.0289	0.0607	1.0000e-004		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	8.6172	8.6172	3.5000e-004	0.0000	8.6260

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3.7 Architectural Coating - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0374	0.0228	0.2563	1.1500e-003	0.1717	6.8000e-004	0.1724	0.0456	6.3000e-004	0.0462	0.0000	104.0490	104.0490	1.9400e-003	0.0000	104.0975
Total	0.0374	0.0228	0.2563	1.1500e-003	0.1717	6.8000e-004	0.1724	0.0456	6.3000e-004	0.0462	0.0000	104.0490	104.0490	1.9400e-003	0.0000	104.0975

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4692					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0100e-003	0.0458	0.0618	1.0000e-004		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	8.6172	8.6172	3.5000e-004	0.0000	8.6259
Total	0.4712	0.0458	0.0618	1.0000e-004		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	8.6172	8.6172	3.5000e-004	0.0000	8.6259

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3.7 Architectural Coating - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0374	0.0228	0.2563	1.1500e-003	0.1717	6.8000e-004	0.1724	0.0456	6.3000e-004	0.0462	0.0000	104.0490	104.0490	1.9400e-003	0.0000	104.0975
Total	0.0374	0.0228	0.2563	1.1500e-003	0.1717	6.8000e-004	0.1724	0.0456	6.3000e-004	0.0462	0.0000	104.0490	104.0490	1.9400e-003	0.0000	104.0975

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771
Unmitigated	0.8817	3.8432	11.5741	0.0493	5.5842	0.0315	5.6158	1.4948	0.0293	1.5241	0.0000	4,579.5905	4,579.5905	0.2155	0.0000	4,584.9771

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012
Total	3,991.68	3,991.68	3,991.68	14,826,012	14,826,012

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
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	16.80	7.10	7.90	42.00	18.00	40.00	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Other Asphalt Surfaces	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Single Family Housing	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

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	509.7239	509.7239	0.0203	3.8000e-003	511.3625
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	585.3312	585.3312	0.0233	4.3600e-003	587.2129
NaturalGas Mitigated	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509
NaturalGas Unmitigated	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509

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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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.26122e+006	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509
Total		0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.26122e+006	0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509
Total		0.0499	0.4267	0.1816	2.7200e-003		0.0345	0.0345		0.0345	0.0345	0.0000	494.2140	494.2140	9.4700e-003	9.0600e-003	497.1509

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.20597e+006	585.3312	0.0233	4.3600e-003	587.2129
Total		585.3312	0.0233	4.3600e-003	587.2129

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.79185e+006	509.7239	0.0203	3.8000e-003	511.3625
Total		509.7239	0.0203	3.8000e-003	511.3625

6.0 Area Detail

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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	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812
Unmitigated	3.4652	0.3031	3.0476	1.8700e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812

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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	0.4654					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0315	0.2693	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	311.9093	311.9093	5.9800e-003	5.7200e-003	313.7629
Landscaping	0.0878	0.0338	2.9330	1.6000e-004		0.0163	0.0163		0.0163	0.0163	0.0000	4.8039	4.8039	4.5800e-003	0.0000	4.9183
Total	3.4652	0.3031	3.0476	1.8800e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4654					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0315	0.2693	0.1146	1.7200e-003		0.0218	0.0218		0.0218	0.0218	0.0000	311.9093	311.9093	5.9800e-003	5.7200e-003	313.7629
Landscaping	0.0878	0.0338	2.9330	1.6000e-004		0.0163	0.0163		0.0163	0.0163	0.0000	4.8039	4.8039	4.5800e-003	0.0000	4.9183
Total	3.4652	0.3031	3.0476	1.8800e-003		0.0381	0.0381		0.0381	0.0381	0.0000	316.7132	316.7132	0.0106	5.7200e-003	318.6812

7.0 Water Detail

7.1 Mitigation Measures Water

- Apply Water Conservation Strategy
- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	126.8529	0.8454	0.0207	154.1682
Unmitigated	141.1855	0.8460	0.0208	168.5469

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 19.0637	38.6691	1.5400e-003	2.9000e-004	38.7934
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25.801 / 16.2658	102.5164	0.8445	0.0206	129.7535
Total		141.1855	0.8460	0.0208	168.5469

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 15.251	30.9353	1.2300e-003	2.3000e-004	31.0347
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	25.801 / 13.0127	95.9176	0.8442	0.0205	123.1335
Total		126.8529	0.8454	0.0207	154.1683

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	70.9316	4.1919	0.0000	175.7301
Unmitigated	94.5755	5.5893	0.0000	234.3069

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.38	0.2801	0.0166	0.0000	0.6940
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	464.53	94.2954	5.5727	0.0000	233.6128
Total		94.5755	5.5893	0.0000	234.3068

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.035	0.2101	0.0124	0.0000	0.5205
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	348.397	70.7215	4.1795	0.0000	175.2096
Total		70.9316	4.1919	0.0000	175.7301

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
