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# **Appendix B-1**

## Air Quality and Greenhouse Gas Emission Estimates



# MIP\_Onsite&Offsite\_PDFs Detailed Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	MIP_Onsite&Offsite_PDFs
Construction Start Date	10/1/2024
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	1.40
Location	Mojave Dr & Onyx Rd, Victorville, CA 92394, USA
County	San Bernardino-Mojave Desert
City	Victorville
Air District	Mojave Desert AQMD
Air Basin	Mojave Desert
TAZ	5102
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southwest Gas Corp.
App Version	2022.1.1.20

## 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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Unrefrigerated Warehouse-No Rail	139	1000sqft	3.19	138,765	490,000	—	—	Passenger Vehicles
Unrefrigerated Warehouse-No Rail	52.6	1000sqft	1.21	52,635	—	—	—	Trucks
Unrefrigerated Warehouse-Rail	417	1000sqft	9.57	416,962	—	—	—	Passenger Vehicles
Unrefrigerated Warehouse-Rail	337	1000sqft	7.74	337,038	—	—	—	Trucks
General Heavy Industry	319	1000sqft	7.33	319,116	—	—	—	Passenger Vehicles
General Heavy Industry	86.9	1000sqft	1.99	86,884	—	—	—	Trucks
Parking Lot	1,327	Space	11.9	0.00	—	—	—	—
Other Asphalt Surfaces	1,003	1000sqft	23.0	0.00	—	—	—	—

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Water	W-7	Adopt a Water Conservation Strategy
Waste	S-1/S-2	Implement Waste Reduction Plan
Area Sources	AS-2	Use Low-VOC Paints

## 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.	10.4	56.2	71.1	115	0.24	2.60	11.0	13.3	2.40	2.78	4.84	—	34,859	34,859	0.74	2.69	72.6	35,750
Mit.	7.64	26.3	45.7	119	0.24	1.09	11.0	12.1	1.03	2.78	3.81	—	34,859	34,859	0.74	2.69	72.6	35,750
% Reduced	26%	53%	36%	-3%	—	58%	—	9%	57%	—	21%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	11.2	49.7	97.1	105	0.25	3.54	11.0	13.6	3.28	2.86	6.15	—	34,522	34,522	0.78	2.70	1.95	35,347
Mit.	7.74	22.9	48.7	109	0.25	1.17	11.0	12.2	1.11	2.86	3.97	—	34,522	34,522	0.78	2.70	1.95	35,347
% Reduced	31%	54%	50%	-4%	—	67%	—	10%	66%	—	35%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.68	19.5	34.0	49.6	0.11	1.11	4.76	5.87	1.03	1.19	2.22	—	15,157	15,157	0.36	1.12	13.4	15,514
Mit.	3.30	9.78	20.9	51.6	0.11	0.51	4.76	5.27	0.48	1.19	1.68	—	15,157	15,157	0.36	1.12	13.4	15,514
% Reduced	30%	50%	39%	-4%	—	54%	—	10%	53%	—	25%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.85	3.55	6.21	9.05	0.02	0.20	0.87	1.07	0.19	0.22	0.41	—	2,509	2,509	0.06	0.19	2.21	2,569
Mit.	0.60	1.79	3.82	9.41	0.02	0.09	0.87	0.96	0.09	0.22	0.31	—	2,509	2,509	0.06	0.19	2.21	2,569
% Reduced	30%	50%	39%	-4%	—	54%	—	10%	53%	—	25%	—	—	—	—	—	—	—

## 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	10.4	56.2	71.1	115	0.24	2.60	11.0	13.3	2.40	2.78	4.84	—	34,859	34,859	0.74	2.69	72.6	35,750
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	11.2	36.0	97.1	105	0.25	3.54	11.0	13.6	3.28	2.86	6.15	—	34,522	34,522	0.78	2.70	1.95	35,347
2025	9.81	49.7	72.4	102	0.24	2.23	11.0	13.3	2.07	2.78	4.84	—	34,056	34,056	0.76	2.69	1.88	34,877
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.56	4.49	12.9	13.9	0.04	0.44	1.63	2.08	0.41	0.44	0.85	—	5,156	5,156	0.11	0.44	3.84	5,293
2025	4.68	19.5	34.0	49.6	0.11	1.11	4.76	5.87	1.03	1.19	2.22	—	15,157	15,157	0.36	1.12	13.4	15,514
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.28	0.82	2.35	2.53	0.01	0.08	0.30	0.38	0.07	0.08	0.16	—	854	854	0.02	0.07	0.64	876
2025	0.85	3.55	6.21	9.05	0.02	0.20	0.87	1.07	0.19	0.22	0.41	—	2,509	2,509	0.06	0.19	2.21	2,569

### 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	7.64	26.3	45.7	119	0.24	1.09	11.0	12.1	1.03	2.78	3.81	—	34,859	34,859	0.74	2.69	72.6	35,750
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	7.74	18.6	48.7	109	0.25	1.17	11.0	12.2	1.11	2.86	3.97	—	34,522	34,522	0.78	2.70	1.95	35,347
2025	7.09	22.9	46.9	106	0.24	1.09	11.0	12.1	1.03	2.78	3.81	—	34,056	34,056	0.76	2.69	1.88	34,877

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.87	2.18	6.63	15.1	0.04	0.16	1.63	1.80	0.16	0.44	0.60	—	5,156	5,156	0.11	0.44	3.84	5,293
2025	3.30	9.78	20.9	51.6	0.11	0.51	4.76	5.27	0.48	1.19	1.68	—	15,157	15,157	0.36	1.12	13.4	15,514
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.16	0.40	1.21	2.76	0.01	0.03	0.30	0.33	0.03	0.08	0.11	—	854	854	0.02	0.07	0.64	876
2025	0.60	1.79	3.82	9.41	0.02	0.09	0.87	0.96	0.09	0.22	0.31	—	2,509	2,509	0.06	0.19	2.21	2,569

### 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.	54.5	78.2	408	466	2.37	14.7	78.8	93.5	13.8	20.9	34.6	778	271,518	272,296	83.3	25.9	766	282,877
Mit.	54.5	77.1	408	466	2.37	14.7	78.8	93.5	13.8	20.9	34.6	209	263,255	263,465	25.7	25.8	766	272,574
% Reduced	—	1%	—	—	—	—	—	—	—	—	—	73%	3%	3%	69%	< 0.5%	—	4%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	43.2	67.7	417	387	2.34	14.6	78.8	93.4	13.7	20.9	34.5	778	269,224	270,001	83.4	26.0	123	279,955
Mit.	43.2	66.6	417	387	2.34	14.6	78.8	93.4	13.7	20.9	34.5	209	260,961	261,171	25.8	25.9	123	269,652
% Reduced	—	2%	—	—	—	—	—	—	—	—	—	73%	3%	3%	69%	< 0.5%	—	4%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	46.2	70.4	414	416	2.34	14.4	78.7	93.1	13.4	20.8	34.2	778	268,710	269,488	83.3	26.0	391	279,712
Mit.	46.2	69.4	414	416	2.34	14.4	78.7	93.1	13.4	20.8	34.2	209	260,448	260,657	25.7	25.9	391	269,409



% Reduced	—	1%	—	—	—	—	—	—	—	—	—	73%	3%	3%	69%	< 0.5%	—	4%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.43	12.9	75.6	75.9	0.43	2.62	14.4	17.0	2.45	3.80	6.25	129	44,488	44,617	13.8	4.31	64.7	46,309
Mit.	8.43	12.7	75.6	75.9	0.43	2.62	14.4	17.0	2.45	3.80	6.25	34.7	43,120	43,155	4.26	4.29	64.7	44,604
% Reduced	—	1%	—	—	—	—	—	—	—	—	—	73%	3%	3%	69%	< 0.5%	—	4%

## 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	13.5	12.1	183	114	1.85	3.86	78.8	82.7	3.69	20.9	24.6	—	193,338	193,338	0.90	25.3	660	201,548
Area	10.5	40.5	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	27,919	27,919	2.58	0.21	—	28,047
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	54.5	78.2	408	466	2.37	14.7	78.8	93.5	13.8	20.9	34.6	778	271,518	272,296	83.3	25.9	766	282,877
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.6	11.3	193	93.7	1.82	3.87	78.8	82.7	3.69	20.9	24.6	—	191,285	191,285	0.94	25.3	17.1	198,869
Area	—	30.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	27,919	27,919	2.58	0.21	—	28,047
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	43.2	67.7	417	387	2.34	14.6	78.8	93.4	13.7	20.9	34.5	778	269,224	270,001	83.4	26.0	123	279,955
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.8	11.4	195	99.1	1.83	3.87	78.7	82.6	3.69	20.8	24.5	—	191,739	191,739	0.95	25.3	285	199,596
Area	5.16	35.6	0.24	29.0	< 0.005	0.05	—	0.05	0.04	—	0.04	—	119	119	0.01	< 0.005	—	120
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	27,919	27,919	2.58	0.21	—	28,047
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	0.37	0.34	0.94	0.86	< 0.005	0.05	0.00	0.05	0.05	0.00	0.05	0.00	173	173	0.01	< 0.005	0.00	173
Total	46.2	70.4	414	416	2.34	14.4	78.7	93.1	13.4	20.8	34.2	778	268,710	269,488	83.3	26.0	391	279,712
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.33	2.08	35.6	18.1	0.33	0.71	14.4	15.1	0.67	3.80	4.48	—	31,745	31,745	0.16	4.19	47.2	33,045
Area	0.94	6.50	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Energy	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	4,622	4,622	0.43	0.04	—	4,644
Water	—	—	—	—	—	—	—	—	—	—	—	4.54	13.3	17.8	0.47	0.01	—	32.8
Waste	—	—	—	—	—	—	—	—	—	—	—	124	0.00	124	12.4	0.00	—	435
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Off-Road	4.90	4.12	38.0	51.0	0.08	1.76	—	1.76	1.62	—	1.62	—	8,060	8,060	0.33	0.07	—	8,087

Stationary	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	8.43	12.9	75.6	75.9	0.43	2.62	14.4	17.0	2.45	3.80	6.25	129	44,488	44,617	13.8	4.31	64.7	46,309

## 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	13.5	12.1	183	114	1.85	3.86	78.8	82.7	3.69	20.9	24.6	—	193,338	193,338	0.90	25.3	660	201,548
Area	10.5	39.5	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	19,672	19,672	1.80	0.12	—	19,752
Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	54.5	77.1	408	466	2.37	14.7	78.8	93.5	13.8	20.9	34.6	209	263,255	263,465	25.7	25.8	766	272,574
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.6	11.3	193	93.7	1.82	3.87	78.8	82.7	3.69	20.9	24.6	—	191,285	191,285	0.94	25.3	17.1	198,869
Area	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	19,672	19,672	1.80	0.12	—	19,752
Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106

Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	43.2	66.6	417	387	2.34	14.6	78.8	93.4	13.7	20.9	34.5	209	260,961	261,171	25.8	25.9	123	269,652
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.8	11.4	195	99.1	1.83	3.87	78.7	82.6	3.69	20.8	24.5	—	191,739	191,739	0.95	25.3	285	199,596
Area	5.16	34.6	0.24	29.0	< 0.005	0.05	—	0.05	0.04	—	0.04	—	119	119	0.01	< 0.005	—	120
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	19,672	19,672	1.80	0.12	—	19,752
Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	0.37	0.34	0.94	0.86	< 0.005	0.05	0.00	0.05	0.05	0.00	0.05	0.00	173	173	0.01	< 0.005	0.00	173
Total	46.2	69.4	414	416	2.34	14.4	78.7	93.1	13.4	20.8	34.2	209	260,448	260,657	25.7	25.9	391	269,409
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.33	2.08	35.6	18.1	0.33	0.71	14.4	15.1	0.67	3.80	4.48	—	31,745	31,745	0.16	4.19	47.2	33,045
Area	0.94	6.31	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Energy	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	3,257	3,257	0.30	0.02	—	3,270
Water	—	—	—	—	—	—	—	—	—	—	—	3.63	10.6	14.2	0.37	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	31.1	0.00	31.1	3.10	0.00	—	109
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Off-Road	4.90	4.12	38.0	51.0	0.08	1.76	—	1.76	1.62	—	1.62	—	8,060	8,060	0.33	0.07	—	8,087
Stationary	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	8.43	12.7	75.6	75.9	0.43	2.62	14.4	17.0	2.45	3.80	6.25	34.7	43,120	43,155	4.26	4.29	64.7	44,604

### 3. Construction Emissions Details

#### 3.1. Site Preparation (2024) - 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	0.53	0.45	4.04	4.43	0.01	0.27	—	0.27	0.25	—	0.25	—	639	639	0.03	0.01	—	642
Dust From Material Movement:	—	—	—	—	—	—	0.21	0.21	—	0.02	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.5	17.5	< 0.005	< 0.005	—	17.6
Dust From Material Movement:	—	—	—	—	—	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.90	2.90	< 0.005	< 0.005	—	2.91

Dust From Material Movement:	—	—	—	—	—	—	< 0.005	< 0.005	—	< 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	0.11	0.10	0.12	1.21	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	264	264	0.01	0.01	0.03	267
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	130	130	< 0.005	0.02	0.01	135
Hauling	0.36	0.25	15.1	3.21	0.08	0.24	3.29	3.53	0.24	0.84	1.08	—	12,687	12,687	0.01	1.99	0.70	13,283
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.44	7.44	< 0.005	< 0.005	0.01	7.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.70
Hauling	0.01	0.01	0.41	0.09	< 0.005	0.01	0.09	0.10	0.01	0.02	0.03	—	347	347	< 0.005	0.05	0.32	364
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.23	1.23	< 0.005	< 0.005	< 0.005	1.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.61
Hauling	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	57.5	57.5	< 0.005	0.01	0.05	60.3

### 3.2. Site Preparation (2024) - 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	0.31	4.47	0.01	0.01	—	0.01	0.01	—	0.01	—	639	639	0.03	0.01	—	642
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.02	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.5	17.5	< 0.005	< 0.005	—	17.6
Dust From Material Movement	—	—	—	—	—	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.90	2.90	< 0.005	< 0.005	—	2.91
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 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	0.11	0.10	0.12	1.21	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	264	264	0.01	0.01	0.03	267
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	130	130	< 0.005	0.02	0.01	135
Hauling	0.36	0.25	15.1	3.21	0.08	0.24	3.29	3.53	0.24	0.84	1.08	—	12,687	12,687	0.01	1.99	0.70	13,283
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.44	7.44	< 0.005	< 0.005	0.01	7.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.70
Hauling	0.01	0.01	0.41	0.09	< 0.005	0.01	0.09	0.10	0.01	0.02	0.03	—	347	347	< 0.005	0.05	0.32	364
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.23	1.23	< 0.005	< 0.005	< 0.005	1.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.61
Hauling	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	57.5	57.5	< 0.005	0.01	0.05	60.3

### 3.3. Mass Grading (2024) - 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	6.13	5.15	50.7	42.4	0.10	2.08	—	2.08	1.92	—	1.92	—	10,387	10,387	0.42	0.08	—	10,422



Dust From Material Movement:	—	—	—	—	—	—	4.48	4.48	—	1.52	1.52	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.50	0.42	4.17	3.49	0.01	0.17	—	0.17	0.16	—	0.16	—	854	854	0.03	0.01	—	857
Dust From Material Movement:	—	—	—	—	—	—	0.37	0.37	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.09	0.08	0.76	0.64	< 0.005	0.03	—	0.03	0.03	—	0.03	—	141	141	0.01	< 0.005	—	142
Dust From Material Movement:	—	—	—	—	—	—	0.07	0.07	—	0.02	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.15	0.18	1.82	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	396	396	0.02	0.01	0.05	400
Vendor	0.01	0.01	0.29	0.12	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	260	260	< 0.005	0.03	0.02	270
Hauling	0.35	0.24	14.8	3.14	0.08	0.24	3.22	3.46	0.24	0.83	1.06	—	12,408	12,408	0.01	1.95	0.68	12,991

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.5	33.5	< 0.005	< 0.005	0.06	33.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.4	21.4	< 0.005	< 0.005	0.02	22.2
Hauling	0.03	0.02	1.21	0.25	0.01	0.02	0.26	0.28	0.02	0.07	0.09	—	1,019	1,019	< 0.005	0.16	0.93	1,068
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.54	5.54	< 0.005	< 0.005	0.01	5.62
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.54	3.54	< 0.005	< 0.005	< 0.005	3.68
Hauling	0.01	< 0.005	0.22	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	169	169	< 0.005	0.03	0.15	177

### 3.4. Mass Grading (2024) - 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	1.19	1.15	6.65	54.0	0.10	0.25	—	0.25	0.24	—	0.24	—	10,387	10,387	0.42	0.08	—	10,422
Dust From Material Movement	—	—	—	—	—	—	4.48	4.48	—	1.52	1.52	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.09	0.55	4.44	0.01	0.02	—	0.02	0.02	—	0.02	—	854	854	0.03	0.01	—	857

Dust From Material Movement:	—	—	—	—	—	—	0.37	0.37	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.10	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	142
Dust From Material Movement:	—	—	—	—	—	—	0.07	0.07	—	0.02	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.15	0.18	1.82	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	396	396	0.02	0.01	0.05	400
Vendor	0.01	0.01	0.29	0.12	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	260	260	< 0.005	0.03	0.02	270
Hauling	0.35	0.24	14.8	3.14	0.08	0.24	3.22	3.46	0.24	0.83	1.06	—	12,408	12,408	0.01	1.95	0.68	12,991
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.5	33.5	< 0.005	< 0.005	0.06	33.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.4	21.4	< 0.005	< 0.005	0.02	22.2
Hauling	0.03	0.02	1.21	0.25	0.01	0.02	0.26	0.28	0.02	0.07	0.09	—	1,019	1,019	< 0.005	0.16	0.93	1,068
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.54	5.54	< 0.005	< 0.005	0.01	5.62
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.54	3.54	< 0.005	< 0.005	< 0.005	3.68

Hauling	0.01	< 0.005	0.22	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	169	169	< 0.005	0.03	0.15	177
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### 3.5. Building Construction (2024) - 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	3.18	2.66	25.6	32.1	0.05	1.09	—	1.09	1.00	—	1.00	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.22	0.19	1.80	2.26	< 0.005	0.08	—	0.08	0.07	—	0.07	—	376	376	0.02	< 0.005	—	377
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.04	0.03	0.33	0.41	< 0.005	0.01	—	0.01	0.01	—	0.01	—	62.2	62.2	< 0.005	< 0.005	—	62.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	2.28	2.07	2.50	24.6	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,353	5,353	0.26	0.20	0.62	5,420
Vendor	0.72	0.55	17.1	7.40	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,533	15,533	0.03	2.05	1.08	16,146
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	0.16	0.15	0.18	1.95	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	388	388	0.02	0.01	0.72	394
Vendor	0.05	0.04	1.21	0.51	0.01	0.02	0.29	0.30	0.02	0.08	0.09	—	1,094	1,094	< 0.005	0.14	1.27	1,138
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	0.03	0.36	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.3	64.3	< 0.005	< 0.005	0.12	65.2
Vendor	0.01	0.01	0.22	0.09	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	181	181	< 0.005	0.02	0.21	188
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

### 3.6. Building Construction (2024) - 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	1.36	1.19	9.14	34.7	0.05	0.29	—	0.29	0.27	—	0.27	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.64	2.44	< 0.005	0.02	—	0.02	0.02	—	0.02	—	376	376	0.02	< 0.005	—	377
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.12	0.45	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	62.2	62.2	< 0.005	< 0.005	—	62.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	2.28	2.07	2.50	24.6	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,353	5,353	0.26	0.20	0.62	5,420
Vendor	0.72	0.55	17.1	7.40	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,533	15,533	0.03	2.05	1.08	16,146
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	0.16	0.15	0.18	1.95	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	388	388	0.02	0.01	0.72	394
Vendor	0.05	0.04	1.21	0.51	0.01	0.02	0.29	0.30	0.02	0.08	0.09	—	1,094	1,094	< 0.005	0.14	1.27	1,138
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	0.03	0.36	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.3	64.3	< 0.005	< 0.005	0.12	65.2
Vendor	0.01	0.01	0.22	0.09	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	181	181	< 0.005	0.02	0.21	188
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

### 3.7. Building Construction (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	2.97	2.48	24.0	32.0	0.05	0.93	—	0.93	0.86	—	0.86	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	2.97	2.48	24.0	32.0	0.05	0.93	—	0.93	0.86	—	0.86	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.24	1.04	10.0	13.3	0.02	0.39	—	0.39	0.36	—	0.36	—	2,224	2,224	0.09	0.02	—	2,231
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.23	0.19	1.83	2.43	< 0.005	0.07	—	0.07	0.07	—	0.07	—	368	368	0.01	< 0.005	—	369
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	2.43	2.22	1.97	33.7	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,922	5,922	0.24	0.20	21.6	6,010
Vendor	0.65	0.59	15.5	6.77	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,226	15,226	0.03	2.04	41.7	15,877
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	2.03	1.82	2.15	22.6	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,242	5,242	0.26	0.20	0.56	5,309
Vendor	0.58	0.54	16.4	6.89	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,243	15,243	0.03	2.04	1.08	15,852
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	0.85	0.76	0.97	10.5	0.00	0.00	2.21	2.21	0.00	0.52	0.52	—	2,250	2,250	0.11	0.08	3.90	2,281
Vendor	0.26	0.24	6.82	2.84	0.05	0.09	1.70	1.79	0.09	0.47	0.56	—	6,350	6,350	0.01	0.85	7.50	6,611
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	0.16	0.14	0.18	1.92	0.00	0.00	0.40	0.40	0.00	0.09	0.09	—	372	372	0.02	0.01	0.65	378
Vendor	0.05	0.04	1.24	0.52	0.01	0.02	0.31	0.33	0.02	0.09	0.10	—	1,051	1,051	< 0.005	0.14	1.24	1,095
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

### 3.8. Building Construction (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	1.32	1.16	9.04	34.6	0.05	0.27	—	0.27	0.26	—	0.26	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.32	1.16	9.04	34.6	0.05	0.27	—	0.27	0.26	—	0.26	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.55	0.48	3.77	14.4	0.02	0.11	—	0.11	0.11	—	0.11	—	2,224	2,224	0.09	0.02	—	2,231
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.10	0.09	0.69	2.64	< 0.005	0.02	—	0.02	0.02	—	0.02	—	368	368	0.01	< 0.005	—	369
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	2.43	2.22	1.97	33.7	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,922	5,922	0.24	0.20	21.6	6,010
Vendor	0.65	0.59	15.5	6.77	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,226	15,226	0.03	2.04	41.7	15,877
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	2.03	1.82	2.15	22.6	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,242	5,242	0.26	0.20	0.56	5,309

Vendor	0.58	0.54	16.4	6.89	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,243	15,243	0.03	2.04	1.08	15,852
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	0.85	0.76	0.97	10.5	0.00	0.00	2.21	2.21	0.00	0.52	0.52	—	2,250	2,250	0.11	0.08	3.90	2,281
Vendor	0.26	0.24	6.82	2.84	0.05	0.09	1.70	1.79	0.09	0.47	0.56	—	6,350	6,350	0.01	0.85	7.50	6,611
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	0.16	0.14	0.18	1.92	0.00	0.00	0.40	0.40	0.00	0.09	0.09	—	372	372	0.02	0.01	0.65	378
Vendor	0.05	0.04	1.24	0.52	0.01	0.02	0.31	0.33	0.02	0.09	0.10	—	1,051	1,051	< 0.005	0.14	1.24	1,095
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

### 3.9. Onsite Paving (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	5.57	4.68	41.7	54.9	0.08	1.94	—	1.94	1.79	—	1.79	—	8,265	8,265	0.34	0.07	—	8,294
Onsite truck	0.00	0.00	0.00	0.00	0.00	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	0.38	3.43	4.51	0.01	0.16	—	0.16	0.15	—	0.15	—	679	679	0.03	0.01	—	682

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.08	0.07	0.63	0.82	< 0.005	0.03	—	0.03	0.03	—	0.03	—	112	112	< 0.005	< 0.005	—	113	
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.34	5.81	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	1,021	1,021	0.04	0.03	3.73	1,036	
Vendor	0.07	0.06	1.62	0.71	0.01	0.02	0.43	0.45	0.02	0.12	0.14	—	1,593	1,593	< 0.005	0.21	4.36	1,661	
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.03	0.03	0.03	0.36	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	76.5	76.5	< 0.005	< 0.005	0.13	77.6	
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	131	131	< 0.005	0.02	0.15	136	
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	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.7	12.7	< 0.005	< 0.005	0.02	12.8	
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.7	21.7	< 0.005	< 0.005	0.03	22.6	
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	

### 3.10. Onsite Paving (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
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Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.02	2.63	16.3	58.0	0.08	0.72	—	0.72	0.67	—	0.67	—	8,265	8,265	0.34	0.07	—	8,294
Onsite truck	0.00	0.00	0.00	0.00	0.00	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.22	1.34	4.77	0.01	0.06	—	0.06	0.06	—	0.06	—	679	679	0.03	0.01	—	682
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.04	0.25	0.87	< 0.005	0.01	—	0.01	0.01	—	0.01	—	112	112	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.34	5.81	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	1,021	1,021	0.04	0.03	3.73	1,036
Vendor	0.07	0.06	1.62	0.71	0.01	0.02	0.43	0.45	0.02	0.12	0.14	—	1,593	1,593	< 0.005	0.21	4.36	1,661
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.36	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	76.5	76.5	< 0.005	< 0.005	0.13	77.6
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	131	131	< 0.005	0.02	0.15	136
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	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.7	12.7	< 0.005	< 0.005	0.02	12.8
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.7	21.7	< 0.005	< 0.005	0.03	22.6
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

### 3.11. Offsite Paving (Continual and Final) (2024) - 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	1.52	1.28	11.7	15.0	0.02	0.58	—	0.58	0.54	—	0.54	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.18	0.15	1.40	1.80	< 0.005	0.07	—	0.07	0.06	—	0.06	—	271	271	0.01	< 0.005	—	272
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.26	0.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.8	44.8	< 0.005	< 0.005	—	45.0	
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.13	0.12	0.15	1.45	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	316	316	0.02	0.01	0.04	320	
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203	
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	0.02	0.19	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.9	38.9	< 0.005	< 0.005	0.07	39.4	
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2	
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	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.44	6.44	< 0.005	< 0.005	0.01	6.53	
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01	
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. Offsite Paving (Continual and Final) (2024) - 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	0.71	0.62	3.67	16.0	0.02	0.17	—	0.17	0.16	—	0.16	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.07	0.44	1.91	< 0.005	0.02	—	0.02	0.02	—	0.02	—	271	271	0.01	< 0.005	—	272
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.8	44.8	< 0.005	< 0.005	—	45.0
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.13	0.12	0.15	1.45	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	316	316	0.02	0.01	0.04	320
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203
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	0.02	0.19	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.9	38.9	< 0.005	< 0.005	0.07	39.4
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2
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	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.44	6.44	< 0.005	< 0.005	0.01	6.53
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01
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. Offsite Paving (Continual and Final) (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	1.43	1.20	11.2	15.0	0.02	0.52	—	0.52	0.48	—	0.48	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.43	1.20	11.2	15.0	0.02	0.52	—	0.52	0.48	—	0.48	—	2,267	2,267	0.09	0.02	—	2,275



Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.74	0.62	5.80	7.76	0.01	0.27	—	0.27	0.25	—	0.25	—	1,176	1,176	0.05	0.01	—	1,180
Paving	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.14	0.11	1.06	1.42	< 0.005	0.05	—	0.05	0.05	—	0.05	—	195	195	0.01	< 0.005	—	195
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	0.14	0.13	0.12	1.99	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	350	350	0.01	0.01	1.28	355
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
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	0.12	0.11	0.13	1.34	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	310	310	0.02	0.01	0.03	314
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
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	0.07	0.78	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	165	165	0.01	0.01	0.29	168

Vendor	< 0.005	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	99.2	99.2	< 0.005	0.01	0.12	103
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	—	27.4	27.4	< 0.005	< 0.005	0.05	27.8
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.4	16.4	< 0.005	< 0.005	0.02	17.1
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. Offsite Paving (Continual and Final) (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	0.66	0.59	3.57	15.9	0.02	0.16	—	0.16	0.15	—	0.15	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.66	0.59	3.57	15.9	0.02	0.16	—	0.16	0.15	—	0.15	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.34	0.30	1.85	8.25	0.01	0.08	—	0.08	0.08	—	0.08	—	1,176	1,176	0.05	0.01	—	1,180

Paving	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.06	0.34	1.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	195	195	0.01	< 0.005	—	195
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	0.14	0.13	0.12	1.99	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	350	350	0.01	0.01	1.28	355
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
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	0.12	0.11	0.13	1.34	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	310	310	0.02	0.01	0.03	314
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
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	0.07	0.78	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	165	165	0.01	0.01	0.29	168
Vendor	< 0.005	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	99.2	99.2	< 0.005	0.01	0.12	103
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	—	27.4	27.4	< 0.005	< 0.005	0.05	27.8
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.4	16.4	< 0.005	< 0.005	0.02	17.1

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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### 3.15. Testing (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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536
Architect ural Coatings	—	21.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536
Architect ural Coatings	—	21.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.78	8.78	< 0.005	< 0.005	—	8.81
Architect ural Coatings	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	1.45	1.45	< 0.005	< 0.005	—	1.46
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.09	1.49	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	263	263	0.01	0.01	0.96	266	
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	0.10	1.00	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	232	232	0.01	0.01	0.02	235	
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	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.93	3.93	< 0.005	< 0.005	0.01	3.99	
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.65	0.65	< 0.005	< 0.005	< 0.005	0.66	
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
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### 3.16. Testing (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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	9.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	9.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.78	8.78	< 0.005	< 0.005	—	8.81
Architectural Coatings	—	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	1.45	1.45	< 0.005	< 0.005	—	1.46
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.09	1.49	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	263	263	0.01	0.01	0.96	266	
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	0.10	1.00	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	232	232	0.01	0.01	0.02	235	
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	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.93	3.93	< 0.005	< 0.005	0.01	3.99	
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.65	0.65	< 0.005	< 0.005	< 0.005	0.66	
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
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### 3.17. Architectural Coating (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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735	
Architect ural Coatings	—	25.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735	
Architect ural Coatings	—	25.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.02	0.02	0.15	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.1	26.1	< 0.005	< 0.005	—	26.2	
Architect ural Coatings	—	0.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	4.32	4.32	< 0.005	< 0.005	—	4.34
Architectural Coatings	—	0.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	1.37	1.26	1.12	19.1	0.00	0.00	3.01	3.01	0.00	0.70	0.70	—	3,355	3,355	0.13	0.11	12.3	3,405	
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	1.15	1.03	1.22	12.8	0.00	0.00	3.01	3.01	0.00	0.70	0.70	—	2,970	2,970	0.14	0.11	0.32	3,008	
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	0.04	0.04	0.05	0.51	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	109	109	0.01	< 0.005	0.19	110	
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	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.0	18.0	< 0.005	< 0.005	0.03	18.3	
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
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### 3.18. Architectural Coating (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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735	
Architect ural Coatings	—	11.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735	
Architect ural Coatings	—	11.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.02	0.02	0.15	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.1	26.1	< 0.005	< 0.005	—	26.2	
Architect ural Coatings	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	4.32	4.32	< 0.005	< 0.005	—	4.34
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	1.37	1.26	1.12	19.1	0.00	0.00	3.01	3.01	0.00	0.70	0.70	—	3,355	3,355	0.13	0.11	12.3	3,405	
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	1.15	1.03	1.22	12.8	0.00	0.00	3.01	3.01	0.00	0.70	0.70	—	2,970	2,970	0.14	0.11	0.32	3,008	
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	0.04	0.04	0.05	0.51	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	109	109	0.01	< 0.005	0.19	110	
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	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.0	18.0	< 0.005	< 0.005	0.03	18.3	
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
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### 3.19. Offsite Architectural Coating (Striping) (2024) - 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	0.66	0.55	3.63	4.59	0.01	0.13	—	0.13	0.12	—	0.12	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	26.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.43	0.55	< 0.005	0.02	—	0.02	0.01	—	0.01	—	63.8	63.8	< 0.005	< 0.005	—	64.0
Architectural Coatings	—	3.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.6

Architectural Coatings	—	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.07	0.06	0.07	0.73	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	158	158	0.01	0.01	0.02	160
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203
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	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.4	19.4	< 0.005	< 0.005	0.04	19.7
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	0.01	3.26
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01
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. Offsite Architectural Coating (Striping) (2024) - 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	0.66	0.55	3.63	4.59	0.01	0.13	—	0.13	0.12	—	0.12	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	11.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.07	0.43	0.55	< 0.005	0.02	—	0.02	0.01	—	0.01	—	63.8	63.8	< 0.005	< 0.005	—	64.0
Architectural Coatings	—	1.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.6
Architectural Coatings	—	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.07	0.06	0.07	0.73	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	158	158	0.01	0.01	0.02	160
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203
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	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.4	19.4	< 0.005	< 0.005	0.04	19.7
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	0.01	3.26
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01
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. Offsite Architectural Coating (Striping) (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	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architect ural Coatings	—	26.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	26.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.27	1.88	2.43	< 0.005	0.06	—	0.06	0.05	—	0.05	—	284	284	0.01	< 0.005	—	285
Architectural Coatings	—	14.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.05	0.34	0.44	< 0.005	0.01	—	0.01	0.01	—	0.01	—	47.1	47.1	< 0.005	< 0.005	—	47.2
Architectural Coatings	—	2.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.07	0.07	0.06	1.00	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	175	175	0.01	0.01	0.64	178
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
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	0.06	0.67	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	155	155	0.01	0.01	0.02	157
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
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	0.04	0.40	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	84.9	84.9	< 0.005	< 0.005	0.15	86.1
Vendor	< 0.005	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	102	102	< 0.005	0.01	0.12	106
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	—	14.1	14.1	< 0.005	< 0.005	0.02	14.3
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.9	16.9	< 0.005	< 0.005	0.02	17.5
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. Offsite Architectural Coating (Striping) (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	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architect ural Coatings	—	11.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	11.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.33	0.27	1.88	2.43	< 0.005	0.06	—	0.06	0.05	—	0.05	—	284	284	0.01	< 0.005	—	285
Architectural Coatings	—	6.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.05	0.34	0.44	< 0.005	0.01	—	0.01	0.01	—	0.01	—	47.1	47.1	< 0.005	< 0.005	—	47.2
Architectural Coatings	—	1.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.07	0.07	0.06	1.00	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	175	175	0.01	0.01	0.64	178
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
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	0.06	0.67	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	155	155	0.01	0.01	0.02	157
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
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	0.04	0.40	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	84.9	84.9	< 0.005	< 0.005	0.15	86.1
Vendor	< 0.005	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	102	102	< 0.005	0.01	0.12	106
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	—	14.1	14.1	< 0.005	< 0.005	0.02	14.3
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.9	16.9	< 0.005	< 0.005	0.02	17.5
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. Offsite Road Removal/Utility Install (2024) - 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	1.81	1.50	12.8	15.7	0.02	0.48	—	0.48	0.44	—	0.44	—	2,274	2,274	0.09	0.02	—	2,282

Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.18	1.53	1.87	< 0.005	0.06	—	0.06	0.05	—	0.05	—	271	271	0.01	< 0.005	—	272
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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	0.04	0.03	0.28	0.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.9	44.9	< 0.005	< 0.005	—	45.1
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.24	0.30	2.91	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	633	633	0.03	0.02	0.07	641
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203
Hauling	0.04	0.03	1.82	0.39	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,534	1,534	< 0.005	0.24	0.08	1,606

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.04	0.39	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	77.8	77.8	< 0.005	< 0.005	0.14	78.9
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2
Hauling	0.01	< 0.005	0.22	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	183	183	< 0.005	0.03	0.17	192
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.9	12.9	< 0.005	< 0.005	0.02	13.1
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01
Hauling	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.3	30.3	< 0.005	< 0.005	0.03	31.7

### 3.24. Offsite Road Removal/Utility Install (2024) - 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	1.47	1.23	9.61	16.0	0.02	0.33	—	0.33	0.31	—	0.31	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.15	1.91	< 0.005	0.04	—	0.04	0.04	—	0.04	—	271	271	0.01	< 0.005	—	272

Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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	0.03	0.03	0.21	0.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.9	44.9	< 0.005	< 0.005	—	45.1
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.24	0.30	2.91	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	633	633	0.03	0.02	0.07	641
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203
Hauling	0.04	0.03	1.82	0.39	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,534	1,534	< 0.005	0.24	0.08	1,606
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.04	0.39	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	77.8	77.8	< 0.005	< 0.005	0.14	78.9
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2
Hauling	0.01	< 0.005	0.22	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	183	183	< 0.005	0.03	0.17	192
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.9	12.9	< 0.005	< 0.005	0.02	13.1
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01

Hauling	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.3	30.3	< 0.005	< 0.005	0.03	31.7
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### 3.25. Offsite Road Removal/Utility Install (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	1.71	1.42	12.3	15.6	0.02	0.41	—	0.41	0.38	—	0.38	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.71	1.42	12.3	15.6	0.02	0.41	—	0.41	0.38	—	0.38	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.43	3.71	4.70	0.01	0.12	—	0.12	0.11	—	0.11	—	685	685	0.03	0.01	—	688

Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	
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	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.09	0.08	0.68	0.86	< 0.005	0.02	—	0.02	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	114
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	
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	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.29	0.26	0.23	3.99	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	700	700	0.03	0.02	2.56	711
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
Hauling	0.04	0.03	1.68	0.37	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,501	1,501	< 0.005	0.24	3.23	1,576
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.24	0.21	0.25	2.68	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	620	620	0.03	0.02	0.07	628
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
Hauling	0.03	0.03	1.78	0.38	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,502	1,502	< 0.005	0.24	0.08	1,574
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.07	0.07	0.08	0.90	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	192	192	0.01	0.01	0.33	195
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	57.6	57.6	< 0.005	0.01	0.07	60.0
Hauling	0.01	0.01	0.54	0.11	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	453	453	< 0.005	0.07	0.42	475



Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.16	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.8	31.8	< 0.005	< 0.005	0.06	32.3
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.54	9.54	< 0.005	< 0.005	0.01	9.93
Hauling	< 0.005	< 0.005	0.10	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	74.9	74.9	< 0.005	0.01	0.07	78.6

3.26. Offsite Road Removal/Utility Install (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	1.41	1.18	9.42	16.0	0.02	0.30	—	0.30	0.28	—	0.28	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.18	9.42	16.0	0.02	0.30	—	0.30	0.28	—	0.28	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.42	0.36	2.84	4.81	0.01	0.09	—	0.09	0.08	—	0.08	—	685	685	0.03	0.01	—	688
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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	0.08	0.06	0.52	0.88	< 0.005	0.02	—	0.02	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	114
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.29	0.26	0.23	3.99	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	700	700	0.03	0.02	2.56	711
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
Hauling	0.04	0.03	1.68	0.37	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,501	1,501	< 0.005	0.24	3.23	1,576
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.21	0.25	2.68	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	620	620	0.03	0.02	0.07	628
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
Hauling	0.03	0.03	1.78	0.38	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,502	1,502	< 0.005	0.24	0.08	1,574
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.08	0.90	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	192	192	0.01	0.01	0.33	195

Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	57.6	57.6	< 0.005	0.01	0.07	60.0
Hauling	0.01	0.01	0.54	0.11	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	453	453	< 0.005	0.07	0.42	475
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.16	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.8	31.8	< 0.005	< 0.005	0.06	32.3
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.54	9.54	< 0.005	< 0.005	0.01	9.93
Hauling	< 0.005	< 0.005	0.10	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	74.9	74.9	< 0.005	0.01	0.07	78.6

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.05	0.95	14.9	9.59	0.17	0.32	6.52	6.84	0.31	1.72	2.03	—	17,405	17,405	0.08	2.30	49.7	18,142
Unrefrigerated Warehouse-Rail	5.65	5.00	101	44.0	0.96	2.15	38.6	40.8	2.06	10.3	12.3	—	101,098	101,098	0.37	13.9	343	105,587
General Heavy Industry	6.78	6.14	67.2	60.7	0.72	1.39	33.7	35.1	1.33	8.86	10.2	—	74,835	74,835	0.46	9.08	267	77,819
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	13.5	12.1	183	114	1.85	3.86	78.8	82.7	3.69	20.9	24.6	—	193,338	193,338	0.90	25.3	660	201,548	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unrefrigerated Warehouse-No Rail	0.98	0.87	15.7	7.69	0.16	0.32	6.52	6.84	0.31	1.72	2.03	—	17,214	17,214	0.08	2.30	1.29	17,904	
Unrefrigerated Warehouse-Rail	5.37	4.72	106	37.9	0.96	2.15	38.6	40.8	2.06	10.3	12.3	—	100,500	100,500	0.38	13.9	8.90	104,661	
General Heavy Industry	6.30	5.66	70.8	48.1	0.70	1.39	33.7	35.1	1.33	8.86	10.2	—	73,571	73,571	0.48	9.11	6.94	76,304	
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	12.6	11.3	193	93.7	1.82	3.87	78.8	82.7	3.69	20.9	24.6	—	191,285	191,285	0.94	25.3	17.1	198,869	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unrefrigerated Warehouse-No Rail	0.18	0.16	2.91	1.50	0.03	0.06	1.19	1.25	0.06	0.31	0.37	—	2,857	2,857	0.01	0.38	3.55	2,975	
Unrefrigerated Warehouse-Rail	0.99	0.87	19.6	7.19	0.17	0.39	7.04	7.43	0.38	1.87	2.25	—	16,660	16,660	0.06	2.30	24.5	17,372	

General Heavy Industry	1.16	1.04	13.1	9.40	0.13	0.25	6.14	6.40	0.24	1.62	1.86	—	12,227	12,227	0.08	1.51	19.1	12,698
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	2.33	2.08	35.6	18.1	0.33	0.71	14.4	15.1	0.67	3.80	4.48	—	31,745	31,745	0.16	4.19	47.2	33,045

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.05	0.95	14.9	9.59	0.17	0.32	6.52	6.84	0.31	1.72	2.03	—	17,405	17,405	0.08	2.30	49.7	18,142
Unrefrigerated Warehouse-Rail	5.65	5.00	101	44.0	0.96	2.15	38.6	40.8	2.06	10.3	12.3	—	101,098	101,098	0.37	13.9	343	105,587
General Heavy Industry	6.78	6.14	67.2	60.7	0.72	1.39	33.7	35.1	1.33	8.86	10.2	—	74,835	74,835	0.46	9.08	267	77,819
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	13.5	12.1	183	114	1.85	3.86	78.8	82.7	3.69	20.9	24.6	—	193,338	193,338	0.90	25.3	660	201,548

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.98	0.87	15.7	7.69	0.16	0.32	6.52	6.84	0.31	1.72	2.03	—	17,214	17,214	0.08	2.30	1.29	17,904
Unrefrigerated Warehouse-Rail	5.37	4.72	106	37.9	0.96	2.15	38.6	40.8	2.06	10.3	12.3	—	100,500	100,500	0.38	13.9	8.90	104,661
General Heavy Industry	6.30	5.66	70.8	48.1	0.70	1.39	33.7	35.1	1.33	8.86	10.2	—	73,571	73,571	0.48	9.11	6.94	76,304
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	12.6	11.3	193	93.7	1.82	3.87	78.8	82.7	3.69	20.9	24.6	—	191,285	191,285	0.94	25.3	17.1	198,869
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.18	0.16	2.91	1.50	0.03	0.06	1.19	1.25	0.06	0.31	0.37	—	2,857	2,857	0.01	0.38	3.55	2,975
Unrefrigerated Warehouse-Rail	0.99	0.87	19.6	7.19	0.17	0.39	7.04	7.43	0.38	1.87	2.25	—	16,660	16,660	0.06	2.30	24.5	17,372
General Heavy Industry	1.16	1.04	13.1	9.40	0.13	0.25	6.14	6.40	0.24	1.62	1.86	—	12,227	12,227	0.08	1.51	19.1	12,698
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	2.33	2.08	35.6	18.1	0.33	0.71	14.4	15.1	0.67	3.80	4.48	—	31,745	31,745	0.16	4.19	47.2	33,045	

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	838	838	0.08	0.01	—	843
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	3,303	3,303	0.31	0.04	—	3,322
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,673	3,673	0.35	0.04	—	3,694
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	432	432	0.04	< 0.005	—	435
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	8,332	8,332	0.79	0.10	—	8,381
Total	—	—	—	—	—	—	—	—	—	—	—	—	16,579	16,579	1.58	0.19	—	16,675

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	838	838	0.08	0.01	—	843
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	3,303	3,303	0.31	0.04	—	3,322
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,673	3,673	0.35	0.04	—	3,694
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	432	432	0.04	< 0.005	—	435
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	8,332	8,332	0.79	0.10	—	8,381
Total	—	—	—	—	—	—	—	—	—	—	—	—	16,579	16,579	1.58	0.19	—	16,675
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	139	139	0.01	< 0.005	—	140
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	547	547	0.05	0.01	—	550
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	608	608	0.06	0.01	—	612



Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	71.6	71.6	0.01	< 0.005	—	72.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	1,379	1,379	0.13	0.02	—	1,388
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,745	2,745	0.26	0.03	—	2,761

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	8,332	8,332	0.79	0.10	—	8,381

Total	—	—	—	—	—	—	—	—	—	—	—	—	8,332	8,332	0.79	0.10	—	8,381
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	8,332	8,332	0.79	0.10	—	8,381
Total	—	—	—	—	—	—	—	—	—	—	—	—	8,332	8,332	0.79	0.10	—	8,381
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	1,379	1,379	0.13	0.02	—	1,388
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,379	1,379	0.13	0.02	—	1,388

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.02	0.01	0.18	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	193	193	0.02	< 0.005	—	194
Unrefrigerated Warehouse-Rail	0.08	0.04	0.70	0.59	< 0.005	0.05	—	0.05	0.05	—	0.05	—	761	761	0.07	< 0.005	—	763

General Heavy Industry	0.09	0.05	0.85	0.72	0.01	0.06	—	0.06	0.06	—	0.06	—	924	924	0.08	< 0.005	—	926
Parking Lot	0.00	0.00	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	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	1,877	1,877	0.17	< 0.005	—	1,883

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.02	0.01	0.18	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	193	193	0.02	< 0.005	—	194
Unrefrigerated Warehouse-Rail	0.08	0.04	0.70	0.59	< 0.005	0.05	—	0.05	0.05	—	0.05	—	761	761	0.07	< 0.005	—	763
General Heavy Industry	0.09	0.05	0.85	0.72	0.01	0.06	—	0.06	0.06	—	0.06	—	924	924	0.08	< 0.005	—	926
Parking Lot	0.00	0.00	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	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	1,877	1,877	0.17	< 0.005	—	1,883

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	10.5	9.65	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Total	10.5	40.5	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	30.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.94	0.87	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Total	0.94	6.50	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	10.5	9.65	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Total	10.5	39.5	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



Consumer	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.94	0.87	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Total	0.94	6.31	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.88	13.1	16.9	0.40	0.01	—	29.8

Unrefrigere rated	—	—	—	—	—	—	—	—	—	—	—	15.3	43.6	58.9	1.57	0.04	—	109
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	8.23	23.5	31.7	0.85	0.02	—	58.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigere rated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.88	13.1	16.9	0.40	0.01	—	29.8
Unrefrigere rated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	15.3	43.6	58.9	1.57	0.04	—	109
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	8.23	23.5	31.7	0.85	0.02	—	58.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	0.64	2.16	2.81	0.07	< 0.005	—	4.93
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	2.53	7.22	9.75	0.26	0.01	—	18.1
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	1.36	3.89	5.25	0.14	< 0.005	—	9.76
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	4.54	13.3	17.8	0.47	0.01	—	32.8

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.11	10.4	13.6	0.32	0.01	—	23.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	12.2	34.9	47.1	1.26	0.03	—	87.6

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	6.59	18.8	25.4	0.68	0.02	—	47.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.11	10.4	13.6	0.32	0.01	—	23.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	12.2	34.9	47.1	1.26	0.03	—	87.6
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	6.59	18.8	25.4	0.68	0.02	—	47.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.51	1.73	2.24	0.05	< 0.005	—	3.95

Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	2.03	5.77	7.80	0.21	0.01	—	14.5
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	1.09	3.11	4.20	0.11	< 0.005	—	7.81
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	3.63	10.6	14.2	0.37	0.01	—	26.2

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	97.0	0.00	97.0	9.69	0.00	—	339
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	382	0.00	382	38.2	0.00	—	1,336
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	271	0.00	271	27.1	0.00	—	949
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	97.0	0.00	97.0	9.69	0.00	—	339
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	382	0.00	382	38.2	0.00	—	1,336
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	271	0.00	271	27.1	0.00	—	949
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	16.1	0.00	16.1	1.60	0.00	—	56.2
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	63.2	0.00	63.2	6.32	0.00	—	221

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	44.9	0.00	44.9	4.49	0.00	—	157
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	124	0.00	124	12.4	0.00	—	435

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	24.2	0.00	24.2	2.42	0.00	—	84.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	95.5	0.00	95.5	9.54	0.00	—	334
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	67.8	0.00	67.8	6.78	0.00	—	237
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	24.2	0.00	24.2	2.42	0.00	—	84.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	95.5	0.00	95.5	9.54	0.00	—	334
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	67.8	0.00	67.8	6.78	0.00	—	237
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	4.01	0.00	4.01	0.40	0.00	—	14.0
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	15.8	0.00	15.8	1.58	0.00	—	55.3
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	11.2	0.00	11.2	1.12	0.00	—	39.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	31.1	0.00	31.1	3.10	0.00	—	109

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Forklifts	20.8	17.5	167	255	0.35	7.96	—	7.96	7.32	—	7.32	—	37,505	37,505	1.52	0.30	—	37,634
Other Material Handling Equipment	6.02	5.06	41.5	24.5	0.10	1.71	—	1.71	1.57	—	1.57	—	11,175	11,175	0.45	0.09	—	11,213
Total	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	20.8	17.5	167	255	0.35	7.96	—	7.96	7.32	—	7.32	—	37,505	37,505	1.52	0.30	—	37,634
Other Material Handling Equipment	6.02	5.06	41.5	24.5	0.10	1.71	—	1.71	1.57	—	1.57	—	11,175	11,175	0.45	0.09	—	11,213
Total	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	3.80	3.19	30.4	46.5	0.06	1.45	—	1.45	1.34	—	1.34	—	6,209	6,209	0.25	0.05	—	6,231
Other Material Handling Equipment	1.10	0.92	7.57	4.48	0.02	0.31	—	0.31	0.29	—	0.29	—	1,850	1,850	0.08	0.02	—	1,856
Total	4.90	4.12	38.0	51.0	0.08	1.76	—	1.76	1.62	—	1.62	—	8,060	8,060	0.33	0.07	—	8,087

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	20.8	17.5	167	255	0.35	7.96	—	7.96	7.32	—	7.32	—	37,505	37,505	1.52	0.30	—	37,634

Other Material Handling Equipment	6.02	5.06	41.5	24.5	0.10	1.71	—	1.71	1.57	—	1.57	—	11,175	11,175	0.45	0.09	—	11,213
Total	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	20.8	17.5	167	255	0.35	7.96	—	7.96	7.32	—	7.32	—	37,505	37,505	1.52	0.30	—	37,634
Other Material Handling Equipment	6.02	5.06	41.5	24.5	0.10	1.71	—	1.71	1.57	—	1.57	—	11,175	11,175	0.45	0.09	—	11,213
Total	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	3.80	3.19	30.4	46.5	0.06	1.45	—	1.45	1.34	—	1.34	—	6,209	6,209	0.25	0.05	—	6,231
Other Material Handling Equipment	1.10	0.92	7.57	4.48	0.02	0.31	—	0.31	0.29	—	0.29	—	1,850	1,850	0.08	0.02	—	1,856
Total	4.90	4.12	38.0	51.0	0.08	1.76	—	1.76	1.62	—	1.62	—	8,060	8,060	0.33	0.07	—	8,087

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Emergency	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Emergency Generator	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7

### 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	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## 5. Activity Data

### 5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	10/1/2024	10/14/2024	5.00	10.0	—
Mass Grading	Grading	10/15/2024	11/25/2024	5.00	30.0	—
Building Construction	Building Construction	11/26/2024	8/1/2025	5.00	179	—
Onsite Paving	Building Construction	8/2/2025	9/12/2025	5.00	30.0	—
Offsite Paving (Continual and Final)	Paving	11/1/2024	9/22/2025	5.00	232	—
Testing	Architectural Coating	9/30/2025	10/7/2025	5.00	6.00	—
Architectural Coating	Architectural Coating	9/13/2025	10/1/2025	5.00	13.0	—
Offsite Architectural Coating (Striping)	Architectural Coating	11/1/2024	9/29/2025	5.00	237	—
Offsite Road Removal/Utility Install	Trenching	11/1/2024	6/3/2025	5.00	153	—

### 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
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Mass Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Mass Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Mass Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Mass Grading	Scrapers	Diesel	Average	4.00	8.00	423	0.48

Mass Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	9.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Aerial Lifts	Diesel	Average	3.00	7.00	46.0	0.31
Onsite Paving	Pavers	Diesel	Average	10.0	8.00	81.0	0.42
Onsite Paving	Paving Equipment	Diesel	Average	10.0	8.00	89.0	0.36
Onsite Paving	Rollers	Diesel	Average	15.0	8.00	36.0	0.38
Offsite Paving (Continual and Final)	Pavers	Diesel	Average	3.00	8.00	81.0	0.42
Offsite Paving (Continual and Final)	Paving Equipment	Diesel	Average	3.00	8.00	89.0	0.36
Offsite Paving (Continual and Final)	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Testing	Generator Sets	Diesel	Average	3.00	8.00	37.0	0.48
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48
Architectural Coating	Aerial Lifts	Diesel	Average	3.00	6.00	46.0	0.31
Offsite Architectural Coating (Striping)	Air Compressors	Diesel	Average	3.00	8.00	37.0	0.48
Offsite Road Removal/Utility Install	Concrete/Industrial Saws	Diesel	Average	3.00	8.00	33.0	0.73
Offsite Road Removal/Utility Install	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Offsite Road Removal/Utility Install	Pumps	Diesel	Average	3.00	8.00	11.0	0.74
Offsite Road Removal/Utility Install	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37

## 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	87.0	0.43
Mass Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Mass Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Mass Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Mass Grading	Scrapers	Diesel	Tier 4 Final	4.00	8.00	423	0.48
Mass Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	9.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Aerial Lifts	Diesel	Average	3.00	7.00	46.0	0.31
Onsite Paving	Pavers	Diesel	Tier 4 Final	10.0	8.00	81.0	0.42
Onsite Paving	Paving Equipment	Diesel	Tier 4 Final	10.0	8.00	89.0	0.36
Onsite Paving	Rollers	Diesel	Average	15.0	8.00	36.0	0.38
Offsite Paving (Continual and Final)	Pavers	Diesel	Tier 4 Final	3.00	8.00	81.0	0.42
Offsite Paving (Continual and Final)	Paving Equipment	Diesel	Tier 4 Final	3.00	8.00	89.0	0.36
Offsite Paving (Continual and Final)	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Testing	Generator Sets	Diesel	Average	3.00	8.00	37.0	0.48
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48

Architectural Coating	Aerial Lifts	Diesel	Average	3.00	6.00	46.0	0.31
Offsite Architectural Coating (Striping)	Air Compressors	Diesel	Average	3.00	8.00	37.0	0.48
Offsite Road Removal/Utility Install	Concrete/Industrial Saws	Diesel	Average	3.00	8.00	33.0	0.73
Offsite Road Removal/Utility Install	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Offsite Road Removal/Utility Install	Pumps	Diesel	Average	3.00	8.00	11.0	0.74
Offsite Road Removal/Utility Install	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	20.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	10.2	HHDT,MHDT
Site Preparation	Hauling	182	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Mass Grading	—	—	—	—
Mass Grading	Worker	30.0	18.5	LDA,LDT1,LDT2
Mass Grading	Vendor	8.00	10.2	HHDT,MHDT
Mass Grading	Hauling	178	20.0	HHDT
Mass Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	406	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	478	10.2	HHDT,MHDT

Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Onsite Paving	—	—	—	—
Onsite Paving	Worker	70.0	18.5	LDA,LDT1,LDT2
Onsite Paving	Vendor	50.0	10.2	HHDT,MHDT
Onsite Paving	Hauling	0.00	20.0	HHDT
Onsite Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	230	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Offsite Paving (Continual and Final)	—	—	—	—
Offsite Paving (Continual and Final)	Worker	24.0	18.5	LDA,LDT1,LDT2
Offsite Paving (Continual and Final)	Vendor	6.00	10.2	HHDT,MHDT
Offsite Paving (Continual and Final)	Hauling	0.00	20.0	HHDT
Offsite Paving (Continual and Final)	Onsite truck	—	—	HHDT
Testing	—	—	—	—
Testing	Worker	18.0	18.5	LDA,LDT1,LDT2
Testing	Vendor	0.00	10.2	HHDT,MHDT
Testing	Hauling	0.00	20.0	HHDT
Testing	Onsite truck	—	—	HHDT
Offsite Architectural Coating (Striping)	—	—	—	—
Offsite Architectural Coating (Striping)	Worker	12.0	18.5	LDA,LDT1,LDT2
Offsite Architectural Coating (Striping)	Vendor	6.00	10.2	HHDT,MHDT
Offsite Architectural Coating (Striping)	Hauling	0.00	20.0	HHDT
Offsite Architectural Coating (Striping)	Onsite truck	—	—	HHDT



Offsite Road Removal/Utility Install	—	—	—	—
Offsite Road Removal/Utility Install	Worker	48.0	18.5	LDA,LDT1,LDT2
Offsite Road Removal/Utility Install	Vendor	6.00	10.2	HHDT,MHDT
Offsite Road Removal/Utility Install	Hauling	22.0	20.0	HHDT
Offsite Road Removal/Utility Install	Onsite truck	—	—	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	20.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	10.2	HHDT,MHDT
Site Preparation	Hauling	182	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Mass Grading	—	—	—	—
Mass Grading	Worker	30.0	18.5	LDA,LDT1,LDT2
Mass Grading	Vendor	8.00	10.2	HHDT,MHDT
Mass Grading	Hauling	178	20.0	HHDT
Mass Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	406	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	478	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Onsite Paving	—	—	—	—
Onsite Paving	Worker	70.0	18.5	LDA,LDT1,LDT2
Onsite Paving	Vendor	50.0	10.2	HHDT,MHDT
Onsite Paving	Hauling	0.00	20.0	HHDT

Onsite Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	230	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Offsite Paving (Continual and Final)	—	—	—	—
Offsite Paving (Continual and Final)	Worker	24.0	18.5	LDA,LDT1,LDT2
Offsite Paving (Continual and Final)	Vendor	6.00	10.2	HHDT,MHDT
Offsite Paving (Continual and Final)	Hauling	0.00	20.0	HHDT
Offsite Paving (Continual and Final)	Onsite truck	—	—	HHDT
Testing	—	—	—	—
Testing	Worker	18.0	18.5	LDA,LDT1,LDT2
Testing	Vendor	0.00	10.2	HHDT,MHDT
Testing	Hauling	0.00	20.0	HHDT
Testing	Onsite truck	—	—	HHDT
Offsite Architectural Coating (Striping)	—	—	—	—
Offsite Architectural Coating (Striping)	Worker	12.0	18.5	LDA,LDT1,LDT2
Offsite Architectural Coating (Striping)	Vendor	6.00	10.2	HHDT,MHDT
Offsite Architectural Coating (Striping)	Hauling	0.00	20.0	HHDT
Offsite Architectural Coating (Striping)	Onsite truck	—	—	HHDT
Offsite Road Removal/Utility Install	—	—	—	—
Offsite Road Removal/Utility Install	Worker	48.0	18.5	LDA,LDT1,LDT2
Offsite Road Removal/Utility Install	Vendor	6.00	10.2	HHDT,MHDT
Offsite Road Removal/Utility Install	Hauling	22.0	20.0	HHDT
Offsite Road Removal/Utility Install	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	0.00	0.00	102,207	34,069	4,609
Testing	0.00	0.00	39,747	13,249	1,793
Offsite Architectural Coating (Striping)	0.00	0.00	1,885,146	628,382	85,018

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	0.00	0.00	—
Mass Grading	—	84,103	81.1	0.00	—
Offsite Paving (Continual and Final)	0.00	0.00	0.00	0.00	35.0
Offsite Road Removal/Utility Install	—	—	23.0	0.00	—

### 5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Unrefrigerated Warehouse-No Rail	0.00	0%
Unrefrigerated Warehouse-Rail	0.00	0%
Unrefrigerated Warehouse-Rail	0.00	0%
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
Parking Lot	11.9	100%
Other Asphalt Surfaces	23.0	100%

## 5.8. Construction Electricity Consumption and Emissions Factors

### kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	349	0.03	< 0.005
2025	0.00	349	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
Unrefrigerated Warehouse-No Rail	237	237	237	86,610	2,393	2,393	2,393	873,551
Unrefrigerated Warehouse-No Rail	90.0	90.0	90.0	32,852	5,589	5,589	5,589	2,040,118
Unrefrigerated Warehouse-Rail	755	755	755	275,466	7,612	7,612	7,612	2,778,353

Unrefrigerated Warehouse-Rail	610	610	610	222,664	37,883	37,883	37,883	13,827,444
General Heavy Industry	1,554	1,554	1,554	567,245	15,675	15,675	15,675	5,721,237
General Heavy Industry	423	423	423	154,441	26,276	26,276	26,276	9,590,765
Parking Lot	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
Unrefrigerated Warehouse-No Rail	237	237	237	86,610	2,393	2,393	2,393	873,551
Unrefrigerated Warehouse-No Rail	90.0	90.0	90.0	32,852	5,589	5,589	5,589	2,040,118
Unrefrigerated Warehouse-Rail	755	755	755	275,466	7,612	7,612	7,612	2,778,353
Unrefrigerated Warehouse-Rail	610	610	610	222,664	37,883	37,883	37,883	13,827,444
General Heavy Industry	1,554	1,554	1,554	567,245	15,675	15,675	15,675	5,721,237
General Heavy Industry	423	423	423	154,441	26,276	26,276	26,276	9,590,765
Parking Lot	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

5.10.1.2. Mitigated

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)
0	0.00	2,027,100	675,700	91,420

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)
Unrefrigerated Warehouse-No Rail	640,914	346	0.0330	0.0040	2,638,017
Unrefrigerated Warehouse-No Rail	243,105	346	0.0330	0.0040	1,000,627

Unrefrigerated Warehouse-Rail	1,925,824	346	0.0330	0.0040	7,926,731
Unrefrigerated Warehouse-Rail	1,556,678	346	0.0330	0.0040	6,407,321
General Heavy Industry	3,043,640	346	0.0330	0.0040	13,685,645
General Heavy Industry	828,675	346	0.0330	0.0040	3,726,117
Parking Lot	455,728	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	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)
Unrefrigerated Warehouse-No Rail	0.00	346	0.0330	0.0040	2,638,017
Unrefrigerated Warehouse-No Rail	0.00	346	0.0330	0.0040	1,000,627
Unrefrigerated Warehouse-Rail	< 0.005	346	0.0330	0.0040	7,926,731
Unrefrigerated Warehouse-Rail	< 0.005	346	0.0330	0.0040	6,407,321
General Heavy Industry	0.00	346	0.0330	0.0040	13,685,645
General Heavy Industry	0.00	346	0.0330	0.0040	3,726,117
Parking Lot	< 0.005	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	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)
Unrefrigerated Warehouse-No Rail	1,468,792	496,528
Unrefrigerated Warehouse-No Rail	557,128	0.00
Unrefrigerated Warehouse-Rail	4,413,436	0.00

Unrefrigerated Warehouse-Rail	3,567,461	0.00
General Heavy Industry	3,377,761	0.00
General Heavy Industry	919,645	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

### 5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	1,175,034	397,222
Unrefrigerated Warehouse-No Rail	445,702	0.00
Unrefrigerated Warehouse-Rail	3,530,749	0.00
Unrefrigerated Warehouse-Rail	2,853,969	0.00
General Heavy Industry	2,702,209	0.00
General Heavy Industry	735,716	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

### 5.13. Operational Waste Generation

#### 5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	130	—
Unrefrigerated Warehouse-No Rail	49.5	—
Unrefrigerated Warehouse-Rail	392	—
Unrefrigerated Warehouse-Rail	317	—
General Heavy Industry	396	—
General Heavy Industry	108	—



Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

### 5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	32.6	—
Unrefrigerated Warehouse-No Rail	12.4	—
Unrefrigerated Warehouse-Rail	98.0	—
Unrefrigerated Warehouse-Rail	79.2	—
General Heavy Industry	98.9	—
General Heavy Industry	26.9	—
Parking Lot	0.00	—
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
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

### 5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
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## 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
Forklifts	Diesel	Average	82.0	24.0	82.0	0.20
Forklifts	Electric	Average	82.0	24.0	82.0	0.20
Other Material Handling Equipment	Diesel	Average	5.00	24.0	200	0.40

### 5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Forklifts	Diesel	Average	82.0	24.0	82.0	0.20
Forklifts	Electric	Average	82.0	24.0	82.0	0.20
Other Material Handling Equipment	Diesel	Average	5.00	24.0	200	0.40

## 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
Emergency Generator	Diesel	3.00	1.00	50.0	500	0.73

### 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	33.2	annual days of extreme heat
Extreme Precipitation	1.05	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	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  $\frac{3}{4}$  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	84.6
AQ-PM	9.66
AQ-DPM	6.31
Drinking Water	30.2
Lead Risk Housing	30.1
Pesticides	0.00
Toxic Releases	17.9
Traffic	18.1
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	45.2
Haz Waste Facilities/Generators	19.2
Impaired Water Bodies	51.2
Solid Waste	75.7
Sensitive Population	—
Asthma	84.9
Cardio-vascular	87.4
Low Birth Weights	50.5
Socioeconomic Factor Indicators	—
Education	64.5
Housing	47.1
Linguistic	34.6
Poverty	67.0

Unemployment	95.5
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## 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	32.02874374
Employed	23.52110869
Median HI	53.11176697
Education	—
Bachelor's or higher	21.19851148
High school enrollment	13.5249583
Preschool enrollment	35.44206339
Transportation	—
Auto Access	78.96830489
Active commuting	9.470037213
Social	—
2-parent households	61.99153086
Voting	36.04516874
Neighborhood	—
Alcohol availability	89.14410368
Park access	25.3560888
Retail density	9.354548954
Supermarket access	4.978827153
Tree canopy	0.61593738
Housing	—
Homeownership	71.07660721

Housing habitability	66.22610035
Low-inc homeowner severe housing cost burden	74.99037598
Low-inc renter severe housing cost burden	40.13858591
Uncrowded housing	41.35762864
Health Outcomes	—
Insured adults	34.04337226
Arthritis	60.6
Asthma ER Admissions	15.2
High Blood Pressure	69.1
Cancer (excluding skin)	74.5
Asthma	18.0
Coronary Heart Disease	74.7
Chronic Obstructive Pulmonary Disease	42.5
Diagnosed Diabetes	48.6
Life Expectancy at Birth	15.7
Cognitively Disabled	21.0
Physically Disabled	50.9
Heart Attack ER Admissions	6.3
Mental Health Not Good	26.2
Chronic Kidney Disease	73.0
Obesity	25.8
Pedestrian Injuries	41.3
Physical Health Not Good	37.1
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	33.9
Current Smoker	23.0



No Leisure Time for Physical Activity	40.8
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	22.0
Elderly	91.2
English Speaking	81.5
Foreign-born	37.1
Outdoor Workers	19.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	77.3
Traffic Density	30.2
Traffic Access	23.0
Other Indices	—
Hardship	67.4
Other Decision Support	—
2016 Voting	35.6

### 7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	57.0
Healthy Places Index Score for Project Location (b)	33.0
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
Construction: Construction Phases	Construction schedule approved by applicant.
Construction: Off-Road Equipment	Construction equipment assumptions approved by the applicant.
Construction: Dust From Material Movement	Per preliminary project details, approximately 81.10 acres would be graded. 23 acres graded for offsite utilities and roadway improvements.
Construction: Trips and VMT	On-road vehicle assumptions approved by applicant.
Operations: Vehicle Data	Trip details consistent with traffic report. Truck hauling distance of 62.1 miles consistent with Mojave Industrial Park Supplemental VMT Analysis (Urban Crossroads 2023).
Operations: Fleet Mix	% vehicle split consistent with traffic report.
Operations: Water and Waste Water	Landscaping for project included all within URW-NR. Water use consistent with assumptions from WSA (WSC, June 2023).
Operations: Off-Road Equipment	Operational off-road equipment consistent with SCAQMD High-Cube Warehouse Business Survey.

# MIP\_Onsite&Offsite\_PDFs\_MM Detailed Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	MIP_Onsite&Offsite_PDFs_MM
Construction Start Date	10/1/2024
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	1.40
Location	Mojave Dr & Onyx Rd, Victorville, CA 92394, USA
County	San Bernardino-Mojave Desert
City	Victorville
Air District	Mojave Desert AQMD
Air Basin	Mojave Desert
TAZ	5102
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southwest Gas Corp.
App Version	2022.1.1.20

## 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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Unrefrigerated Warehouse-No Rail	139	1000sqft	3.19	138,765	490,000	—	—	Passenger Vehicles
Unrefrigerated Warehouse-No Rail	52.6	1000sqft	1.21	52,635	—	—	—	Trucks
Unrefrigerated Warehouse-Rail	417	1000sqft	9.57	416,962	—	—	—	Passenger Vehicles
Unrefrigerated Warehouse-Rail	337	1000sqft	7.74	337,038	—	—	—	Trucks
General Heavy Industry	319	1000sqft	7.33	319,116	—	—	—	Passenger Vehicles
General Heavy Industry	86.9	1000sqft	1.99	86,884	—	—	—	Trucks
Parking Lot	1,327	Space	11.9	0.00	—	—	—	—
Other Asphalt Surfaces	1,003	1000sqft	23.0	0.00	—	—	—	—

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Water	W-7	Adopt a Water Conservation Strategy
Waste	S-1/S-2	Implement Waste Reduction Plan
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment
Area Sources	AS-2	Use Low-VOC Paints

## 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.	10.4	56.2	71.1	115	0.24	2.60	11.0	13.3	2.40	2.78	4.84	—	34,859	34,859	0.74	2.69	72.6	35,750
Mit.	7.64	26.3	45.7	119	0.24	1.09	11.0	12.1	1.03	2.78	3.81	—	34,859	34,859	0.74	2.69	72.6	35,750
% Reduced	26%	53%	36%	-3%	—	58%	—	9%	57%	—	21%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	11.2	49.7	97.1	105	0.25	3.54	11.0	13.6	3.28	2.86	6.15	—	34,522	34,522	0.78	2.70	1.95	35,347
Mit.	7.74	22.9	48.7	109	0.25	1.17	11.0	12.2	1.11	2.86	3.97	—	34,522	34,522	0.78	2.70	1.95	35,347
% Reduced	31%	54%	50%	-4%	—	67%	—	10%	66%	—	35%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.68	19.5	34.0	49.6	0.11	1.11	4.76	5.87	1.03	1.19	2.22	—	15,157	15,157	0.36	1.12	13.4	15,514
Mit.	3.30	9.78	20.9	51.6	0.11	0.51	4.76	5.27	0.48	1.19	1.68	—	15,157	15,157	0.36	1.12	13.4	15,514
% Reduced	30%	50%	39%	-4%	—	54%	—	10%	53%	—	25%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.85	3.55	6.21	9.05	0.02	0.20	0.87	1.07	0.19	0.22	0.41	—	2,509	2,509	0.06	0.19	2.21	2,569
Mit.	0.60	1.79	3.82	9.41	0.02	0.09	0.87	0.96	0.09	0.22	0.31	—	2,509	2,509	0.06	0.19	2.21	2,569
% Reduced	30%	50%	39%	-4%	—	54%	—	10%	53%	—	25%	—	—	—	—	—	—	—

## 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	10.4	56.2	71.1	115	0.24	2.60	11.0	13.3	2.40	2.78	4.84	—	34,859	34,859	0.74	2.69	72.6	35,750
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	11.2	36.0	97.1	105	0.25	3.54	11.0	13.6	3.28	2.86	6.15	—	34,522	34,522	0.78	2.70	1.95	35,347
2025	9.81	49.7	72.4	102	0.24	2.23	11.0	13.3	2.07	2.78	4.84	—	34,056	34,056	0.76	2.69	1.88	34,877
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.56	4.49	12.9	13.9	0.04	0.44	1.63	2.08	0.41	0.44	0.85	—	5,156	5,156	0.11	0.44	3.84	5,293
2025	4.68	19.5	34.0	49.6	0.11	1.11	4.76	5.87	1.03	1.19	2.22	—	15,157	15,157	0.36	1.12	13.4	15,514
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.28	0.82	2.35	2.53	0.01	0.08	0.30	0.38	0.07	0.08	0.16	—	854	854	0.02	0.07	0.64	876
2025	0.85	3.55	6.21	9.05	0.02	0.20	0.87	1.07	0.19	0.22	0.41	—	2,509	2,509	0.06	0.19	2.21	2,569

## 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	7.64	26.3	45.7	119	0.24	1.09	11.0	12.1	1.03	2.78	3.81	—	34,859	34,859	0.74	2.69	72.6	35,750
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	7.74	18.6	48.7	109	0.25	1.17	11.0	12.2	1.11	2.86	3.97	—	34,522	34,522	0.78	2.70	1.95	35,347
2025	7.09	22.9	46.9	106	0.24	1.09	11.0	12.1	1.03	2.78	3.81	—	34,056	34,056	0.76	2.69	1.88	34,877
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.87	2.18	6.63	15.1	0.04	0.16	1.63	1.80	0.16	0.44	0.60	—	5,156	5,156	0.11	0.44	3.84	5,293
2025	3.30	9.78	20.9	51.6	0.11	0.51	4.76	5.27	0.48	1.19	1.68	—	15,157	15,157	0.36	1.12	13.4	15,514
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.16	0.40	1.21	2.76	0.01	0.03	0.30	0.33	0.03	0.08	0.11	—	854	854	0.02	0.07	0.64	876
2025	0.60	1.79	3.82	9.41	0.02	0.09	0.87	0.96	0.09	0.22	0.31	—	2,509	2,509	0.06	0.19	2.21	2,569

## 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.	25.1	53.2	194	187	1.92	4.71	78.8	83.5	4.52	20.8	25.4	778	233,546	234,324	82.4	25.7	766	244,796
Mit.	14.6	42.6	193	128	1.91	4.61	78.8	83.4	4.44	20.8	25.3	209	225,078	225,287	24.8	25.6	766	234,287
% Reduced	42%	20%	< 0.5%	31%	< 0.5%	2%	—	< 0.5%	2%	—	< 0.5%	73%	4%	4%	70%	< 0.5%	—	4%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.8	42.8	203	108	1.89	4.61	78.8	83.4	4.44	20.8	25.3	778	231,252	232,030	82.4	25.7	123	241,875
Mit.	13.8	41.7	203	108	1.89	4.61	78.8	83.4	4.44	20.8	25.3	209	222,989	223,199	24.8	25.6	123	231,572
% Reduced	—	2%	—	—	—	—	—	—	—	—	—	73%	4%	4%	70%	< 0.5%	—	4%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



Unmit.	19.0	47.5	205	137	1.89	4.64	78.7	83.3	4.46	20.8	25.3	778	230,739	231,516	82.4	25.7	391	241,631
Mit.	13.8	41.7	205	108	1.89	4.59	78.7	83.3	4.42	20.8	25.3	209	222,374	222,584	24.8	25.6	391	231,227
% Reduced	27%	12%	< 0.5%	21%	< 0.5%	1%	—	< 0.5%	1%	—	< 0.5%	73%	4%	4%	70%	< 0.5%	—	4%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.46	8.68	37.4	25.0	0.34	0.85	14.4	15.2	0.81	3.80	4.62	129	38,201	38,330	13.6	4.26	64.7	40,005
Mit.	2.52	7.62	37.4	19.7	0.34	0.84	14.4	15.2	0.81	3.80	4.61	34.7	36,817	36,851	4.10	4.24	64.7	38,282
% Reduced	27%	12%	< 0.5%	21%	< 0.5%	1%	—	< 0.5%	1%	—	< 0.5%	73%	4%	4%	70%	< 0.5%	—	4%

## 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	13.5	12.1	183	114	1.84	3.86	78.8	82.6	3.69	20.8	24.5	—	193,236	193,236	0.90	25.2	660	201,441
Area	10.5	40.5	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	38,729	38,729	3.61	0.34	—	38,920
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Stationary	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	25.1	53.2	194	187	1.92	4.71	78.8	83.5	4.52	20.8	25.4	778	233,546	234,324	82.4	25.7	766	244,796
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	12.6	11.3	193	93.7	1.82	3.86	78.8	82.6	3.69	20.8	24.5	—	191,183	191,183	0.94	25.3	17.1	198,762
Area	—	30.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	38,729	38,729	3.61	0.34	—	38,920
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Stationary	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	13.8	42.8	203	108	1.89	4.61	78.8	83.4	4.44	20.8	25.3	778	231,252	232,030	82.4	25.7	123	241,875
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.8	11.4	195	99.1	1.83	3.86	78.7	82.6	3.69	20.8	24.5	—	191,637	191,637	0.95	25.3	285	199,490
Area	5.16	35.6	0.24	29.0	< 0.005	0.05	—	0.05	0.04	—	0.04	—	119	119	0.01	< 0.005	—	120
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	38,729	38,729	3.61	0.34	—	38,920
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Stationary	0.02	0.02	0.09	0.86	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	173	173	0.01	< 0.005	0.00	173
Total	19.0	47.5	205	137	1.89	4.64	78.7	83.3	4.46	20.8	25.3	778	230,739	231,516	82.4	25.7	391	241,631
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.33	2.07	35.6	18.1	0.33	0.71	14.4	15.1	0.67	3.80	4.48	—	31,728	31,728	0.16	4.19	47.2	33,028
Area	0.94	6.50	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Energy	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	6,412	6,412	0.60	0.06	—	6,444
Water	—	—	—	—	—	—	—	—	—	—	—	4.54	13.3	17.8	0.47	0.01	—	32.8
Waste	—	—	—	—	—	—	—	—	—	—	—	124	0.00	124	12.4	0.00	—	435
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5

Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Stationary	< 0.005	< 0.005	0.02	0.16	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	3.46	8.68	37.4	25.0	0.34	0.85	14.4	15.2	0.81	3.80	4.62	129	38,201	38,330	13.6	4.26	64.7	40,005

## 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	13.5	12.1	183	114	1.84	3.86	78.8	82.6	3.69	20.8	24.5	—	193,236	193,236	0.90	25.2	660	201,441
Area	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	30,519	30,519	2.83	0.24	—	30,662
Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Stationary	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	14.6	42.6	193	128	1.91	4.61	78.8	83.4	4.44	20.8	25.3	209	225,078	225,287	24.8	25.6	766	234,287
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.6	11.3	193	93.7	1.82	3.86	78.8	82.6	3.69	20.8	24.5	—	191,183	191,183	0.94	25.3	17.1	198,762
Area	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	30,483	30,483	2.83	0.24	—	30,626
Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Stationary	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	13.8	41.7	203	108	1.89	4.61	78.8	83.4	4.44	20.8	25.3	209	222,989	223,199	24.8	25.6	123	231,572
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.8	11.4	195	99.1	1.83	3.86	78.7	82.6	3.69	20.8	24.5	—	191,637	191,637	0.95	25.3	285	199,490
Area	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	30,500	30,500	2.83	0.24	—	30,644
Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Stationary	0.02	0.02	0.09	0.86	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	173	173	0.01	< 0.005	0.00	173
Total	13.8	41.7	205	108	1.89	4.59	78.7	83.3	4.42	20.8	25.3	209	222,374	222,584	24.8	25.6	391	231,227
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.33	2.07	35.6	18.1	0.33	0.71	14.4	15.1	0.67	3.80	4.48	—	31,728	31,728	0.16	4.19	47.2	33,028
Area	—	5.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	5,050	5,050	0.47	0.04	—	5,073
Water	—	—	—	—	—	—	—	—	—	—	—	3.63	10.6	14.2	0.37	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	31.1	0.00	31.1	3.10	0.00	—	109
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Stationary	< 0.005	< 0.005	0.02	0.16	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	2.52	7.62	37.4	19.7	0.34	0.84	14.4	15.2	0.81	3.80	4.61	34.7	36,817	36,851	4.10	4.24	64.7	38,282

### 3. Construction Emissions Details

#### 3.1. Site Preparation (2024) - 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	0.53	0.45	4.04	4.43	0.01	0.27	—	0.27	0.25	—	0.25	—	639	639	0.03	0.01	—	642
Dust From Material Movement:	—	—	—	—	—	—	0.21	0.21	—	0.02	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.5	17.5	< 0.005	< 0.005	—	17.6
Dust From Material Movement:	—	—	—	—	—	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.90	2.90	< 0.005	< 0.005	—	2.91

Dust From Material Movement:	—	—	—	—	—	—	< 0.005	< 0.005	—	< 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	0.11	0.10	0.12	1.21	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	264	264	0.01	0.01	0.03	267
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	130	130	< 0.005	0.02	0.01	135
Hauling	0.36	0.25	15.1	3.21	0.08	0.24	3.29	3.53	0.24	0.84	1.08	—	12,687	12,687	0.01	1.99	0.70	13,283
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.44	7.44	< 0.005	< 0.005	0.01	7.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.70
Hauling	0.01	0.01	0.41	0.09	< 0.005	0.01	0.09	0.10	0.01	0.02	0.03	—	347	347	< 0.005	0.05	0.32	364
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.23	1.23	< 0.005	< 0.005	< 0.005	1.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.61
Hauling	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	57.5	57.5	< 0.005	0.01	0.05	60.3

### 3.2. Site Preparation (2024) - 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	0.31	4.47	0.01	0.01	—	0.01	0.01	—	0.01	—	639	639	0.03	0.01	—	642
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.02	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.5	17.5	< 0.005	< 0.005	—	17.6
Dust From Material Movement	—	—	—	—	—	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.90	2.90	< 0.005	< 0.005	—	2.91
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 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	0.11	0.10	0.12	1.21	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	264	264	0.01	0.01	0.03	267
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	130	130	< 0.005	0.02	0.01	135
Hauling	0.36	0.25	15.1	3.21	0.08	0.24	3.29	3.53	0.24	0.84	1.08	—	12,687	12,687	0.01	1.99	0.70	13,283
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.44	7.44	< 0.005	< 0.005	0.01	7.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.70
Hauling	0.01	0.01	0.41	0.09	< 0.005	0.01	0.09	0.10	0.01	0.02	0.03	—	347	347	< 0.005	0.05	0.32	364
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.23	1.23	< 0.005	< 0.005	< 0.005	1.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.61
Hauling	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	57.5	57.5	< 0.005	0.01	0.05	60.3

### 3.3. Mass Grading (2024) - 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	6.13	5.15	50.7	42.4	0.10	2.08	—	2.08	1.92	—	1.92	—	10,387	10,387	0.42	0.08	—	10,422



Dust From Material Movement:	—	—	—	—	—	—	4.48	4.48	—	1.52	1.52	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.50	0.42	4.17	3.49	0.01	0.17	—	0.17	0.16	—	0.16	—	854	854	0.03	0.01	—	857
Dust From Material Movement:	—	—	—	—	—	—	0.37	0.37	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.09	0.08	0.76	0.64	< 0.005	0.03	—	0.03	0.03	—	0.03	—	141	141	0.01	< 0.005	—	142
Dust From Material Movement:	—	—	—	—	—	—	0.07	0.07	—	0.02	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.15	0.18	1.82	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	396	396	0.02	0.01	0.05	400
Vendor	0.01	0.01	0.29	0.12	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	260	260	< 0.005	0.03	0.02	270
Hauling	0.35	0.24	14.8	3.14	0.08	0.24	3.22	3.46	0.24	0.83	1.06	—	12,408	12,408	0.01	1.95	0.68	12,991

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.5	33.5	< 0.005	< 0.005	0.06	33.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.4	21.4	< 0.005	< 0.005	0.02	22.2
Hauling	0.03	0.02	1.21	0.25	0.01	0.02	0.26	0.28	0.02	0.07	0.09	—	1,019	1,019	< 0.005	0.16	0.93	1,068
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.54	5.54	< 0.005	< 0.005	0.01	5.62
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.54	3.54	< 0.005	< 0.005	< 0.005	3.68
Hauling	0.01	< 0.005	0.22	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	169	169	< 0.005	0.03	0.15	177

### 3.4. Mass Grading (2024) - 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	1.19	1.15	6.65	54.0	0.10	0.25	—	0.25	0.24	—	0.24	—	10,387	10,387	0.42	0.08	—	10,422
Dust From Material Movement	—	—	—	—	—	—	4.48	4.48	—	1.52	1.52	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.09	0.55	4.44	0.01	0.02	—	0.02	0.02	—	0.02	—	854	854	0.03	0.01	—	857

Dust From Material Movement:	—	—	—	—	—	—	0.37	0.37	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.10	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	142
Dust From Material Movement:	—	—	—	—	—	—	0.07	0.07	—	0.02	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.15	0.18	1.82	0.00	0.00	0.39	0.39	0.00	0.09	0.09	—	396	396	0.02	0.01	0.05	400
Vendor	0.01	0.01	0.29	0.12	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	260	260	< 0.005	0.03	0.02	270
Hauling	0.35	0.24	14.8	3.14	0.08	0.24	3.22	3.46	0.24	0.83	1.06	—	12,408	12,408	0.01	1.95	0.68	12,991
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.5	33.5	< 0.005	< 0.005	0.06	33.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.4	21.4	< 0.005	< 0.005	0.02	22.2
Hauling	0.03	0.02	1.21	0.25	0.01	0.02	0.26	0.28	0.02	0.07	0.09	—	1,019	1,019	< 0.005	0.16	0.93	1,068
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.54	5.54	< 0.005	< 0.005	0.01	5.62
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.54	3.54	< 0.005	< 0.005	< 0.005	3.68

Hauling	0.01	< 0.005	0.22	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	169	169	< 0.005	0.03	0.15	177
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### 3.5. Building Construction (2024) - 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	3.18	2.66	25.6	32.1	0.05	1.09	—	1.09	1.00	—	1.00	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.22	0.19	1.80	2.26	< 0.005	0.08	—	0.08	0.07	—	0.07	—	376	376	0.02	< 0.005	—	377
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.04	0.03	0.33	0.41	< 0.005	0.01	—	0.01	0.01	—	0.01	—	62.2	62.2	< 0.005	< 0.005	—	62.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	2.28	2.07	2.50	24.6	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,353	5,353	0.26	0.20	0.62	5,420
Vendor	0.72	0.55	17.1	7.40	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,533	15,533	0.03	2.05	1.08	16,146
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	0.16	0.15	0.18	1.95	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	388	388	0.02	0.01	0.72	394
Vendor	0.05	0.04	1.21	0.51	0.01	0.02	0.29	0.30	0.02	0.08	0.09	—	1,094	1,094	< 0.005	0.14	1.27	1,138
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	0.03	0.36	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.3	64.3	< 0.005	< 0.005	0.12	65.2
Vendor	0.01	0.01	0.22	0.09	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	181	181	< 0.005	0.02	0.21	188
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

### 3.6. Building Construction (2024) - 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	1.36	1.19	9.14	34.7	0.05	0.29	—	0.29	0.27	—	0.27	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.64	2.44	< 0.005	0.02	—	0.02	0.02	—	0.02	—	376	376	0.02	< 0.005	—	377
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.12	0.45	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	62.2	62.2	< 0.005	< 0.005	—	62.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	2.28	2.07	2.50	24.6	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,353	5,353	0.26	0.20	0.62	5,420
Vendor	0.72	0.55	17.1	7.40	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,533	15,533	0.03	2.05	1.08	16,146
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	0.16	0.15	0.18	1.95	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	388	388	0.02	0.01	0.72	394
Vendor	0.05	0.04	1.21	0.51	0.01	0.02	0.29	0.30	0.02	0.08	0.09	—	1,094	1,094	< 0.005	0.14	1.27	1,138
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	0.03	0.36	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.3	64.3	< 0.005	< 0.005	0.12	65.2
Vendor	0.01	0.01	0.22	0.09	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	181	181	< 0.005	0.02	0.21	188
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

## 3.7. Building Construction (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	2.97	2.48	24.0	32.0	0.05	0.93	—	0.93	0.86	—	0.86	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	2.97	2.48	24.0	32.0	0.05	0.93	—	0.93	0.86	—	0.86	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.24	1.04	10.0	13.3	0.02	0.39	—	0.39	0.36	—	0.36	—	2,224	2,224	0.09	0.02	—	2,231
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.23	0.19	1.83	2.43	< 0.005	0.07	—	0.07	0.07	—	0.07	—	368	368	0.01	< 0.005	—	369
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	2.43	2.22	1.97	33.7	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,922	5,922	0.24	0.20	21.6	6,010
Vendor	0.65	0.59	15.5	6.77	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,226	15,226	0.03	2.04	41.7	15,877
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	2.03	1.82	2.15	22.6	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,242	5,242	0.26	0.20	0.56	5,309
Vendor	0.58	0.54	16.4	6.89	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,243	15,243	0.03	2.04	1.08	15,852
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	0.85	0.76	0.97	10.5	0.00	0.00	2.21	2.21	0.00	0.52	0.52	—	2,250	2,250	0.11	0.08	3.90	2,281
Vendor	0.26	0.24	6.82	2.84	0.05	0.09	1.70	1.79	0.09	0.47	0.56	—	6,350	6,350	0.01	0.85	7.50	6,611
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	0.16	0.14	0.18	1.92	0.00	0.00	0.40	0.40	0.00	0.09	0.09	—	372	372	0.02	0.01	0.65	378
Vendor	0.05	0.04	1.24	0.52	0.01	0.02	0.31	0.33	0.02	0.09	0.10	—	1,051	1,051	< 0.005	0.14	1.24	1,095
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

### 3.8. Building Construction (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	1.32	1.16	9.04	34.6	0.05	0.27	—	0.27	0.26	—	0.26	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.32	1.16	9.04	34.6	0.05	0.27	—	0.27	0.26	—	0.26	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.55	0.48	3.77	14.4	0.02	0.11	—	0.11	0.11	—	0.11	—	2,224	2,224	0.09	0.02	—	2,231
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.10	0.09	0.69	2.64	< 0.005	0.02	—	0.02	0.02	—	0.02	—	368	368	0.01	< 0.005	—	369
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	2.43	2.22	1.97	33.7	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,922	5,922	0.24	0.20	21.6	6,010
Vendor	0.65	0.59	15.5	6.77	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,226	15,226	0.03	2.04	41.7	15,877
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	2.03	1.82	2.15	22.6	0.00	0.00	5.31	5.31	0.00	1.24	1.24	—	5,242	5,242	0.26	0.20	0.56	5,309

Vendor	0.58	0.54	16.4	6.89	0.12	0.21	4.09	4.30	0.21	1.13	1.34	—	15,243	15,243	0.03	2.04	1.08	15,852
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	0.85	0.76	0.97	10.5	0.00	0.00	2.21	2.21	0.00	0.52	0.52	—	2,250	2,250	0.11	0.08	3.90	2,281
Vendor	0.26	0.24	6.82	2.84	0.05	0.09	1.70	1.79	0.09	0.47	0.56	—	6,350	6,350	0.01	0.85	7.50	6,611
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	0.16	0.14	0.18	1.92	0.00	0.00	0.40	0.40	0.00	0.09	0.09	—	372	372	0.02	0.01	0.65	378
Vendor	0.05	0.04	1.24	0.52	0.01	0.02	0.31	0.33	0.02	0.09	0.10	—	1,051	1,051	< 0.005	0.14	1.24	1,095
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

### 3.9. Onsite Paving (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	5.57	4.68	41.7	54.9	0.08	1.94	—	1.94	1.79	—	1.79	—	8,265	8,265	0.34	0.07	—	8,294
Onsite truck	0.00	0.00	0.00	0.00	0.00	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	0.38	3.43	4.51	0.01	0.16	—	0.16	0.15	—	0.15	—	679	679	0.03	0.01	—	682

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.08	0.07	0.63	0.82	< 0.005	0.03	—	0.03	0.03	—	0.03	—	112	112	< 0.005	< 0.005	—	113	
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.34	5.81	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	1,021	1,021	0.04	0.03	3.73	1,036	
Vendor	0.07	0.06	1.62	0.71	0.01	0.02	0.43	0.45	0.02	0.12	0.14	—	1,593	1,593	< 0.005	0.21	4.36	1,661	
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.03	0.03	0.03	0.36	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	76.5	76.5	< 0.005	< 0.005	0.13	77.6	
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	131	131	< 0.005	0.02	0.15	136	
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	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.7	12.7	< 0.005	< 0.005	0.02	12.8	
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.7	21.7	< 0.005	< 0.005	0.03	22.6	
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	

### 3.10. Onsite Paving (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
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Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.02	2.63	16.3	58.0	0.08	0.72	—	0.72	0.67	—	0.67	—	8,265	8,265	0.34	0.07	—	8,294
Onsite truck	0.00	0.00	0.00	0.00	0.00	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.22	1.34	4.77	0.01	0.06	—	0.06	0.06	—	0.06	—	679	679	0.03	0.01	—	682
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.04	0.25	0.87	< 0.005	0.01	—	0.01	0.01	—	0.01	—	112	112	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.34	5.81	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	1,021	1,021	0.04	0.03	3.73	1,036
Vendor	0.07	0.06	1.62	0.71	0.01	0.02	0.43	0.45	0.02	0.12	0.14	—	1,593	1,593	< 0.005	0.21	4.36	1,661
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.36	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	76.5	76.5	< 0.005	< 0.005	0.13	77.6
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	131	131	< 0.005	0.02	0.15	136
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	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.7	12.7	< 0.005	< 0.005	0.02	12.8
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.7	21.7	< 0.005	< 0.005	0.03	22.6
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

### 3.11. Offsite Paving (Continual and Final) (2024) - 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	1.52	1.28	11.7	15.0	0.02	0.58	—	0.58	0.54	—	0.54	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.18	0.15	1.40	1.80	< 0.005	0.07	—	0.07	0.06	—	0.06	—	271	271	0.01	< 0.005	—	272
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.26	0.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.8	44.8	< 0.005	< 0.005	—	45.0	
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.13	0.12	0.15	1.45	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	316	316	0.02	0.01	0.04	320	
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203	
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	0.02	0.19	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.9	38.9	< 0.005	< 0.005	0.07	39.4	
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2	
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	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.44	6.44	< 0.005	< 0.005	0.01	6.53	
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01	
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. Offsite Paving (Continual and Final) (2024) - 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	0.71	0.62	3.67	16.0	0.02	0.17	—	0.17	0.16	—	0.16	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.07	0.44	1.91	< 0.005	0.02	—	0.02	0.02	—	0.02	—	271	271	0.01	< 0.005	—	272
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.8	44.8	< 0.005	< 0.005	—	45.0
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.13	0.12	0.15	1.45	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	316	316	0.02	0.01	0.04	320
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203
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	0.02	0.19	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.9	38.9	< 0.005	< 0.005	0.07	39.4
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2
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	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.44	6.44	< 0.005	< 0.005	0.01	6.53
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01
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. Offsite Paving (Continual and Final) (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	1.43	1.20	11.2	15.0	0.02	0.52	—	0.52	0.48	—	0.48	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.43	1.20	11.2	15.0	0.02	0.52	—	0.52	0.48	—	0.48	—	2,267	2,267	0.09	0.02	—	2,275



Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.74	0.62	5.80	7.76	0.01	0.27	—	0.27	0.25	—	0.25	—	1,176	1,176	0.05	0.01	—	1,180
Paving	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.14	0.11	1.06	1.42	< 0.005	0.05	—	0.05	0.05	—	0.05	—	195	195	0.01	< 0.005	—	195
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	0.14	0.13	0.12	1.99	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	350	350	0.01	0.01	1.28	355
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
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	0.12	0.11	0.13	1.34	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	310	310	0.02	0.01	0.03	314
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
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	0.07	0.78	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	165	165	0.01	0.01	0.29	168

Vendor	< 0.005	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	99.2	99.2	< 0.005	0.01	0.12	103
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	—	27.4	27.4	< 0.005	< 0.005	0.05	27.8
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.4	16.4	< 0.005	< 0.005	0.02	17.1
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. Offsite Paving (Continual and Final) (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	0.66	0.59	3.57	15.9	0.02	0.16	—	0.16	0.15	—	0.15	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.66	0.59	3.57	15.9	0.02	0.16	—	0.16	0.15	—	0.15	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.34	0.30	1.85	8.25	0.01	0.08	—	0.08	0.08	—	0.08	—	1,176	1,176	0.05	0.01	—	1,180

Paving	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.06	0.34	1.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	195	195	0.01	< 0.005	—	195
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	0.14	0.13	0.12	1.99	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	350	350	0.01	0.01	1.28	355
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
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	0.12	0.11	0.13	1.34	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	310	310	0.02	0.01	0.03	314
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
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	0.07	0.78	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	165	165	0.01	0.01	0.29	168
Vendor	< 0.005	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	99.2	99.2	< 0.005	0.01	0.12	103
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	—	27.4	27.4	< 0.005	< 0.005	0.05	27.8
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.4	16.4	< 0.005	< 0.005	0.02	17.1

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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### 3.15. Testing (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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536	
Architectural Coatings	—	21.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536	
Architectural Coatings	—	21.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.78	8.78	< 0.005	< 0.005	—	8.81	
Architectural Coatings	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	1.45	1.45	< 0.005	< 0.005	—	1.46
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.09	1.49	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	263	263	0.01	0.01	0.96	266	
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	0.10	1.00	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	232	232	0.01	0.01	0.02	235	
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	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.93	3.93	< 0.005	< 0.005	0.01	3.99	
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.65	0.65	< 0.005	< 0.005	< 0.005	0.66	
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
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### 3.16. Testing (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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536	
Architect ural Coatings	—	9.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536	
Architect ural Coatings	—	9.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.78	8.78	< 0.005	< 0.005	—	8.81	
Architect ural Coatings	—	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	1.45	1.45	< 0.005	< 0.005	—	1.46
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.09	1.49	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	263	263	0.01	0.01	0.96	266	
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	0.10	1.00	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	232	232	0.01	0.01	0.02	235	
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	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.93	3.93	< 0.005	< 0.005	0.01	3.99	
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.65	0.65	< 0.005	< 0.005	< 0.005	0.66	
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
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### 3.17. Architectural Coating (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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735
Architect ural Coatings	—	25.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735
Architect ural Coatings	—	25.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.02	0.02	0.15	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.1	26.1	< 0.005	< 0.005	—	26.2
Architect ural Coatings	—	0.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	4.32	4.32	< 0.005	< 0.005	—	4.34
Architectural Coatings	—	0.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	1.37	1.26	1.12	19.1	0.00	0.00	3.01	3.01	0.00	0.70	0.70	—	3,355	3,355	0.13	0.11	12.3	3,405	
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	1.15	1.03	1.22	12.8	0.00	0.00	3.01	3.01	0.00	0.70	0.70	—	2,970	2,970	0.14	0.11	0.32	3,008	
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	0.04	0.04	0.05	0.51	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	109	109	0.01	< 0.005	0.19	110	
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	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.0	18.0	< 0.005	< 0.005	0.03	18.3	
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
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### 3.18. Architectural Coating (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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735	
Architect ural Coatings	—	11.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735	
Architect ural Coatings	—	11.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.02	0.02	0.15	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.1	26.1	< 0.005	< 0.005	—	26.2	
Architect ural Coatings	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	4.32	4.32	< 0.005	< 0.005	—	4.34
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	1.37	1.26	1.12	19.1	0.00	0.00	3.01	3.01	0.00	0.70	0.70	—	3,355	3,355	0.13	0.11	12.3	3,405	
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	1.15	1.03	1.22	12.8	0.00	0.00	3.01	3.01	0.00	0.70	0.70	—	2,970	2,970	0.14	0.11	0.32	3,008	
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	0.04	0.04	0.05	0.51	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	109	109	0.01	< 0.005	0.19	110	
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	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.0	18.0	< 0.005	< 0.005	0.03	18.3	
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
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### 3.19. Offsite Architectural Coating (Striping) (2024) - 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	0.66	0.55	3.63	4.59	0.01	0.13	—	0.13	0.12	—	0.12	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	26.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.43	0.55	< 0.005	0.02	—	0.02	0.01	—	0.01	—	63.8	63.8	< 0.005	< 0.005	—	64.0
Architectural Coatings	—	3.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.6

Architectural Coatings	—	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.07	0.06	0.07	0.73	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	158	158	0.01	0.01	0.02	160
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203
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	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.4	19.4	< 0.005	< 0.005	0.04	19.7
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	0.01	3.26
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01
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. Offsite Architectural Coating (Striping) (2024) - 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	0.66	0.55	3.63	4.59	0.01	0.13	—	0.13	0.12	—	0.12	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	11.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.07	0.43	0.55	< 0.005	0.02	—	0.02	0.01	—	0.01	—	63.8	63.8	< 0.005	< 0.005	—	64.0
Architectural Coatings	—	1.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.6
Architectural Coatings	—	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.07	0.06	0.07	0.73	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	158	158	0.01	0.01	0.02	160
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203
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	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.4	19.4	< 0.005	< 0.005	0.04	19.7
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	0.01	3.26
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01
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. Offsite Architectural Coating (Striping) (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	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architect ural Coatings	—	26.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	26.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.27	1.88	2.43	< 0.005	0.06	—	0.06	0.05	—	0.05	—	284	284	0.01	< 0.005	—	285
Architectural Coatings	—	14.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.05	0.34	0.44	< 0.005	0.01	—	0.01	0.01	—	0.01	—	47.1	47.1	< 0.005	< 0.005	—	47.2
Architectural Coatings	—	2.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.07	0.07	0.06	1.00	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	175	175	0.01	0.01	0.64	178
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
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	0.06	0.67	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	155	155	0.01	0.01	0.02	157
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
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	0.04	0.40	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	84.9	84.9	< 0.005	< 0.005	0.15	86.1
Vendor	< 0.005	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	102	102	< 0.005	0.01	0.12	106
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	—	14.1	14.1	< 0.005	< 0.005	0.02	14.3
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.9	16.9	< 0.005	< 0.005	0.02	17.5
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. Offsite Architectural Coating (Striping) (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	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architect ural Coatings	—	11.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	11.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.33	0.27	1.88	2.43	< 0.005	0.06	—	0.06	0.05	—	0.05	—	284	284	0.01	< 0.005	—	285
Architectural Coatings	—	6.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.05	0.34	0.44	< 0.005	0.01	—	0.01	0.01	—	0.01	—	47.1	47.1	< 0.005	< 0.005	—	47.2
Architectural Coatings	—	1.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.07	0.07	0.06	1.00	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	175	175	0.01	0.01	0.64	178
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
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	0.06	0.67	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	155	155	0.01	0.01	0.02	157
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
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	0.04	0.40	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	84.9	84.9	< 0.005	< 0.005	0.15	86.1
Vendor	< 0.005	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	102	102	< 0.005	0.01	0.12	106
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	—	14.1	14.1	< 0.005	< 0.005	0.02	14.3
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.9	16.9	< 0.005	< 0.005	0.02	17.5
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. Offsite Road Removal/Utility Install (2024) - 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	1.81	1.50	12.8	15.7	0.02	0.48	—	0.48	0.44	—	0.44	—	2,274	2,274	0.09	0.02	—	2,282

Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.18	1.53	1.87	< 0.005	0.06	—	0.06	0.05	—	0.05	—	271	271	0.01	< 0.005	—	272
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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	0.04	0.03	0.28	0.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.9	44.9	< 0.005	< 0.005	—	45.1
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.24	0.30	2.91	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	633	633	0.03	0.02	0.07	641
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203
Hauling	0.04	0.03	1.82	0.39	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,534	1,534	< 0.005	0.24	0.08	1,606

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.04	0.39	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	77.8	77.8	< 0.005	< 0.005	0.14	78.9
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2
Hauling	0.01	< 0.005	0.22	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	183	183	< 0.005	0.03	0.17	192
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.9	12.9	< 0.005	< 0.005	0.02	13.1
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01
Hauling	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.3	30.3	< 0.005	< 0.005	0.03	31.7

### 3.24. Offsite Road Removal/Utility Install (2024) - 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	1.47	1.23	9.61	16.0	0.02	0.33	—	0.33	0.31	—	0.31	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.15	1.91	< 0.005	0.04	—	0.04	0.04	—	0.04	—	271	271	0.01	< 0.005	—	272

Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	
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	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.03	0.03	0.21	0.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.9	44.9	< 0.005	< 0.005	—	45.1
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	
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	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.27	0.24	0.30	2.91	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	633	633	0.03	0.02	0.07	641
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	195	195	< 0.005	0.03	0.01	203
Hauling	0.04	0.03	1.82	0.39	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,534	1,534	< 0.005	0.24	0.08	1,606
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.03	0.03	0.04	0.39	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	77.8	77.8	< 0.005	< 0.005	0.14	78.9
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.3	23.3	< 0.005	< 0.005	0.03	24.2
Hauling	0.01	< 0.005	0.22	0.05	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	183	183	< 0.005	0.03	0.17	192
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.9	12.9	< 0.005	< 0.005	0.02	13.1
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	< 0.005	4.01

Hauling	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.3	30.3	< 0.005	< 0.005	0.03	31.7
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### 3.25. Offsite Road Removal/Utility Install (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	1.71	1.42	12.3	15.6	0.02	0.41	—	0.41	0.38	—	0.38	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.71	1.42	12.3	15.6	0.02	0.41	—	0.41	0.38	—	0.38	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.43	3.71	4.70	0.01	0.12	—	0.12	0.11	—	0.11	—	685	685	0.03	0.01	—	688

Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	
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	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.09	0.08	0.68	0.86	< 0.005	0.02	—	0.02	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	114
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	
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	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.29	0.26	0.23	3.99	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	700	700	0.03	0.02	2.56	711
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
Hauling	0.04	0.03	1.68	0.37	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,501	1,501	< 0.005	0.24	3.23	1,576
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.24	0.21	0.25	2.68	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	620	620	0.03	0.02	0.07	628
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
Hauling	0.03	0.03	1.78	0.38	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,502	1,502	< 0.005	0.24	0.08	1,574
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.07	0.07	0.08	0.90	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	192	192	0.01	0.01	0.33	195
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	57.6	57.6	< 0.005	0.01	0.07	60.0
Hauling	0.01	0.01	0.54	0.11	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	453	453	< 0.005	0.07	0.42	475



Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.16	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.8	31.8	< 0.005	< 0.005	0.06	32.3
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.54	9.54	< 0.005	< 0.005	0.01	9.93
Hauling	< 0.005	< 0.005	0.10	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	74.9	74.9	< 0.005	0.01	0.07	78.6

### 3.26. Offsite Road Removal/Utility Install (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	1.41	1.18	9.42	16.0	0.02	0.30	—	0.30	0.28	—	0.28	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.18	9.42	16.0	0.02	0.30	—	0.30	0.28	—	0.28	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.42	0.36	2.84	4.81	0.01	0.09	—	0.09	0.08	—	0.08	—	685	685	0.03	0.01	—	688
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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	0.08	0.06	0.52	0.88	< 0.005	0.02	—	0.02	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	114
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.29	0.26	0.23	3.99	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	700	700	0.03	0.02	2.56	711
Vendor	0.01	0.01	0.19	0.08	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.52	199
Hauling	0.04	0.03	1.68	0.37	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,501	1,501	< 0.005	0.24	3.23	1,576
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.21	0.25	2.68	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	620	620	0.03	0.02	0.07	628
Vendor	0.01	0.01	0.21	0.09	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	191	191	< 0.005	0.03	0.01	199
Hauling	0.03	0.03	1.78	0.38	0.01	0.03	0.40	0.43	0.03	0.10	0.13	—	1,502	1,502	< 0.005	0.24	0.08	1,574
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.08	0.90	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	192	192	0.01	0.01	0.33	195

Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	57.6	57.6	< 0.005	0.01	0.07	60.0
Hauling	0.01	0.01	0.54	0.11	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	453	453	< 0.005	0.07	0.42	475
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.16	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.8	31.8	< 0.005	< 0.005	0.06	32.3
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.54	9.54	< 0.005	< 0.005	0.01	9.93
Hauling	< 0.005	< 0.005	0.10	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	74.9	74.9	< 0.005	0.01	0.07	78.6

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.05	0.95	14.9	9.59	0.17	0.32	6.52	6.84	0.31	1.72	2.03	—	17,405	17,405	0.08	2.30	49.7	18,142
Unrefrigerated Warehouse-Rail	5.65	5.00	101	44.0	0.96	2.15	38.6	40.8	2.06	10.3	12.3	—	101,098	101,098	0.37	13.9	343	105,587
General Heavy Industry	6.77	6.14	67.1	60.6	0.72	1.39	33.6	35.0	1.33	8.85	10.2	—	74,733	74,733	0.46	9.07	267	77,712
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	13.5	12.1	183	114	1.84	3.86	78.8	82.6	3.69	20.8	24.5	—	193,236	193,236	0.90	25.2	660	201,441	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unrefrigerated Warehouse-No Rail	0.98	0.87	15.7	7.69	0.16	0.32	6.52	6.84	0.31	1.72	2.03	—	17,214	17,214	0.08	2.30	1.29	17,904	
Unrefrigerated Warehouse-Rail	5.37	4.72	106	37.9	0.96	2.15	38.6	40.8	2.06	10.3	12.3	—	100,500	100,500	0.38	13.9	8.90	104,661	
General Heavy Industry	6.29	5.66	70.7	48.1	0.70	1.39	33.6	35.0	1.33	8.85	10.2	—	73,469	73,469	0.48	9.09	6.93	76,197	
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	12.6	11.3	193	93.7	1.82	3.86	78.8	82.6	3.69	20.8	24.5	—	191,183	191,183	0.94	25.3	17.1	198,762	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unrefrigerated Warehouse-No Rail	0.18	0.16	2.91	1.50	0.03	0.06	1.19	1.25	0.06	0.31	0.37	—	2,857	2,857	0.01	0.38	3.55	2,975	
Unrefrigerated Warehouse-Rail	0.99	0.87	19.6	7.19	0.17	0.39	7.04	7.43	0.38	1.87	2.25	—	16,660	16,660	0.06	2.30	24.5	17,372	

General Heavy Industry	1.16	1.04	13.1	9.39	0.13	0.25	6.14	6.39	0.24	1.61	1.86	—	12,211	12,211	0.08	1.51	19.1	12,681
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	2.33	2.07	35.6	18.1	0.33	0.71	14.4	15.1	0.67	3.80	4.48	—	31,728	31,728	0.16	4.19	47.2	33,028

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.05	0.95	14.9	9.59	0.17	0.32	6.52	6.84	0.31	1.72	2.03	—	17,405	17,405	0.08	2.30	49.7	18,142
Unrefrigerated Warehouse-Rail	5.65	5.00	101	44.0	0.96	2.15	38.6	40.8	2.06	10.3	12.3	—	101,098	101,098	0.37	13.9	343	105,587
General Heavy Industry	6.77	6.14	67.1	60.6	0.72	1.39	33.6	35.0	1.33	8.85	10.2	—	74,733	74,733	0.46	9.07	267	77,712
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	13.5	12.1	183	114	1.84	3.86	78.8	82.6	3.69	20.8	24.5	—	193,236	193,236	0.90	25.2	660	201,441

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.98	0.87	15.7	7.69	0.16	0.32	6.52	6.84	0.31	1.72	2.03	—	17,214	17,214	0.08	2.30	1.29	17,904
Unrefrigerated Warehouse-Rail	5.37	4.72	106	37.9	0.96	2.15	38.6	40.8	2.06	10.3	12.3	—	100,500	100,500	0.38	13.9	8.90	104,661
General Heavy Industry	6.29	5.66	70.7	48.1	0.70	1.39	33.6	35.0	1.33	8.85	10.2	—	73,469	73,469	0.48	9.09	6.93	76,197
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	12.6	11.3	193	93.7	1.82	3.86	78.8	82.6	3.69	20.8	24.5	—	191,183	191,183	0.94	25.3	17.1	198,762
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.18	0.16	2.91	1.50	0.03	0.06	1.19	1.25	0.06	0.31	0.37	—	2,857	2,857	0.01	0.38	3.55	2,975
Unrefrigerated Warehouse-Rail	0.99	0.87	19.6	7.19	0.17	0.39	7.04	7.43	0.38	1.87	2.25	—	16,660	16,660	0.06	2.30	24.5	17,372
General Heavy Industry	1.16	1.04	13.1	9.39	0.13	0.25	6.14	6.39	0.24	1.61	1.86	—	12,211	12,211	0.08	1.51	19.1	12,681
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	2.33	2.07	35.6	18.1	0.33	0.71	14.4	15.1	0.67	3.80	4.48	—	31,728	31,728	0.16	4.19	47.2	33,028	

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	838	838	0.08	0.01	—	843
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	3,303	3,303	0.31	0.04	—	3,322
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,673	3,673	0.35	0.04	—	3,694
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	432	432	0.04	< 0.005	—	435
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	19,143	19,143	1.82	0.22	—	19,254
Total	—	—	—	—	—	—	—	—	—	—	—	—	27,389	27,389	2.61	0.32	—	27,549

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	838	838	0.08	0.01	—	843
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	3,303	3,303	0.31	0.04	—	3,322
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,673	3,673	0.35	0.04	—	3,694
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	432	432	0.04	< 0.005	—	435
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	19,143	19,143	1.82	0.22	—	19,254
Total	—	—	—	—	—	—	—	—	—	—	—	—	27,389	27,389	2.61	0.32	—	27,549
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	139	139	0.01	< 0.005	—	140
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	547	547	0.05	0.01	—	550
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	608	608	0.06	0.01	—	612



Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	71.6	71.6	0.01	< 0.005	—	72.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	3,169	3,169	0.30	0.04	—	3,188
Total	—	—	—	—	—	—	—	—	—	—	—	—	4,535	4,535	0.43	0.05	—	4,561

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	5.09	5.09	< 0.005	< 0.005	—	5.12
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	20.1	20.1	< 0.005	< 0.005	—	20.2
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	10.8	10.8	< 0.005	< 0.005	—	10.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	19,143	19,143	1.82	0.22	—	19,254

Total	—	—	—	—	—	—	—	—	—	—	—	—	19,178	19,178	1.83	0.22	—	19,290
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	19,143	19,143	1.82	0.22	—	19,254
Total	—	—	—	—	—	—	—	—	—	—	—	—	19,143	19,143	1.82	0.22	—	19,254
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.42	0.42	< 0.005	< 0.005	—	0.42
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	1.64	1.64	< 0.005	< 0.005	—	1.65

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.88	0.88	< 0.005	< 0.005	—	0.89
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	3,169	3,169	0.30	0.04	—	3,188
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,172	3,172	0.30	0.04	—	3,191

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.02	0.01	0.18	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	193	193	0.02	< 0.005	—	194
Unrefrigerated Warehouse-Rail	0.08	0.04	0.70	0.59	< 0.005	0.05	—	0.05	0.05	—	0.05	—	761	761	0.07	< 0.005	—	763

General Heavy Industry	0.09	0.05	0.85	0.72	0.01	0.06	—	0.06	0.06	—	0.06	—	924	924	0.08	< 0.005	—	926
Parking Lot	0.00	0.00	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	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	1,877	1,877	0.17	< 0.005	—	1,883

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.02	0.01	0.18	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	193	193	0.02	< 0.005	—	194
Unrefrigerated Warehouse-Rail	0.08	0.04	0.70	0.59	< 0.005	0.05	—	0.05	0.05	—	0.05	—	761	761	0.07	< 0.005	—	763
General Heavy Industry	0.09	0.05	0.85	0.72	0.01	0.06	—	0.06	0.06	—	0.06	—	924	924	0.08	< 0.005	—	926
Parking Lot	0.00	0.00	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	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	1,877	1,877	0.17	< 0.005	—	1,883

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	10.5	9.65	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Total	10.5	40.5	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	30.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.94	0.87	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Total	0.94	6.50	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



Architectural Coatings	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	5.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.88	13.1	16.9	0.40	0.01	—	29.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	15.3	43.6	58.9	1.57	0.04	—	109
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	8.23	23.5	31.7	0.85	0.02	—	58.9

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.88	13.1	16.9	0.40	0.01	—	29.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	15.3	43.6	58.9	1.57	0.04	—	109
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	8.23	23.5	31.7	0.85	0.02	—	58.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.64	2.16	2.81	0.07	< 0.005	—	4.93

Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	2.53	7.22	9.75	0.26	0.01	—	18.1
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	1.36	3.89	5.25	0.14	< 0.005	—	9.76
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	4.54	13.3	17.8	0.47	0.01	—	32.8

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.11	10.4	13.6	0.32	0.01	—	23.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	12.2	34.9	47.1	1.26	0.03	—	87.6
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	6.59	18.8	25.4	0.68	0.02	—	47.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.11	10.4	13.6	0.32	0.01	—	23.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	12.2	34.9	47.1	1.26	0.03	—	87.6
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	6.59	18.8	25.4	0.68	0.02	—	47.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.51	1.73	2.24	0.05	< 0.005	—	3.95
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	2.03	5.77	7.80	0.21	0.01	—	14.5

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	1.09	3.11	4.20	0.11	< 0.005	—	7.81
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	3.63	10.6	14.2	0.37	0.01	—	26.2

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	97.0	0.00	97.0	9.69	0.00	—	339
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	382	0.00	382	38.2	0.00	—	1,336
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	271	0.00	271	27.1	0.00	—	949
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	97.0	0.00	97.0	9.69	0.00	—	339
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	382	0.00	382	38.2	0.00	—	1,336
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	271	0.00	271	27.1	0.00	—	949
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	16.1	0.00	16.1	1.60	0.00	—	56.2
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	63.2	0.00	63.2	6.32	0.00	—	221

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	44.9	0.00	44.9	4.49	0.00	—	157
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	124	0.00	124	12.4	0.00	—	435

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	24.2	0.00	24.2	2.42	0.00	—	84.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	95.5	0.00	95.5	9.54	0.00	—	334
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	67.8	0.00	67.8	6.78	0.00	—	237
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	24.2	0.00	24.2	2.42	0.00	—	84.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	95.5	0.00	95.5	9.54	0.00	—	334
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	67.8	0.00	67.8	6.78	0.00	—	237
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	4.01	0.00	4.01	0.40	0.00	—	14.0
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	15.8	0.00	15.8	1.58	0.00	—	55.3
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	11.2	0.00	11.2	1.12	0.00	—	39.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	31.1	0.00	31.1	3.10	0.00	—	109

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5

##### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Forklifts	0.00	0.00	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 Material Handling Equipment	0.00	0.00	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	0.00	0.00	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	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 Material Handling Equipment	0.00	0.00	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	0.00	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	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 Material Handling Equipment	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.7.2. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	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 Material Handling Equipment	0.00	0.00	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	0.00	0.00	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	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 Material Handling Equipment	0.00	0.00	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	0.00	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	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 Material Handling Equipment	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

### 4.8. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Emergency	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	< 0.005	< 0.005	0.02	0.16	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	< 0.005	< 0.005	0.02	0.16	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Emergency Generator	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	0.12	0.12	0.63	6.28	0.01	0.02	0.00	0.02	0.02	0.00	0.02	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	< 0.005	< 0.005	0.02	0.16	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	< 0.005	< 0.005	0.02	0.16	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7

### 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	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Site Preparation	Site Preparation	10/1/2024	10/14/2024	5.00	10.0	—
Mass Grading	Grading	10/15/2024	11/25/2024	5.00	30.0	—
Building Construction	Building Construction	11/26/2024	8/1/2025	5.00	179	—
Onsite Paving	Building Construction	8/2/2025	9/12/2025	5.00	30.0	—
Offsite Paving (Continual and Final)	Paving	11/1/2024	9/22/2025	5.00	232	—
Testing	Architectural Coating	9/30/2025	10/7/2025	5.00	6.00	—
Architectural Coating	Architectural Coating	9/13/2025	10/1/2025	5.00	13.0	—
Offsite Architectural Coating (Striping)	Architectural Coating	11/1/2024	9/29/2025	5.00	237	—
Offsite Road Removal/Utility Install	Trenching	11/1/2024	6/3/2025	5.00	153	—

### 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
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Mass Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Mass Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Mass Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Mass Grading	Scrapers	Diesel	Average	4.00	8.00	423	0.48

Mass Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	9.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Aerial Lifts	Diesel	Average	3.00	7.00	46.0	0.31
Onsite Paving	Pavers	Diesel	Average	10.0	8.00	81.0	0.42
Onsite Paving	Paving Equipment	Diesel	Average	10.0	8.00	89.0	0.36
Onsite Paving	Rollers	Diesel	Average	15.0	8.00	36.0	0.38
Offsite Paving (Continual and Final)	Pavers	Diesel	Average	3.00	8.00	81.0	0.42
Offsite Paving (Continual and Final)	Paving Equipment	Diesel	Average	3.00	8.00	89.0	0.36
Offsite Paving (Continual and Final)	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Testing	Generator Sets	Diesel	Average	3.00	8.00	37.0	0.48
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48
Architectural Coating	Aerial Lifts	Diesel	Average	3.00	6.00	46.0	0.31
Offsite Architectural Coating (Striping)	Air Compressors	Diesel	Average	3.00	8.00	37.0	0.48
Offsite Road Removal/Utility Install	Concrete/Industrial Saws	Diesel	Average	3.00	8.00	33.0	0.73
Offsite Road Removal/Utility Install	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Offsite Road Removal/Utility Install	Pumps	Diesel	Average	3.00	8.00	11.0	0.74
Offsite Road Removal/Utility Install	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37

## 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	87.0	0.43
Mass Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Mass Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Mass Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Mass Grading	Scrapers	Diesel	Tier 4 Final	4.00	8.00	423	0.48
Mass Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	9.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Aerial Lifts	Diesel	Average	3.00	7.00	46.0	0.31
Onsite Paving	Pavers	Diesel	Tier 4 Final	10.0	8.00	81.0	0.42
Onsite Paving	Paving Equipment	Diesel	Tier 4 Final	10.0	8.00	89.0	0.36
Onsite Paving	Rollers	Diesel	Average	15.0	8.00	36.0	0.38
Offsite Paving (Continual and Final)	Pavers	Diesel	Tier 4 Final	3.00	8.00	81.0	0.42
Offsite Paving (Continual and Final)	Paving Equipment	Diesel	Tier 4 Final	3.00	8.00	89.0	0.36
Offsite Paving (Continual and Final)	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Testing	Generator Sets	Diesel	Average	3.00	8.00	37.0	0.48
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48

Architectural Coating	Aerial Lifts	Diesel	Average	3.00	6.00	46.0	0.31
Offsite Architectural Coating (Striping)	Air Compressors	Diesel	Average	3.00	8.00	37.0	0.48
Offsite Road Removal/Utility Install	Concrete/Industrial Saws	Diesel	Average	3.00	8.00	33.0	0.73
Offsite Road Removal/Utility Install	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Offsite Road Removal/Utility Install	Pumps	Diesel	Average	3.00	8.00	11.0	0.74
Offsite Road Removal/Utility Install	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	20.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	10.2	HHDT,MHDT
Site Preparation	Hauling	182	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Mass Grading	—	—	—	—
Mass Grading	Worker	30.0	18.5	LDA,LDT1,LDT2
Mass Grading	Vendor	8.00	10.2	HHDT,MHDT
Mass Grading	Hauling	178	20.0	HHDT
Mass Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	406	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	478	10.2	HHDT,MHDT

Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Onsite Paving	—	—	—	—
Onsite Paving	Worker	70.0	18.5	LDA,LDT1,LDT2
Onsite Paving	Vendor	50.0	10.2	HHDT,MHDT
Onsite Paving	Hauling	0.00	20.0	HHDT
Onsite Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	230	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Offsite Paving (Continual and Final)	—	—	—	—
Offsite Paving (Continual and Final)	Worker	24.0	18.5	LDA,LDT1,LDT2
Offsite Paving (Continual and Final)	Vendor	6.00	10.2	HHDT,MHDT
Offsite Paving (Continual and Final)	Hauling	0.00	20.0	HHDT
Offsite Paving (Continual and Final)	Onsite truck	—	—	HHDT
Testing	—	—	—	—
Testing	Worker	18.0	18.5	LDA,LDT1,LDT2
Testing	Vendor	0.00	10.2	HHDT,MHDT
Testing	Hauling	0.00	20.0	HHDT
Testing	Onsite truck	—	—	HHDT
Offsite Architectural Coating (Striping)	—	—	—	—
Offsite Architectural Coating (Striping)	Worker	12.0	18.5	LDA,LDT1,LDT2
Offsite Architectural Coating (Striping)	Vendor	6.00	10.2	HHDT,MHDT
Offsite Architectural Coating (Striping)	Hauling	0.00	20.0	HHDT
Offsite Architectural Coating (Striping)	Onsite truck	—	—	HHDT



Offsite Road Removal/Utility Install	—	—	—	—
Offsite Road Removal/Utility Install	Worker	48.0	18.5	LDA,LDT1,LDT2
Offsite Road Removal/Utility Install	Vendor	6.00	10.2	HHDT,MHDT
Offsite Road Removal/Utility Install	Hauling	22.0	20.0	HHDT
Offsite Road Removal/Utility Install	Onsite truck	—	—	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	20.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	10.2	HHDT,MHDT
Site Preparation	Hauling	182	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Mass Grading	—	—	—	—
Mass Grading	Worker	30.0	18.5	LDA,LDT1,LDT2
Mass Grading	Vendor	8.00	10.2	HHDT,MHDT
Mass Grading	Hauling	178	20.0	HHDT
Mass Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	406	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	478	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Onsite Paving	—	—	—	—
Onsite Paving	Worker	70.0	18.5	LDA,LDT1,LDT2
Onsite Paving	Vendor	50.0	10.2	HHDT,MHDT
Onsite Paving	Hauling	0.00	20.0	HHDT

Onsite Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	230	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Offsite Paving (Continual and Final)	—	—	—	—
Offsite Paving (Continual and Final)	Worker	24.0	18.5	LDA,LDT1,LDT2
Offsite Paving (Continual and Final)	Vendor	6.00	10.2	HHDT,MHDT
Offsite Paving (Continual and Final)	Hauling	0.00	20.0	HHDT
Offsite Paving (Continual and Final)	Onsite truck	—	—	HHDT
Testing	—	—	—	—
Testing	Worker	18.0	18.5	LDA,LDT1,LDT2
Testing	Vendor	0.00	10.2	HHDT,MHDT
Testing	Hauling	0.00	20.0	HHDT
Testing	Onsite truck	—	—	HHDT
Offsite Architectural Coating (Striping)	—	—	—	—
Offsite Architectural Coating (Striping)	Worker	12.0	18.5	LDA,LDT1,LDT2
Offsite Architectural Coating (Striping)	Vendor	6.00	10.2	HHDT,MHDT
Offsite Architectural Coating (Striping)	Hauling	0.00	20.0	HHDT
Offsite Architectural Coating (Striping)	Onsite truck	—	—	HHDT
Offsite Road Removal/Utility Install	—	—	—	—
Offsite Road Removal/Utility Install	Worker	48.0	18.5	LDA,LDT1,LDT2
Offsite Road Removal/Utility Install	Vendor	6.00	10.2	HHDT,MHDT
Offsite Road Removal/Utility Install	Hauling	22.0	20.0	HHDT
Offsite Road Removal/Utility Install	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	0.00	0.00	102,207	34,069	4,609
Testing	0.00	0.00	39,747	13,249	1,793
Offsite Architectural Coating (Striping)	0.00	0.00	1,885,146	628,382	85,018

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	0.00	0.00	—
Mass Grading	—	84,103	81.1	0.00	—
Offsite Paving (Continual and Final)	0.00	0.00	0.00	0.00	35.0
Offsite Road Removal/Utility Install	—	—	23.0	0.00	—

### 5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Unrefrigerated Warehouse-No Rail	0.00	0%
Unrefrigerated Warehouse-Rail	0.00	0%
Unrefrigerated Warehouse-Rail	0.00	0%
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
Parking Lot	11.9	100%
Other Asphalt Surfaces	23.0	100%

## 5.8. Construction Electricity Consumption and Emissions Factors

### kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	349	0.03	< 0.005
2025	0.00	349	0.03	< 0.005

## 5.9. Operational Mobile Sources

### 5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VM/Weekday	VM/Saturday	VM/Sunday	VM/Year
Unrefrigerated Warehouse-No Rail	237	237	237	86,610	2,393	2,393	2,393	873,551
Unrefrigerated Warehouse-No Rail	90.0	90.0	90.0	32,852	5,589	5,589	5,589	2,040,118
Unrefrigerated Warehouse-Rail	755	755	755	275,466	7,612	7,612	7,612	2,778,353

Unrefrigerated Warehouse-Rail	610	610	610	222,664	37,883	37,883	37,883	13,827,444
General Heavy Industry	1,554	1,554	1,554	567,245	15,675	15,675	15,675	5,721,237
General Heavy Industry	423	423	423	154,441	26,234	26,234	26,234	9,575,321
Parking Lot	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
Unrefrigerated Warehouse-No Rail	237	237	237	86,610	2,393	2,393	2,393	873,551
Unrefrigerated Warehouse-No Rail	90.0	90.0	90.0	32,852	5,589	5,589	5,589	2,040,118
Unrefrigerated Warehouse-Rail	755	755	755	275,466	7,612	7,612	7,612	2,778,353
Unrefrigerated Warehouse-Rail	610	610	610	222,664	37,883	37,883	37,883	13,827,444
General Heavy Industry	1,554	1,554	1,554	567,245	15,675	15,675	15,675	5,721,237
General Heavy Industry	423	423	423	154,441	26,234	26,234	26,234	9,575,321
Parking Lot	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

## 5.10.1.2. Mitigated

## 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)
0	0.00	2,027,100	675,700	91,420

## 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)
Unrefrigerated Warehouse-No Rail	640,914	346	0.0330	0.0040	2,638,017
Unrefrigerated Warehouse-No Rail	243,105	346	0.0330	0.0040	1,000,627

Unrefrigerated Warehouse-Rail	1,925,824	346	0.0330	0.0040	7,926,731
Unrefrigerated Warehouse-Rail	1,556,678	346	0.0330	0.0040	6,407,321
General Heavy Industry	3,043,640	346	0.0330	0.0040	13,685,645
General Heavy Industry	828,675	346	0.0330	0.0040	3,726,117
Parking Lot	455,728	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	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)
Unrefrigerated Warehouse-No Rail	0.00	346	0.0330	0.0040	2,638,017
Unrefrigerated Warehouse-No Rail	0.00	346	0.0330	0.0040	1,000,627
Unrefrigerated Warehouse-Rail	< 0.005	346	0.0330	0.0040	7,926,731
Unrefrigerated Warehouse-Rail	< 0.005	346	0.0330	0.0040	6,407,321
General Heavy Industry	0.00	346	0.0330	0.0040	13,685,645
General Heavy Industry	0.00	346	0.0330	0.0040	3,726,117
Parking Lot	< 0.005	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	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)
Unrefrigerated Warehouse-No Rail	1,468,792	496,528
Unrefrigerated Warehouse-No Rail	557,128	0.00
Unrefrigerated Warehouse-Rail	4,413,436	0.00

Unrefrigerated Warehouse-Rail	3,567,461	0.00
General Heavy Industry	3,377,761	0.00
General Heavy Industry	919,645	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

### 5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	1,175,034	397,222
Unrefrigerated Warehouse-No Rail	445,702	0.00
Unrefrigerated Warehouse-Rail	3,530,749	0.00
Unrefrigerated Warehouse-Rail	2,853,969	0.00
General Heavy Industry	2,702,209	0.00
General Heavy Industry	735,716	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

### 5.13. Operational Waste Generation

#### 5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	130	—
Unrefrigerated Warehouse-No Rail	49.5	—
Unrefrigerated Warehouse-Rail	392	—
Unrefrigerated Warehouse-Rail	317	—
General Heavy Industry	396	—
General Heavy Industry	108	—



Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

### 5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	32.6	—
Unrefrigerated Warehouse-No Rail	12.4	—
Unrefrigerated Warehouse-Rail	98.0	—
Unrefrigerated Warehouse-Rail	79.2	—
General Heavy Industry	98.9	—
General Heavy Industry	26.9	—
Parking Lot	0.00	—
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
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

### 5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
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## 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
Forklifts	Electric	Average	82.0	24.0	82.0	0.20
Forklifts	Electric	Average	82.0	24.0	82.0	0.20
Other Material Handling Equipment	Electric	Average	5.00	24.0	200	0.40

### 5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Forklifts	Electric	Average	82.0	24.0	82.0	0.20
Forklifts	Electric	Average	82.0	24.0	82.0	0.20
Other Material Handling Equipment	Electric	Average	5.00	24.0	200	0.40

## 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
Emergency Generator	Diesel	3.00	1.00	50.0	500	0.73

### 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	33.2	annual days of extreme heat
Extreme Precipitation	1.05	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	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  $\frac{3}{4}$  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	84.6
AQ-PM	9.66
AQ-DPM	6.31
Drinking Water	30.2
Lead Risk Housing	30.1
Pesticides	0.00
Toxic Releases	17.9
Traffic	18.1
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	45.2
Haz Waste Facilities/Generators	19.2
Impaired Water Bodies	51.2
Solid Waste	75.7
Sensitive Population	—
Asthma	84.9
Cardio-vascular	87.4
Low Birth Weights	50.5
Socioeconomic Factor Indicators	—
Education	64.5
Housing	47.1
Linguistic	34.6
Poverty	67.0

Unemployment	95.5
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## 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	32.02874374
Employed	23.52110869
Median HI	53.11176697
Education	—
Bachelor's or higher	21.19851148
High school enrollment	13.5249583
Preschool enrollment	35.44206339
Transportation	—
Auto Access	78.96830489
Active commuting	9.470037213
Social	—
2-parent households	61.99153086
Voting	36.04516874
Neighborhood	—
Alcohol availability	89.14410368
Park access	25.3560888
Retail density	9.354548954
Supermarket access	4.978827153
Tree canopy	0.61593738
Housing	—
Homeownership	71.07660721

Housing habitability	66.22610035
Low-inc homeowner severe housing cost burden	74.99037598
Low-inc renter severe housing cost burden	40.13858591
Uncrowded housing	41.35762864
Health Outcomes	—
Insured adults	34.04337226
Arthritis	60.6
Asthma ER Admissions	15.2
High Blood Pressure	69.1
Cancer (excluding skin)	74.5
Asthma	18.0
Coronary Heart Disease	74.7
Chronic Obstructive Pulmonary Disease	42.5
Diagnosed Diabetes	48.6
Life Expectancy at Birth	15.7
Cognitively Disabled	21.0
Physically Disabled	50.9
Heart Attack ER Admissions	6.3
Mental Health Not Good	26.2
Chronic Kidney Disease	73.0
Obesity	25.8
Pedestrian Injuries	41.3
Physical Health Not Good	37.1
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	33.9
Current Smoker	23.0



No Leisure Time for Physical Activity	40.8
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	22.0
Elderly	91.2
English Speaking	81.5
Foreign-born	37.1
Outdoor Workers	19.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	77.3
Traffic Density	30.2
Traffic Access	23.0
Other Indices	—
Hardship	67.4
Other Decision Support	—
2016 Voting	35.6

### 7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	57.0
Healthy Places Index Score for Project Location (b)	33.0
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
Construction: Construction Phases	Construction schedule approved by applicant.
Construction: Off-Road Equipment	Construction equipment assumptions approved by the applicant.
Construction: Dust From Material Movement	Per preliminary project details, approximately 81.10 acres would be graded. 23 acres graded for offsite utilities and roadway improvements.
Construction: Trips and VMT	On-road vehicle assumptions approved by applicant.
Operations: Vehicle Data	Trip details consistent with traffic report. Truck hauling distance of 62.1 miles consistent with Mojave Industrial Park Supplemental VMT analysis (Urban Crossroads 2023).
Operations: Fleet Mix	% vehicle split consistent with traffic report.
Operations: Water and Waste Water	Landscaping for project included all within URW-NR. Water use consistent with assumptions from WSA (WSC, June 2023).
Operations: Off-Road Equipment	Operational off-road equipment consistent with SCAQMD High-Cube Warehouse Business Survey.
Operations: Generators + Pumps EF	Mitigated emergency generators would be equipped with CARB Tier 4 Final compliant engines. Tier 4 Final emission factors taken from CalEEMod Appendix G Table G-13 Offroad Equipment Emission Factors by Engine Tier (grams per horsepower-hour)

# MIP\_Onsite&Offsite\_Unmit\_Trucks Only Custom Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	MIP_Onsite&Offsite_Unmit_Trucks Only
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	1.40
Location	Mojave Dr & Onyx Rd, Victorville, CA 92394, USA
County	San Bernardino-Mojave Desert
City	Victorville
Air District	Mojave Desert AQMD
Air Basin	Mojave Desert
TAZ	5102
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southwest Gas Corp.
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
Unrefrigerated Warehouse-No Rail	139	1000sqft	3.19	138,765	490,000	—	—	Passenger Vehicles

Unrefrigerated Warehouse-No Rail	52.6	1000sqft	1.21	52,635	—	—	—	Trucks
Unrefrigerated Warehouse-Rail	417	1000sqft	9.57	416,962	—	—	—	Passenger Vehicles
Unrefrigerated Warehouse-Rail	337	1000sqft	7.74	337,038	—	—	—	Trucks
General Heavy Industry	319	1000sqft	7.33	319,116	—	—	—	Passenger Vehicles
General Heavy Industry	86.9	1000sqft	1.99	86,884	—	—	—	Trucks
Parking Lot	1,327	Space	11.9	0.00	—	—	—	—
Other Asphalt Surfaces	1,003	1000sqft	23.0	0.00	—	—	—	—

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Water	W-7	Adopt a Water Conservation Strategy
Waste	S-1/S-2	Implement Waste Reduction Plan
Area Sources	AS-2	Use Low-VOC Paints

## 2. Emissions Summary

### 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
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	47.8	71.8	405	395	2.19	14.6	61.1	75.8	13.7	16.4	30.1	778	253,576	254,353	82.9	25.5	706	264,738
Mit.	47.8	70.7	405	395	2.19	14.6	61.1	75.8	13.7	16.4	30.1	209	245,313	245,522	25.3	25.4	706	254,435
% Reduced	—	1%	—	—	—	—	—	—	—	—	—	73%	3%	3%	69%	< 0.5%	—	4%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	37.2	62.0	413	336	2.19	14.5	61.1	75.7	13.6	16.4	30.0	778	253,372	254,150	82.8	25.6	121	263,957
Mit.	37.2	61.0	413	336	2.19	14.5	61.1	75.7	13.6	16.4	30.0	209	245,109	245,319	25.3	25.4	121	253,654
% Reduced	—	2%	—	—	—	—	—	—	—	—	—	73%	3%	3%	70%	< 0.5%	—	4%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	40.0	64.7	410	359	2.18	14.3	61.1	75.4	13.3	16.4	29.7	778	252,382	253,159	82.8	25.5	365	263,208
Mit.	40.0	63.6	410	359	2.18	14.3	61.1	75.4	13.3	16.4	29.7	209	244,119	244,329	25.2	25.4	365	252,905
% Reduced	—	2%	—	—	—	—	—	—	—	—	—	73%	3%	3%	70%	< 0.5%	—	4%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.31	11.8	74.8	65.6	0.40	2.61	11.2	13.8	2.43	2.99	5.43	129	41,785	41,913	13.7	4.23	60.4	43,577
Mit.	7.31	11.6	74.8	65.6	0.40	2.61	11.2	13.8	2.43	2.99	5.43	34.7	40,417	40,451	4.18	4.21	60.4	41,871
% Reduced	—	2%	—	—	—	—	—	—	—	—	—	73%	3%	3%	70%	< 0.5%	—	4%

## 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
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.71	5.70	180	42.5	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,395	175,395	0.44	24.8	600	183,409
Area	10.5	40.5	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	27,919	27,919	2.58	0.21	—	28,047
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	47.8	71.8	405	395	2.19	14.6	61.1	75.8	13.7	16.4	30.1	778	253,576	254,353	82.9	25.5	706	264,738
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.57	5.58	189	42.4	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,433	175,433	0.44	24.9	15.6	182,870
Area	—	30.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	27,919	27,919	2.58	0.21	—	28,047
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	37.2	62.0	413	336	2.19	14.5	61.1	75.7	13.6	16.4	30.0	778	253,372	254,150	82.8	25.6	121	263,957
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.62	5.63	191	42.2	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,411	175,411	0.44	24.9	259	183,092
Area	5.16	35.6	0.24	29.0	< 0.005	0.05	—	0.05	0.04	—	0.04	—	119	119	0.01	< 0.005	—	120

Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	27,919	27,919	2.58	0.21	—	28,047
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	0.37	0.34	0.94	0.86	< 0.005	0.05	0.00	0.05	0.05	0.00	0.05	0.00	173	173	0.01	< 0.005	0.00	173
Total	40.0	64.7	410	359	2.18	14.3	61.1	75.4	13.3	16.4	29.7	778	252,382	253,159	82.8	25.5	365	263,208
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.21	1.03	34.9	7.69	0.30	0.69	11.2	11.8	0.66	2.99	3.65	—	29,041	29,041	0.07	4.12	42.9	30,313
Area	0.94	6.50	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Energy	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	4,622	4,622	0.43	0.04	—	4,644
Water	—	—	—	—	—	—	—	—	—	—	—	4.54	13.3	17.8	0.47	0.01	—	32.8
Waste	—	—	—	—	—	—	—	—	—	—	—	124	0.00	124	12.4	0.00	—	435
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Off-Road	4.90	4.12	38.0	51.0	0.08	1.76	—	1.76	1.62	—	1.62	—	8,060	8,060	0.33	0.07	—	8,087
Stationary	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	7.31	11.8	74.8	65.6	0.40	2.61	11.2	13.8	2.43	2.99	5.43	129	41,785	41,913	13.7	4.23	60.4	43,577

## 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	6.71	5.70	180	42.5	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,395	175,395	0.44	24.8	600	183,409
Area	10.5	39.5	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	19,672	19,672	1.80	0.12	—	19,752



Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	47.8	70.7	405	395	2.19	14.6	61.1	75.8	13.7	16.4	30.1	209	245,313	245,522	25.3	25.4	706	254,435
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.57	5.58	189	42.4	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,433	175,433	0.44	24.9	15.6	182,870
Area	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	19,672	19,672	1.80	0.12	—	19,752
Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	37.2	61.0	413	336	2.19	14.5	61.1	75.7	13.6	16.4	30.0	209	245,109	245,319	25.3	25.4	121	253,654
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.62	5.63	191	42.2	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,411	175,411	0.44	24.9	259	183,092
Area	5.16	34.6	0.24	29.0	< 0.005	0.05	—	0.05	0.04	—	0.04	—	119	119	0.01	< 0.005	—	120
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	19,672	19,672	1.80	0.12	—	19,752
Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847

Stationar	0.37	0.34	0.94	0.86	< 0.005	0.05	0.00	0.05	0.05	0.00	0.05	0.00	173	173	0.01	< 0.005	0.00	173
Total	40.0	63.6	410	359	2.18	14.3	61.1	75.4	13.3	16.4	29.7	209	244,119	244,329	25.2	25.4	365	252,905
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.21	1.03	34.9	7.69	0.30	0.69	11.2	11.8	0.66	2.99	3.65	—	29,041	29,041	0.07	4.12	42.9	30,313
Area	0.94	6.31	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Energy	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	3,257	3,257	0.30	0.02	—	3,270
Water	—	—	—	—	—	—	—	—	—	—	—	3.63	10.6	14.2	0.37	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	31.1	0.00	31.1	3.10	0.00	—	109
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Off-Road	4.90	4.12	38.0	51.0	0.08	1.76	—	1.76	1.62	—	1.62	—	8,060	8,060	0.33	0.07	—	8,087
Stationar y	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	7.31	11.6	74.8	65.6	0.40	2.61	11.2	13.8	2.43	2.99	5.43	34.7	40,417	40,451	4.18	4.21	60.4	41,871

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.42	0.35	14.6	2.90	0.15	0.32	4.87	5.19	0.30	1.30	1.60	—	15,733	15,733	0.03	2.26	44.1	16,451

Unrefrige Warehouse-Rail	3.65	3.11	99.9	22.7	0.91	2.13	33.4	35.5	2.03	8.96	11.0	—	95,779	95,779	0.23	13.8	325	100,210
General Heavy Industry	2.64	2.24	65.0	16.9	0.61	1.34	22.9	24.3	1.28	6.15	7.43	—	63,883	63,883	0.17	8.82	231	66,748
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	6.71	5.70	180	42.5	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,395	175,395	0.44	24.8	600	183,409
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehouse-No Rail	0.41	0.34	15.4	2.91	0.15	0.32	4.87	5.19	0.30	1.30	1.60	—	15,737	15,737	0.03	2.26	1.14	16,413
Unrefrige rated Warehouse-Rail	3.57	3.04	105	22.7	0.91	2.13	33.4	35.5	2.04	8.96	11.0	—	95,801	95,801	0.23	13.8	8.44	99,919
General Heavy Industry	2.59	2.20	68.3	16.8	0.61	1.34	22.9	24.3	1.29	6.15	7.43	—	63,895	63,895	0.17	8.84	5.99	66,539
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	6.57	5.58	189	42.4	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,433	175,433	0.44	24.9	15.6	182,870
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	0.08	0.06	2.84	0.53	0.03	0.06	0.89	0.95	0.06	0.24	0.29	—	2,605	2,605	0.01	0.37	3.15	2,720
Unrefrigerated Warehouse-Rail	0.66	0.56	19.4	4.11	0.17	0.39	6.08	6.47	0.37	1.63	2.01	—	15,859	15,859	0.04	2.28	23.3	16,563
General Heavy Industry	0.48	0.40	12.6	3.05	0.11	0.25	4.18	4.42	0.23	1.12	1.36	—	10,577	10,577	0.03	1.46	16.5	11,031
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	1.21	1.03	34.9	7.69	0.30	0.69	11.2	11.8	0.66	2.99	3.65	—	29,041	29,041	0.07	4.12	42.9	30,313

# MIP\_Onsite&Offsite\_HRA Detailed Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	MIP_Onsite&Offsite_HRA
Construction Start Date	10/1/2024
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	1.40
Location	Mojave Dr & Onyx Rd, Victorville, CA 92394, USA
County	San Bernardino-Mojave Desert
City	Victorville
Air District	Mojave Desert AQMD
Air Basin	Mojave Desert
TAZ	5102
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southwest Gas Corp.
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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Unrefrigerated Warehouse-No Rail	139	1000sqft	3.19	138,765	490,000	—	—	Passenger Vehicles
Unrefrigerated Warehouse-No Rail	52.6	1000sqft	1.21	52,635	—	—	—	Trucks
Unrefrigerated Warehouse-Rail	417	1000sqft	9.57	416,962	—	—	—	Passenger Vehicles
Unrefrigerated Warehouse-Rail	337	1000sqft	7.74	337,038	—	—	—	Trucks
General Heavy Industry	319	1000sqft	7.33	319,116	—	—	—	Passenger Vehicles
General Heavy Industry	86.9	1000sqft	1.99	86,884	—	—	—	Trucks
Parking Lot	1,327	Space	11.9	0.00	—	—	—	—
Other Asphalt Surfaces	1,003	1000sqft	23.0	0.00	—	—	—	—

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Water	W-7	Adopt a Water Conservation Strategy
Waste	S-1/S-2	Implement Waste Reduction Plan
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment
Area Sources	AS-2	Use Low-VOC Paints

## 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.	7.68	54.8	57.1	75.0	0.12	2.58	0.11	2.59	2.37	0.03	2.37	—	11,495	11,495	0.46	0.25	1.10	11,583
Mit.	4.49	24.8	31.4	79.1	0.12	0.98	0.11	1.00	0.92	0.03	0.92	—	11,495	11,495	0.46	0.25	1.10	11,583
% Reduced	42%	55%	45%	-5%	—	62%	—	61%	61%	—	61%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.4	48.6	82.9	81.0	0.15	3.27	4.53	7.81	3.01	1.54	4.55	—	16,157	16,157	0.64	0.27	0.03	16,243
Mit.	4.64	21.8	32.4	93.9	0.15	0.93	4.53	5.42	0.86	1.54	2.37	—	16,157	16,157	0.64	0.27	0.03	16,243
% Reduced	55%	55%	61%	-16%	—	72%	—	31%	71%	—	48%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.49	18.4	27.6	35.2	0.06	1.01	0.39	1.05	0.93	0.13	0.94	—	5,541	5,541	0.22	0.11	0.20	5,580
Mit.	2.11	8.71	14.4	37.2	0.06	0.41	0.39	0.50	0.38	0.13	0.39	—	5,541	5,541	0.22	0.11	0.20	5,580
% Reduced	40%	53%	48%	-6%	—	59%	—	52%	59%	—	58%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.64	3.36	5.03	6.42	0.01	0.18	0.07	0.19	0.17	0.02	0.17	—	917	917	0.04	0.02	0.03	924
Mit.	0.39	1.59	2.63	6.78	0.01	0.07	0.07	0.09	0.07	0.02	0.07	—	917	917	0.04	0.02	0.03	924
% Reduced	40%	53%	48%	-6%	—	59%	—	52%	59%	—	58%	—	—	—	—	—	—	—



## 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	7.68	54.8	57.1	75.0	0.12	2.58	0.11	2.59	2.37	0.03	2.37	—	11,495	11,495	0.46	0.25	1.10	11,583
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	10.4	35.3	82.9	81.0	0.15	3.27	4.53	7.81	3.01	1.54	4.55	—	16,157	16,157	0.64	0.27	0.03	16,243
2025	7.13	48.6	57.3	72.5	0.12	1.98	0.11	2.09	1.82	0.03	1.85	—	11,514	11,514	0.46	0.25	0.03	11,601
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.28	4.25	10.3	10.8	0.02	0.40	0.39	0.78	0.37	0.13	0.50	—	2,000	2,000	0.08	0.04	0.05	2,014
2025	3.49	18.4	27.6	35.2	0.06	1.01	0.05	1.05	0.93	0.01	0.94	—	5,541	5,541	0.22	0.11	0.20	5,580
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.23	0.78	1.87	1.97	< 0.005	0.07	0.07	0.14	0.07	0.02	0.09	—	331	331	0.01	0.01	0.01	333
2025	0.64	3.36	5.03	6.42	0.01	0.18	0.01	0.19	0.17	< 0.005	0.17	—	917	917	0.04	0.02	0.03	924

## 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	4.49	24.8	31.4	79.1	0.12	0.98	0.11	1.00	0.92	0.03	0.92	—	11,495	11,495	0.46	0.25	1.10	11,583
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	4.64	15.9	32.4	93.9	0.15	0.93	4.53	5.42	0.86	1.54	2.37	—	16,157	16,157	0.64	0.27	0.03	16,243
2025	4.42	21.8	31.9	76.5	0.12	0.84	0.11	0.95	0.79	0.03	0.82	—	11,514	11,514	0.46	0.25	0.03	11,601
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.59	1.94	4.04	12.1	0.02	0.12	0.39	0.50	0.11	0.13	0.24	—	2,000	2,000	0.08	0.04	0.05	2,014
2025	2.11	8.71	14.4	37.2	0.06	0.41	0.05	0.46	0.38	0.01	0.39	—	5,541	5,541	0.22	0.11	0.20	5,580
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.11	0.35	0.74	2.20	< 0.005	0.02	0.07	0.09	0.02	0.02	0.04	—	331	331	0.01	0.01	0.01	333
2025	0.39	1.59	2.63	6.78	0.01	0.07	0.01	0.08	0.07	< 0.005	0.07	—	917	917	0.04	0.02	0.03	924

## 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.	47.8	71.8	405	395	2.19	14.6	61.1	75.8	13.7	16.4	30.1	778	253,576	254,353	82.9	25.5	706	264,738
Mit.	37.3	61.1	404	336	2.19	14.5	61.1	75.7	13.6	16.4	30.0	209	245,107	245,317	25.3	25.4	706	254,229
% Reduced	22%	15%	< 0.5%	15%	< 0.5%	1%	—	< 0.5%	1%	—	< 0.5%	73%	3%	4%	70%	< 0.5%	—	4%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	37.2	62.0	413	336	2.19	14.5	61.1	75.7	13.6	16.4	30.0	778	253,372	254,150	82.8	25.6	121	263,957
Mit.	37.2	61.0	413	336	2.19	14.5	61.1	75.7	13.6	16.4	30.0	209	245,109	245,319	25.3	25.4	121	253,654
% Reduced	—	2%	—	—	—	—	—	—	—	—	—	73%	3%	3%	70%	< 0.5%	—	4%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	40.0	64.7	410	359	2.18	14.3	61.1	75.4	13.3	16.4	29.7	778	252,382	253,159	82.8	25.5	365	263,208
Mit.	34.9	58.9	410	330	2.18	14.2	61.1	75.3	13.3	16.4	29.7	209	244,018	244,227	25.2	25.4	365	252,803
% Reduced	13%	9%	< 0.5%	8%	< 0.5%	< 0.5%	—	< 0.5%	< 0.5%	—	< 0.5%	73%	3%	4%	70%	< 0.5%	—	4%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.31	11.8	74.8	65.6	0.40	2.61	11.2	13.8	2.43	2.99	5.43	129	41,785	41,913	13.7	4.23	60.4	43,577
Mit.	6.37	10.7	74.8	60.3	0.40	2.60	11.2	13.7	2.43	2.99	5.42	34.7	40,400	40,435	4.18	4.21	60.4	41,854
% Reduced	13%	9%	< 0.5%	8%	< 0.5%	< 0.5%	—	< 0.5%	< 0.5%	—	< 0.5%	73%	3%	4%	70%	< 0.5%	—	4%

## 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	6.71	5.70	180	42.5	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,395	175,395	0.44	24.8	600	183,409
Area	10.5	40.5	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	27,919	27,919	2.58	0.21	—	28,047
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	47.8	71.8	405	395	2.19	14.6	61.1	75.8	13.7	16.4	30.1	778	253,576	254,353	82.9	25.5	706	264,738
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	6.57	5.58	189	42.4	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,433	175,433	0.44	24.9	15.6	182,870
Area	—	30.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	27,919	27,919	2.58	0.21	—	28,047
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	37.2	62.0	413	336	2.19	14.5	61.1	75.7	13.6	16.4	30.0	778	253,372	254,150	82.8	25.6	121	263,957
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.62	5.63	191	42.2	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,411	175,411	0.44	24.9	259	183,092
Area	5.16	35.6	0.24	29.0	< 0.005	0.05	—	0.05	0.04	—	0.04	—	119	119	0.01	< 0.005	—	120
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	27,919	27,919	2.58	0.21	—	28,047
Water	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Waste	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	0.37	0.34	0.94	0.86	< 0.005	0.05	0.00	0.05	0.05	0.00	0.05	0.00	173	173	0.01	< 0.005	0.00	173
Total	40.0	64.7	410	359	2.18	14.3	61.1	75.4	13.3	16.4	29.7	778	252,382	253,159	82.8	25.5	365	263,208
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.21	1.03	34.9	7.69	0.30	0.69	11.2	11.8	0.66	2.99	3.65	—	29,041	29,041	0.07	4.12	42.9	30,313
Area	0.94	6.50	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Energy	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	4,622	4,622	0.43	0.04	—	4,644
Water	—	—	—	—	—	—	—	—	—	—	—	4.54	13.3	17.8	0.47	0.01	—	32.8
Waste	—	—	—	—	—	—	—	—	—	—	—	124	0.00	124	12.4	0.00	—	435
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5

Off-Road	4.90	4.12	38.0	51.0	0.08	1.76	—	1.76	1.62	—	1.62	—	8,060	8,060	0.33	0.07	—	8,087
Stationary	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	7.31	11.8	74.8	65.6	0.40	2.61	11.2	13.8	2.43	2.99	5.43	129	41,785	41,913	13.7	4.23	60.4	43,577

## 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	6.71	5.70	180	42.5	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,395	175,395	0.44	24.8	600	183,409
Area	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	19,708	19,708	1.80	0.12	—	19,788
Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	37.3	61.1	404	336	2.19	14.5	61.1	75.7	13.6	16.4	30.0	209	245,107	245,317	25.3	25.4	706	254,229
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.57	5.58	189	42.4	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,433	175,433	0.44	24.9	15.6	182,870
Area	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	19,672	19,672	1.80	0.12	—	19,752
Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	37.2	61.0	413	336	2.19	14.5	61.1	75.7	13.6	16.4	30.0	209	245,109	245,319	25.3	25.4	121	253,654
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.62	5.63	191	42.2	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,411	175,411	0.44	24.9	259	183,092
Area	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	19,690	19,690	1.80	0.12	—	19,770
Water	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Waste	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Off-Road	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Stationary	0.37	0.34	0.94	0.86	< 0.005	0.05	0.00	0.05	0.05	0.00	0.05	0.00	173	173	0.01	< 0.005	0.00	173
Total	34.9	58.9	410	330	2.18	14.2	61.1	75.3	13.3	16.4	29.7	209	244,018	244,227	25.2	25.4	365	252,803
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.21	1.03	34.9	7.69	0.30	0.69	11.2	11.8	0.66	2.99	3.65	—	29,041	29,041	0.07	4.12	42.9	30,313
Area	—	5.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	3,260	3,260	0.30	0.02	—	3,273
Water	—	—	—	—	—	—	—	—	—	—	—	3.63	10.6	14.2	0.37	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	31.1	0.00	31.1	3.10	0.00	—	109
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Off-Road	4.90	4.12	38.0	51.0	0.08	1.76	—	1.76	1.62	—	1.62	—	8,060	8,060	0.33	0.07	—	8,087
Stationary	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	6.37	10.7	74.8	60.3	0.40	2.60	11.2	13.7	2.43	2.99	5.42	34.7	40,400	40,435	4.18	4.21	60.4	41,854

### 3. Construction Emissions Details

#### 3.1. Site Preparation (2024) - 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	0.53	0.45	4.04	4.43	0.01	0.27	—	0.27	0.25	—	0.25	—	639	639	0.03	0.01	—	642
Dust From Material Movement:	—	—	—	—	—	—	0.21	0.21	—	0.02	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	17.5	17.5	< 0.005	< 0.005	—	17.6
Dust From Material Movement:	—	—	—	—	—	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.90	2.90	< 0.005	< 0.005	—	2.91

Dust From Material Movement:	—	—	—	—	—	—	< 0.005	< 0.005	—	< 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.05	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.51	8.51	< 0.005	< 0.005	< 0.005	8.92
Hauling	0.20	0.17	3.44	2.74	0.01	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	581	581	0.01	0.09	0.01	609
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.24
Hauling	0.01	< 0.005	0.09	0.07	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.7	15.7	< 0.005	< 0.005	< 0.005	16.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.60	2.60	< 0.005	< 0.005	< 0.005	2.73

### 3.2. Site Preparation (2024) - 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	0.31	4.47	0.01	0.01	—	0.01	0.01	—	0.01	—	639	639	0.03	0.01	—	642
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.02	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.5	17.5	< 0.005	< 0.005	—	17.6
Dust From Material Movement	—	—	—	—	—	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.90	2.90	< 0.005	< 0.005	—	2.91
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.05	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.51	8.51	< 0.005	< 0.005	< 0.005	8.92
Hauling	0.20	0.17	3.44	2.74	0.01	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	581	581	0.01	0.09	0.01	609
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.24
Hauling	0.01	< 0.005	0.09	0.07	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.7	15.7	< 0.005	< 0.005	< 0.005	16.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.60	2.60	< 0.005	< 0.005	< 0.005	2.73

### 3.3. Mass Grading (2024) - 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	6.13	5.15	50.7	42.4	0.10	2.08	—	2.08	1.92	—	1.92	—	10,387	10,387	0.42	0.08	—	10,422

Dust From Material Movement:	—	—	—	—	—	—	4.48	4.48	—	1.52	1.52	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.50	0.42	4.17	3.49	0.01	0.17	—	0.17	0.16	—	0.16	—	854	854	0.03	0.01	—	857
Dust From Material Movement:	—	—	—	—	—	—	0.37	0.37	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.09	0.08	0.76	0.64	< 0.005	0.03	—	0.03	0.03	—	0.03	—	141	141	0.01	< 0.005	—	142
Dust From Material Movement:	—	—	—	—	—	—	0.07	0.07	—	0.02	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.10	0.08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	17.0	17.0	< 0.005	< 0.005	< 0.005	17.8
Hauling	0.19	0.17	3.37	2.68	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	569	569	0.01	0.09	0.01	596

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.39	1.39	< 0.005	< 0.005	< 0.005	1.45
Hauling	0.02	0.01	0.27	0.22	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	46.2	46.2	< 0.005	0.01	0.01	48.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.24
Hauling	< 0.005	< 0.005	0.05	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.64	7.64	< 0.005	< 0.005	< 0.005	8.01

### 3.4. Mass Grading (2024) - 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	1.19	1.15	6.65	54.0	0.10	0.25	—	0.25	0.24	—	0.24	—	10,387	10,387	0.42	0.08	—	10,422
Dust From Material Movement	—	—	—	—	—	—	4.48	4.48	—	1.52	1.52	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.09	0.55	4.44	0.01	0.02	—	0.02	0.02	—	0.02	—	854	854	0.03	0.01	—	857

Dust From Material Movement:	—	—	—	—	—	—	0.37	0.37	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.10	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	142
Dust From Material Movement:	—	—	—	—	—	—	0.07	0.07	—	0.02	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	0.01	0.10	0.08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	17.0	17.0	< 0.005	< 0.005	< 0.005	17.8
Hauling	0.19	0.17	3.37	2.68	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	569	569	0.01	0.09	0.01	596
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.39	1.39	< 0.005	< 0.005	< 0.005	1.45
Hauling	0.02	0.01	0.27	0.22	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	46.2	46.2	< 0.005	0.01	0.01	48.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.24

Hauling	< 0.005	< 0.005	0.05	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.64	7.64	< 0.005	< 0.005	< 0.005	8.01
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### 3.5. Building Construction (2024) - 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	3.18	2.66	25.6	32.1	0.05	1.09	—	1.09	1.00	—	1.00	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.22	0.19	1.80	2.26	< 0.005	0.08	—	0.08	0.07	—	0.07	—	376	376	0.02	< 0.005	—	377
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.04	0.03	0.33	0.41	< 0.005	0.01	—	0.01	0.01	—	0.01	—	62.2	62.2	< 0.005	< 0.005	—	62.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.41	0.34	5.69	4.99	0.01	0.01	0.10	0.11	0.01	0.03	0.03	—	1,017	1,017	0.03	0.16	0.03	1,066
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.03	0.03	0.39	0.35	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	71.0	71.0	< 0.005	0.01	0.03	74.2
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.01	12.3
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

### 3.6. Building Construction (2024) - 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	1.36	1.19	9.14	34.7	0.05	0.29	—	0.29	0.27	—	0.27	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.64	2.44	< 0.005	0.02	—	0.02	0.02	—	0.02	—	376	376	0.02	< 0.005	—	377
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.12	0.45	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	62.2	62.2	< 0.005	< 0.005	—	62.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.41	0.34	5.69	4.99	0.01	0.01	0.10	0.11	0.01	0.03	0.03	—	1,017	1,017	0.03	0.16	0.03	1,066
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.03	0.03	0.39	0.35	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	71.0	71.0	< 0.005	0.01	0.03	74.2
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.7	11.7	< 0.005	< 0.005	0.01	12.3
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



## 3.7. Building Construction (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	2.97	2.48	24.0	32.0	0.05	0.93	—	0.93	0.86	—	0.86	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	2.97	2.48	24.0	32.0	0.05	0.93	—	0.93	0.86	—	0.86	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.24	1.04	10.0	13.3	0.02	0.39	—	0.39	0.36	—	0.36	—	2,224	2,224	0.09	0.02	—	2,231
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.23	0.19	1.83	2.43	< 0.005	0.07	—	0.07	0.07	—	0.07	—	368	368	0.01	< 0.005	—	369
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.44	0.38	5.29	4.67	0.01	0.01	0.10	0.11	0.01	0.03	0.03	—	981	981	0.03	0.15	1.02	1,028
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.37	0.33	5.66	4.90	0.01	0.01	0.10	0.11	0.01	0.03	0.03	—	997	997	0.03	0.15	0.03	1,043
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.17	0.15	2.28	2.01	0.01	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	412	412	0.01	0.06	0.18	431
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.03	0.03	0.42	0.37	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	68.2	68.2	< 0.005	0.01	0.03	71.4
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

### 3.8. Building Construction (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	1.32	1.16	9.04	34.6	0.05	0.27	—	0.27	0.26	—	0.26	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.32	1.16	9.04	34.6	0.05	0.27	—	0.27	0.26	—	0.26	—	5,335	5,335	0.22	0.04	—	5,353
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.55	0.48	3.77	14.4	0.02	0.11	—	0.11	0.11	—	0.11	—	2,224	2,224	0.09	0.02	—	2,231
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.10	0.09	0.69	2.64	< 0.005	0.02	—	0.02	0.02	—	0.02	—	368	368	0.01	< 0.005	—	369
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.44	0.38	5.29	4.67	0.01	0.01	0.10	0.11	0.01	0.03	0.03	—	981	981	0.03	0.15	1.02	1,028
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.37	0.33	5.66	4.90	0.01	0.01	0.10	0.11	0.01	0.03	0.03	—	997	997	0.03	0.15	0.03	1,043
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.17	0.15	2.28	2.01	0.01	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	412	412	0.01	0.06	0.18	431
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.03	0.03	0.42	0.37	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	68.2	68.2	< 0.005	0.01	0.03	71.4
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

### 3.9. Onsite Paving (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	5.57	4.68	41.7	54.9	0.08	1.94	—	1.94	1.79	—	1.79	—	8,265	8,265	0.34	0.07	—	8,294
Onsite truck	0.00	0.00	0.00	0.00	0.00	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.46	0.38	3.43	4.51	0.01	0.16	—	0.16	0.15	—	0.15	—	679	679	0.03	0.01	—	682

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.08	0.07	0.63	0.82	< 0.005	0.03	—	0.03	0.03	—	0.03	—	112	112	< 0.005	< 0.005	—	113	
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.05	0.04	0.55	0.49	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	103	103	< 0.005	0.02	0.11	108	
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	< 0.005	< 0.005	0.05	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.49	8.49	< 0.005	< 0.005	< 0.005	8.89	
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.47	
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. Onsite Paving (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
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Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.02	2.63	16.3	58.0	0.08	0.72	—	0.72	0.67	—	0.67	—	8,265	8,265	0.34	0.07	—	8,294
Onsite truck	0.00	0.00	0.00	0.00	0.00	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.22	1.34	4.77	0.01	0.06	—	0.06	0.06	—	0.06	—	679	679	0.03	0.01	—	682
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.04	0.25	0.87	< 0.005	0.01	—	0.01	0.01	—	0.01	—	112	112	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.05	0.04	0.55	0.49	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	103	103	< 0.005	0.02	0.11	108
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.05	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.49	8.49	< 0.005	< 0.005	< 0.005	8.89
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.47
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. Offsite Paving (Continual and Final) (2024) - 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	1.52	1.28	11.7	15.0	0.02	0.58	—	0.58	0.54	—	0.54	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.18	0.15	1.40	1.80	< 0.005	0.07	—	0.07	0.06	—	0.06	—	271	271	0.01	< 0.005	—	272
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.26	0.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.8	44.8	< 0.005	< 0.005	—	45.0	
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.8	12.8	< 0.005	< 0.005	< 0.005	13.4	
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.51	1.51	< 0.005	< 0.005	< 0.005	1.58	
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.25	0.25	< 0.005	< 0.005	< 0.005	0.26	
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. Offsite Paving (Continual and Final) (2024) - 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	0.71	0.62	3.67	16.0	0.02	0.17	—	0.17	0.16	—	0.16	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.07	0.44	1.91	< 0.005	0.02	—	0.02	0.02	—	0.02	—	271	271	0.01	< 0.005	—	272
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.8	44.8	< 0.005	< 0.005	—	45.0
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.8	12.8	< 0.005	< 0.005	< 0.005	13.4
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.51	1.51	< 0.005	< 0.005	< 0.005	1.58
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.25	0.25	< 0.005	< 0.005	< 0.005	0.26
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. Offsite Paving (Continual and Final) (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	1.43	1.20	11.2	15.0	0.02	0.52	—	0.52	0.48	—	0.48	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.43	1.20	11.2	15.0	0.02	0.52	—	0.52	0.48	—	0.48	—	2,267	2,267	0.09	0.02	—	2,275

Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.74	0.62	5.80	7.76	0.01	0.27	—	0.27	0.25	—	0.25	—	1,176	1,176	0.05	0.01	—	1,180
Paving	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.14	0.11	1.06	1.42	< 0.005	0.05	—	0.05	0.05	—	0.05	—	195	195	0.01	< 0.005	—	195
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.01	12.9
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	< 0.005	13.1
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.43	6.43	< 0.005	< 0.005	< 0.005	6.73
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.11
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. Offsite Paving (Continual and Final) (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	0.66	0.59	3.57	15.9	0.02	0.16	—	0.16	0.15	—	0.15	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.66	0.59	3.57	15.9	0.02	0.16	—	0.16	0.15	—	0.15	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.34	0.30	1.85	8.25	0.01	0.08	—	0.08	0.08	—	0.08	—	1,176	1,176	0.05	0.01	—	1,180

Paving	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.06	0.34	1.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	195	195	0.01	< 0.005	—	195
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.01	12.9
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	< 0.005	13.1
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.43	6.43	< 0.005	< 0.005	< 0.005	6.73
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.11

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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### 3.15. Testing (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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536	
Architect ural Coatings	—	21.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536	
Architect ural Coatings	—	21.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.78	8.78	< 0.005	< 0.005	—	8.81	
Architect ural Coatings	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	1.45	1.45	< 0.005	< 0.005	—	1.46
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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
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### 3.16. Testing (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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536
Architect ural Coatings	—	9.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.41	0.34	3.27	3.53	0.01	0.09	—	0.09	0.08	—	0.08	—	534	534	0.02	< 0.005	—	536
Architect ural Coatings	—	9.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.78	8.78	< 0.005	< 0.005	—	8.81
Architect ural Coatings	—	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.45	1.45	< 0.005	< 0.005	—	1.46	
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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
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### 3.17. Architectural Coating (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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735	
Architect ural Coatings	—	25.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735	
Architect ural Coatings	—	25.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.02	0.02	0.15	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.1	26.1	< 0.005	< 0.005	—	26.2	
Architect ural Coatings	—	0.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	4.32	4.32	< 0.005	< 0.005	—	4.34
Architectural Coatings	—	0.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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
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### 3.18. Architectural Coating (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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735	
Architect ural Coatings	—	11.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.57	0.47	4.27	5.17	0.01	0.09	—	0.09	0.09	—	0.09	—	733	733	0.03	0.01	—	735	
Architect ural Coatings	—	11.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.02	0.02	0.15	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.1	26.1	< 0.005	< 0.005	—	26.2	
Architect ural Coatings	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	4.32	4.32	< 0.005	< 0.005	—	4.34
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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
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### 3.19. Offsite Architectural Coating (Striping) (2024) - 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	0.66	0.55	3.63	4.59	0.01	0.13	—	0.13	0.12	—	0.12	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	26.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.43	0.55	< 0.005	0.02	—	0.02	0.01	—	0.01	—	63.8	63.8	< 0.005	< 0.005	—	64.0
Architectural Coatings	—	3.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.6

Architectural Coatings	—	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.8	12.8	< 0.005	< 0.005	< 0.005	13.4
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.51	1.51	< 0.005	< 0.005	< 0.005	1.58
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.25	0.25	< 0.005	< 0.005	< 0.005	0.26
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. Offsite Architectural Coating (Striping) (2024) - 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	0.66	0.55	3.63	4.59	0.01	0.13	—	0.13	0.12	—	0.12	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	11.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.07	0.43	0.55	< 0.005	0.02	—	0.02	0.01	—	0.01	—	63.8	63.8	< 0.005	< 0.005	—	64.0
Architectural Coatings	—	1.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.08	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.6
Architectural Coatings	—	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.8	12.8	< 0.005	< 0.005	< 0.005	13.4
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.51	1.51	< 0.005	< 0.005	< 0.005	1.58
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.25	0.25	< 0.005	< 0.005	< 0.005	0.26
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. Offsite Architectural Coating (Striping) (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	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architect ural Coatings	—	26.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	26.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.27	1.88	2.43	< 0.005	0.06	—	0.06	0.05	—	0.05	—	284	284	0.01	< 0.005	—	285
Architectural Coatings	—	14.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.05	0.34	0.44	< 0.005	0.01	—	0.01	0.01	—	0.01	—	47.1	47.1	< 0.005	< 0.005	—	47.2
Architectural Coatings	—	2.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.01	12.9
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	< 0.005	13.1
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.60	6.60	< 0.005	< 0.005	< 0.005	6.91
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.09	1.09	< 0.005	< 0.005	< 0.005	1.14
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. Offsite Architectural Coating (Striping) (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	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architect ural Coatings	—	11.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.62	0.51	3.53	4.56	0.01	0.11	—	0.11	0.10	—	0.10	—	534	534	0.02	< 0.005	—	536
Architectural Coatings	—	11.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.33	0.27	1.88	2.43	< 0.005	0.06	—	0.06	0.05	—	0.05	—	284	284	0.01	< 0.005	—	285
Architectural Coatings	—	6.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.05	0.34	0.44	< 0.005	0.01	—	0.01	0.01	—	0.01	—	47.1	47.1	< 0.005	< 0.005	—	47.2
Architectural Coatings	—	1.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.01	12.9
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	< 0.005	13.1
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.60	6.60	< 0.005	< 0.005	< 0.005	6.91
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.09	1.09	< 0.005	< 0.005	< 0.005	1.14
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. Offsite Road Removal/Utility Install (2024) - 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	1.81	1.50	12.8	15.7	0.02	0.48	—	0.48	0.44	—	0.44	—	2,274	2,274	0.09	0.02	—	2,282

Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.18	1.53	1.87	< 0.005	0.06	—	0.06	0.05	—	0.05	—	271	271	0.01	< 0.005	—	272
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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	0.04	0.03	0.28	0.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.9	44.9	< 0.005	< 0.005	—	45.1
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.8	12.8	< 0.005	< 0.005	< 0.005	13.4
Hauling	0.02	0.02	0.42	0.33	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	70.3	70.3	< 0.005	0.01	< 0.005	73.6

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.51	1.51	< 0.005	< 0.005	< 0.005	1.58
Hauling	< 0.005	< 0.005	0.05	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.28	8.28	< 0.005	< 0.005	< 0.005	8.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.25	0.25	< 0.005	< 0.005	< 0.005	0.26
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.44

### 3.24. Offsite Road Removal/Utility Install (2024) - 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	1.47	1.23	9.61	16.0	0.02	0.33	—	0.33	0.31	—	0.31	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.15	1.91	< 0.005	0.04	—	0.04	0.04	—	0.04	—	271	271	0.01	< 0.005	—	272

Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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	0.03	0.03	0.21	0.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.9	44.9	< 0.005	< 0.005	—	45.1
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.8	12.8	< 0.005	< 0.005	< 0.005	13.4
Hauling	0.02	0.02	0.42	0.33	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	70.3	70.3	< 0.005	0.01	< 0.005	73.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.51	1.51	< 0.005	< 0.005	< 0.005	1.58
Hauling	< 0.005	< 0.005	0.05	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.28	8.28	< 0.005	< 0.005	< 0.005	8.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.25	0.25	< 0.005	< 0.005	< 0.005	0.26



Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.44
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### 3.25. Offsite Road Removal/Utility Install (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	1.71	1.42	12.3	15.6	0.02	0.41	—	0.41	0.38	—	0.38	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.71	1.42	12.3	15.6	0.02	0.41	—	0.41	0.38	—	0.38	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.43	3.71	4.70	0.01	0.12	—	0.12	0.11	—	0.11	—	685	685	0.03	0.01	—	688

Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	
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	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.09	0.08	0.68	0.86	< 0.005	0.02	—	0.02	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	114
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	
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	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.01	12.9
Hauling	0.03	0.02	0.38	0.32	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	67.3	67.3	< 0.005	0.01	0.04	70.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	
Vendor	< 0.005	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	< 0.005	13.1
Hauling	0.02	0.02	0.41	0.33	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	68.8	68.8	< 0.005	0.01	< 0.005	72.0
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.74	3.74	< 0.005	< 0.005	< 0.005	3.91
Hauling	0.01	0.01	0.12	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	20.5	20.5	< 0.005	< 0.005	0.01	21.4

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.62	0.62	< 0.005	< 0.005	< 0.005	0.65
Hauling	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.39	3.39	< 0.005	< 0.005	< 0.005	3.55

### 3.26. Offsite Road Removal/Utility Install (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	1.41	1.18	9.42	16.0	0.02	0.30	—	0.30	0.28	—	0.28	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.18	9.42	16.0	0.02	0.30	—	0.30	0.28	—	0.28	—	2,274	2,274	0.09	0.02	—	2,282
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.42	0.36	2.84	4.81	0.01	0.09	—	0.09	0.08	—	0.08	—	685	685	0.03	0.01	—	688
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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	0.08	0.06	0.52	0.88	< 0.005	0.02	—	0.02	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	114
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.01	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.01	12.9
Hauling	0.03	0.02	0.38	0.32	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	67.3	67.3	< 0.005	0.01	0.04	70.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	0.07	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	< 0.005	13.1
Hauling	0.02	0.02	0.41	0.33	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	68.8	68.8	< 0.005	0.01	< 0.005	72.0
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.74	3.74	< 0.005	< 0.005	< 0.005	3.91
Hauling	0.01	0.01	0.12	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	20.5	20.5	< 0.005	< 0.005	0.01	21.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.62	0.62	< 0.005	< 0.005	< 0.005	0.65
Hauling	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.39	3.39	< 0.005	< 0.005	< 0.005	3.55

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.42	0.35	14.6	2.90	0.15	0.32	4.87	5.19	0.30	1.30	1.60	—	15,733	15,733	0.03	2.26	44.1	16,451
Unrefrigerated Warehouse-Rail	3.65	3.11	99.9	22.7	0.91	2.13	33.4	35.5	2.03	8.96	11.0	—	95,779	95,779	0.23	13.8	325	100,210
General Heavy Industry	2.64	2.24	65.0	16.9	0.61	1.34	22.9	24.3	1.28	6.15	7.43	—	63,883	63,883	0.17	8.82	231	66,748
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	6.71	5.70	180	42.5	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,395	175,395	0.44	24.8	600	183,409	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unrefrigerated Warehouse-No Rail	0.41	0.34	15.4	2.91	0.15	0.32	4.87	5.19	0.30	1.30	1.60	—	15,737	15,737	0.03	2.26	1.14	16,413	
Unrefrigerated Warehouse-Rail	3.57	3.04	105	22.7	0.91	2.13	33.4	35.5	2.04	8.96	11.0	—	95,801	95,801	0.23	13.8	8.44	99,919	
General Heavy Industry	2.59	2.20	68.3	16.8	0.61	1.34	22.9	24.3	1.29	6.15	7.43	—	63,895	63,895	0.17	8.84	5.99	66,539	
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	6.57	5.58	189	42.4	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,433	175,433	0.44	24.9	15.6	182,870	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unrefrigerated Warehouse-No Rail	0.08	0.06	2.84	0.53	0.03	0.06	0.89	0.95	0.06	0.24	0.29	—	2,605	2,605	0.01	0.37	3.15	2,720	
Unrefrigerated Warehouse-Rail	0.66	0.56	19.4	4.11	0.17	0.39	6.08	6.47	0.37	1.63	2.01	—	15,859	15,859	0.04	2.28	23.3	16,563	

General Heavy Industry	0.48	0.40	12.6	3.05	0.11	0.25	4.18	4.42	0.23	1.12	1.36	—	10,577	10,577	0.03	1.46	16.5	11,031
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	1.21	1.03	34.9	7.69	0.30	0.69	11.2	11.8	0.66	2.99	3.65	—	29,041	29,041	0.07	4.12	42.9	30,313

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.42	0.35	14.6	2.90	0.15	0.32	4.87	5.19	0.30	1.30	1.60	—	15,733	15,733	0.03	2.26	44.1	16,451
Unrefrigerated Warehouse-Rail	3.65	3.11	99.9	22.7	0.91	2.13	33.4	35.5	2.03	8.96	11.0	—	95,779	95,779	0.23	13.8	325	100,210
General Heavy Industry	2.64	2.24	65.0	16.9	0.61	1.34	22.9	24.3	1.28	6.15	7.43	—	63,883	63,883	0.17	8.82	231	66,748
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	6.71	5.70	180	42.5	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,395	175,395	0.44	24.8	600	183,409

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.41	0.34	15.4	2.91	0.15	0.32	4.87	5.19	0.30	1.30	1.60	—	15,737	15,737	0.03	2.26	1.14	16,413
Unrefrigerated Warehouse-Rail	3.57	3.04	105	22.7	0.91	2.13	33.4	35.5	2.04	8.96	11.0	—	95,801	95,801	0.23	13.8	8.44	99,919
General Heavy Industry	2.59	2.20	68.3	16.8	0.61	1.34	22.9	24.3	1.29	6.15	7.43	—	63,895	63,895	0.17	8.84	5.99	66,539
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	6.57	5.58	189	42.4	1.67	3.79	61.1	64.9	3.62	16.4	20.0	—	175,433	175,433	0.44	24.9	15.6	182,870
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.08	0.06	2.84	0.53	0.03	0.06	0.89	0.95	0.06	0.24	0.29	—	2,605	2,605	0.01	0.37	3.15	2,720
Unrefrigerated Warehouse-Rail	0.66	0.56	19.4	4.11	0.17	0.39	6.08	6.47	0.37	1.63	2.01	—	15,859	15,859	0.04	2.28	23.3	16,563
General Heavy Industry	0.48	0.40	12.6	3.05	0.11	0.25	4.18	4.42	0.23	1.12	1.36	—	10,577	10,577	0.03	1.46	16.5	11,031
Parking Lot	0.00	0.00	0.00	0.00	0.00	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	1.21	1.03	34.9	7.69	0.30	0.69	11.2	11.8	0.66	2.99	3.65	—	29,041	29,041	0.07	4.12	42.9	30,313	

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	838	838	0.08	0.01	—	843
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	3,303	3,303	0.31	0.04	—	3,322
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,673	3,673	0.35	0.04	—	3,694
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	432	432	0.04	< 0.005	—	435
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	8,332	8,332	0.79	0.10	—	8,381
Total	—	—	—	—	—	—	—	—	—	—	—	—	16,579	16,579	1.58	0.19	—	16,675

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	838	838	0.08	0.01	—	843
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	3,303	3,303	0.31	0.04	—	3,322
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,673	3,673	0.35	0.04	—	3,694
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	432	432	0.04	< 0.005	—	435
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	8,332	8,332	0.79	0.10	—	8,381
Total	—	—	—	—	—	—	—	—	—	—	—	—	16,579	16,579	1.58	0.19	—	16,675
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	139	139	0.01	< 0.005	—	140
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	547	547	0.05	0.01	—	550
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	608	608	0.06	0.01	—	612

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	71.6	71.6	0.01	< 0.005	—	72.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	1,379	1,379	0.13	0.02	—	1,388
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,745	2,745	0.26	0.03	—	2,761

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	5.09	5.09	< 0.005	< 0.005	—	5.12
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	20.1	20.1	< 0.005	< 0.005	—	20.2
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	10.8	10.8	< 0.005	< 0.005	—	10.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	8,332	8,332	0.79	0.10	—	8,381

Total	—	—	—	—	—	—	—	—	—	—	—	—	8,368	8,368	0.80	0.10	—	8,417
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	8,332	8,332	0.79	0.10	—	8,381
Total	—	—	—	—	—	—	—	—	—	—	—	—	8,332	8,332	0.79	0.10	—	8,381
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.42	0.42	< 0.005	< 0.005	—	0.42
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	1.64	1.64	< 0.005	< 0.005	—	1.65

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	0.88	0.88	< 0.005	< 0.005	—	0.89
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
undefined	—	—	—	—	—	—	—	—	—	—	—	—	1,379	1,379	0.13	0.02	—	1,388
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,382	1,382	0.13	0.02	—	1,390

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.02	0.01	0.18	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	193	193	0.02	< 0.005	—	194
Unrefrigerated Warehouse-Rail	0.08	0.04	0.70	0.59	< 0.005	0.05	—	0.05	0.05	—	0.05	—	761	761	0.07	< 0.005	—	763

General Heavy Industry	0.09	0.05	0.85	0.72	0.01	0.06	—	0.06	0.06	—	0.06	—	924	924	0.08	< 0.005	—	926
Parking Lot	0.00	0.00	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	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	1,877	1,877	0.17	< 0.005	—	1,883

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.05	0.98	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,166	1,166	0.10	< 0.005	—	1,169
Unrefrigerated Warehouse-Rail	0.42	0.21	3.85	3.23	0.02	0.29	—	0.29	0.29	—	0.29	—	4,594	4,594	0.41	0.01	—	4,607
General Heavy Industry	0.51	0.26	4.68	3.93	0.03	0.36	—	0.36	0.36	—	0.36	—	5,580	5,580	0.49	0.01	—	5,596
Parking Lot	0.00	0.00	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	1.05	0.52	9.50	7.98	0.06	0.72	—	0.72	0.72	—	0.72	—	11,340	11,340	1.00	0.02	—	11,372
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.02	0.01	0.18	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	193	193	0.02	< 0.005	—	194
Unrefrigerated Warehouse-Rail	0.08	0.04	0.70	0.59	< 0.005	0.05	—	0.05	0.05	—	0.05	—	761	761	0.07	< 0.005	—	763
General Heavy Industry	0.09	0.05	0.85	0.72	0.01	0.06	—	0.06	0.06	—	0.06	—	924	924	0.08	< 0.005	—	926
Parking Lot	0.00	0.00	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	0.19	0.10	1.73	1.46	0.01	0.13	—	0.13	0.13	—	0.13	—	1,877	1,877	0.17	< 0.005	—	1,883

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	10.5	9.65	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Total	10.5	40.5	0.49	58.8	< 0.005	0.10	—	0.10	0.08	—	0.08	—	242	242	0.01	< 0.005	—	243
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	30.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.94	0.87	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8
Total	0.94	6.50	0.04	5.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	19.7	19.7	< 0.005	< 0.005	—	19.8

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	29.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	29.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	5.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.88	13.1	16.9	0.40	0.01	—	29.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	15.3	43.6	58.9	1.57	0.04	—	109
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	8.23	23.5	31.7	0.85	0.02	—	58.9

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.88	13.1	16.9	0.40	0.01	—	29.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	15.3	43.6	58.9	1.57	0.04	—	109
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	8.23	23.5	31.7	0.85	0.02	—	58.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	27.4	80.1	108	2.82	0.07	—	198
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.64	2.16	2.81	0.07	< 0.005	—	4.93

Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	2.53	7.22	9.75	0.26	0.01	—	18.1
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	1.36	3.89	5.25	0.14	< 0.005	—	9.76
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	4.54	13.3	17.8	0.47	0.01	—	32.8

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.11	10.4	13.6	0.32	0.01	—	23.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	12.2	34.9	47.1	1.26	0.03	—	87.6
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	6.59	18.8	25.4	0.68	0.02	—	47.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	3.11	10.4	13.6	0.32	0.01	—	23.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	12.2	34.9	47.1	1.26	0.03	—	87.6
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	6.59	18.8	25.4	0.68	0.02	—	47.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	21.9	64.1	86.0	2.25	0.05	—	159
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.51	1.73	2.24	0.05	< 0.005	—	3.95
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	2.03	5.77	7.80	0.21	0.01	—	14.5

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	1.09	3.11	4.20	0.11	< 0.005	—	7.81
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	3.63	10.6	14.2	0.37	0.01	—	26.2

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	97.0	0.00	97.0	9.69	0.00	—	339
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	382	0.00	382	38.2	0.00	—	1,336
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	271	0.00	271	27.1	0.00	—	949
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	97.0	0.00	97.0	9.69	0.00	—	339
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	382	0.00	382	38.2	0.00	—	1,336
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	271	0.00	271	27.1	0.00	—	949
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	750	0.00	750	75.0	0.00	—	2,625
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	16.1	0.00	16.1	1.60	0.00	—	56.2
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	63.2	0.00	63.2	6.32	0.00	—	221



General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	44.9	0.00	44.9	4.49	0.00	—	157
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	124	0.00	124	12.4	0.00	—	435

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	24.2	0.00	24.2	2.42	0.00	—	84.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	95.5	0.00	95.5	9.54	0.00	—	334
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	67.8	0.00	67.8	6.78	0.00	—	237
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	24.2	0.00	24.2	2.42	0.00	—	84.8
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	95.5	0.00	95.5	9.54	0.00	—	334
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	67.8	0.00	67.8	6.78	0.00	—	237
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	188	0.00	188	18.7	0.00	—	656
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	4.01	0.00	4.01	0.40	0.00	—	14.0
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	15.8	0.00	15.8	1.58	0.00	—	55.3
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	11.2	0.00	11.2	1.12	0.00	—	39.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	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
Total	—	—	—	—	—	—	—	—	—	—	—	31.1	0.00	31.1	3.10	0.00	—	109

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	106
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.5

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Forklifts	20.8	17.5	167	255	0.35	7.96	—	7.96	7.32	—	7.32	—	37,505	37,505	1.52	0.30	—	37,634
Other Material Handling Equipment	6.02	5.06	41.5	24.5	0.10	1.71	—	1.71	1.57	—	1.57	—	11,175	11,175	0.45	0.09	—	11,213
Total	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	20.8	17.5	167	255	0.35	7.96	—	7.96	7.32	—	7.32	—	37,505	37,505	1.52	0.30	—	37,634
Other Material Handling Equipment	6.02	5.06	41.5	24.5	0.10	1.71	—	1.71	1.57	—	1.57	—	11,175	11,175	0.45	0.09	—	11,213
Total	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	3.80	3.19	30.4	46.5	0.06	1.45	—	1.45	1.34	—	1.34	—	6,209	6,209	0.25	0.05	—	6,231
Other Material Handling Equipment	1.10	0.92	7.57	4.48	0.02	0.31	—	0.31	0.29	—	0.29	—	1,850	1,850	0.08	0.02	—	1,856
Total	4.90	4.12	38.0	51.0	0.08	1.76	—	1.76	1.62	—	1.62	—	8,060	8,060	0.33	0.07	—	8,087

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	20.8	17.5	167	255	0.35	7.96	—	7.96	7.32	—	7.32	—	37,505	37,505	1.52	0.30	—	37,634

Other Material Handling Equipment	6.02	5.06	41.5	24.5	0.10	1.71	—	1.71	1.57	—	1.57	—	11,175	11,175	0.45	0.09	—	11,213
Total	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	20.8	17.5	167	255	0.35	7.96	—	7.96	7.32	—	7.32	—	37,505	37,505	1.52	0.30	—	37,634
Other Material Handling Equipment	6.02	5.06	41.5	24.5	0.10	1.71	—	1.71	1.57	—	1.57	—	11,175	11,175	0.45	0.09	—	11,213
Total	26.8	22.6	208	279	0.45	9.67	—	9.67	8.89	—	8.89	—	48,680	48,680	1.97	0.39	—	48,847
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	3.80	3.19	30.4	46.5	0.06	1.45	—	1.45	1.34	—	1.34	—	6,209	6,209	0.25	0.05	—	6,231
Other Material Handling Equipment	1.10	0.92	7.57	4.48	0.02	0.31	—	0.31	0.29	—	0.29	—	1,850	1,850	0.08	0.02	—	1,856
Total	4.90	4.12	38.0	51.0	0.08	1.76	—	1.76	1.62	—	1.62	—	8,060	8,060	0.33	0.07	—	8,087

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Emergency	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Emergency Generator	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Total	2.70	2.46	6.88	6.28	0.01	0.36	0.00	0.36	0.36	0.00	0.36	0.00	1,259	1,259	0.05	0.01	0.00	1,263
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	0.07	0.06	0.17	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7

### 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	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Site Preparation	Site Preparation	10/1/2024	10/14/2024	5.00	10.0	—
Mass Grading	Grading	10/15/2024	11/25/2024	5.00	30.0	—
Building Construction	Building Construction	11/26/2024	8/1/2025	5.00	179	—
Onsite Paving	Building Construction	8/2/2025	9/12/2025	5.00	30.0	—
Offsite Paving (Continual and Final)	Paving	11/1/2024	9/22/2025	5.00	232	—
Testing	Architectural Coating	9/30/2025	10/7/2025	5.00	6.00	—
Architectural Coating	Architectural Coating	9/13/2025	10/1/2025	5.00	13.0	—
Offsite Architectural Coating (Striping)	Architectural Coating	11/1/2024	9/29/2025	5.00	237	—
Offsite Road Removal/Utility Install	Trenching	11/1/2024	6/3/2025	5.00	153	—

### 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
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Mass Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Mass Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Mass Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Mass Grading	Scrapers	Diesel	Average	4.00	8.00	423	0.48

Mass Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	9.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Aerial Lifts	Diesel	Average	3.00	7.00	46.0	0.31
Onsite Paving	Pavers	Diesel	Average	10.0	8.00	81.0	0.42
Onsite Paving	Paving Equipment	Diesel	Average	10.0	8.00	89.0	0.36
Onsite Paving	Rollers	Diesel	Average	15.0	8.00	36.0	0.38
Offsite Paving (Continual and Final)	Pavers	Diesel	Average	3.00	8.00	81.0	0.42
Offsite Paving (Continual and Final)	Paving Equipment	Diesel	Average	3.00	8.00	89.0	0.36
Offsite Paving (Continual and Final)	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Testing	Generator Sets	Diesel	Average	3.00	8.00	37.0	0.48
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48
Architectural Coating	Aerial Lifts	Diesel	Average	3.00	6.00	46.0	0.31
Offsite Architectural Coating (Striping)	Air Compressors	Diesel	Average	3.00	8.00	37.0	0.48
Offsite Road Removal/Utility Install	Concrete/Industrial Saws	Diesel	Average	3.00	8.00	33.0	0.73
Offsite Road Removal/Utility Install	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Offsite Road Removal/Utility Install	Pumps	Diesel	Average	3.00	8.00	11.0	0.74
Offsite Road Removal/Utility Install	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37

## 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	87.0	0.43
Mass Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Mass Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Mass Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Mass Grading	Scrapers	Diesel	Tier 4 Final	4.00	8.00	423	0.48
Mass Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	7.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	3.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	9.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Aerial Lifts	Diesel	Average	3.00	7.00	46.0	0.31
Onsite Paving	Pavers	Diesel	Tier 4 Final	10.0	8.00	81.0	0.42
Onsite Paving	Paving Equipment	Diesel	Tier 4 Final	10.0	8.00	89.0	0.36
Onsite Paving	Rollers	Diesel	Average	15.0	8.00	36.0	0.38
Offsite Paving (Continual and Final)	Pavers	Diesel	Tier 4 Final	3.00	8.00	81.0	0.42
Offsite Paving (Continual and Final)	Paving Equipment	Diesel	Tier 4 Final	3.00	8.00	89.0	0.36
Offsite Paving (Continual and Final)	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Testing	Generator Sets	Diesel	Average	3.00	8.00	37.0	0.48
Architectural Coating	Air Compressors	Diesel	Average	3.00	6.00	37.0	0.48



Architectural Coating	Aerial Lifts	Diesel	Average	3.00	6.00	46.0	0.31
Offsite Architectural Coating (Striping)	Air Compressors	Diesel	Average	3.00	8.00	37.0	0.48
Offsite Road Removal/Utility Install	Concrete/Industrial Saws	Diesel	Average	3.00	8.00	33.0	0.73
Offsite Road Removal/Utility Install	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Offsite Road Removal/Utility Install	Pumps	Diesel	Average	3.00	8.00	11.0	0.74
Offsite Road Removal/Utility Install	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	0.00	0.00	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Site Preparation	Hauling	182	0.25	HHDT
Site Preparation	Onsite truck	0.00	—	HHDT
Mass Grading	—	—	—	—
Mass Grading	Worker	0.00	0.00	LDA,LDT1,LDT2
Mass Grading	Vendor	8.00	0.25	HHDT,MHDT
Mass Grading	Hauling	178	0.25	HHDT
Mass Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	0.00	0.00	LDA,LDT1,LDT2
Building Construction	Vendor	478	0.25	HHDT,MHDT

Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Onsite Paving	—	—	—	—
Onsite Paving	Worker	0.00	0.00	LDA,LDT1,LDT2
Onsite Paving	Vendor	50.0	0.25	HHDT,MHDT
Onsite Paving	Hauling	0.00	0.25	HHDT
Onsite Paving	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	0.00	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	0.19	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.19	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT
Offsite Paving (Continual and Final)	—	—	—	—
Offsite Paving (Continual and Final)	Worker	0.00	0.00	LDA,LDT1,LDT2
Offsite Paving (Continual and Final)	Vendor	6.00	0.25	HHDT,MHDT
Offsite Paving (Continual and Final)	Hauling	0.00	0.25	HHDT
Offsite Paving (Continual and Final)	Onsite truck	0.00	—	HHDT
Testing	—	—	—	—
Testing	Worker	0.00	0.00	LDA,LDT1,LDT2
Testing	Vendor	0.00	0.25	HHDT,MHDT
Testing	Hauling	0.00	0.25	HHDT
Testing	Onsite truck	0.00	—	HHDT
Offsite Architectural Coating (Striping)	—	—	—	—
Offsite Architectural Coating (Striping)	Worker	0.00	0.00	LDA,LDT1,LDT2
Offsite Architectural Coating (Striping)	Vendor	6.00	0.25	HHDT,MHDT
Offsite Architectural Coating (Striping)	Hauling	0.00	0.25	HHDT
Offsite Architectural Coating (Striping)	Onsite truck	0.00	—	HHDT

Offsite Road Removal/Utility Install	—	—	—	—
Offsite Road Removal/Utility Install	Worker	0.00	18.5	LDA,LDT1,LDT2
Offsite Road Removal/Utility Install	Vendor	6.00	0.25	HHDT,MHDT
Offsite Road Removal/Utility Install	Hauling	22.0	0.25	HHDT
Offsite Road Removal/Utility Install	Onsite truck	0.00	—	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	0.00	0.00	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Site Preparation	Hauling	182	0.25	HHDT
Site Preparation	Onsite truck	0.00	—	HHDT
Mass Grading	—	—	—	—
Mass Grading	Worker	0.00	0.00	LDA,LDT1,LDT2
Mass Grading	Vendor	8.00	0.25	HHDT,MHDT
Mass Grading	Hauling	178	0.25	HHDT
Mass Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	0.00	0.00	LDA,LDT1,LDT2
Building Construction	Vendor	478	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	0.25	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Onsite Paving	—	—	—	—
Onsite Paving	Worker	0.00	0.00	LDA,LDT1,LDT2
Onsite Paving	Vendor	50.0	0.25	HHDT,MHDT
Onsite Paving	Hauling	0.00	0.25	HHDT

Onsite Paving	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	0.00	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	0.19	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.19	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT
Offsite Paving (Continual and Final)	—	—	—	—
Offsite Paving (Continual and Final)	Worker	0.00	0.00	LDA,LDT1,LDT2
Offsite Paving (Continual and Final)	Vendor	6.00	0.25	HHDT,MHDT
Offsite Paving (Continual and Final)	Hauling	0.00	0.25	HHDT
Offsite Paving (Continual and Final)	Onsite truck	0.00	—	HHDT
Testing	—	—	—	—
Testing	Worker	0.00	0.00	LDA,LDT1,LDT2
Testing	Vendor	0.00	0.25	HHDT,MHDT
Testing	Hauling	0.00	0.25	HHDT
Testing	Onsite truck	0.00	—	HHDT
Offsite Architectural Coating (Striping)	—	—	—	—
Offsite Architectural Coating (Striping)	Worker	0.00	0.00	LDA,LDT1,LDT2
Offsite Architectural Coating (Striping)	Vendor	6.00	0.25	HHDT,MHDT
Offsite Architectural Coating (Striping)	Hauling	0.00	0.25	HHDT
Offsite Architectural Coating (Striping)	Onsite truck	0.00	—	HHDT
Offsite Road Removal/Utility Install	—	—	—	—
Offsite Road Removal/Utility Install	Worker	0.00	18.5	LDA,LDT1,LDT2
Offsite Road Removal/Utility Install	Vendor	6.00	0.25	HHDT,MHDT
Offsite Road Removal/Utility Install	Hauling	22.0	0.25	HHDT
Offsite Road Removal/Utility Install	Onsite truck	0.00	—	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	0.00	0.00	102,207	34,069	4,609
Testing	0.00	0.00	39,747	13,249	1,793
Offsite Architectural Coating (Striping)	0.00	0.00	1,885,146	628,382	85,018

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	0.00	0.00	—
Mass Grading	—	84,103	81.1	0.00	—
Offsite Paving (Continual and Final)	0.00	0.00	0.00	0.00	35.0
Offsite Road Removal/Utility Install	—	—	23.0	0.00	—

### 5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Unrefrigerated Warehouse-No Rail	0.00	0%
Unrefrigerated Warehouse-Rail	0.00	0%
Unrefrigerated Warehouse-Rail	0.00	0%
General Heavy Industry	0.00	0%
General Heavy Industry	0.00	0%
Parking Lot	11.9	100%
Other Asphalt Surfaces	23.0	100%

## 5.8. Construction Electricity Consumption and Emissions Factors

### kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	349	0.03	< 0.005
2025	0.00	349	0.03	< 0.005

## 5.9. Operational Mobile Sources

### 5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VM/Weekday	VM/Saturday	VM/Sunday	VM/Year
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	90.0	90.0	90.0	32,852	5,589	5,589	5,589	2,040,118
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Unrefrigerated Warehouse-Rail	610	610	610	222,664	37,883	37,883	37,883	13,827,444
General Heavy Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Heavy Industry	423	423	423	154,441	26,276	26,276	26,276	9,590,765
Parking Lot	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
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	90.0	90.0	90.0	32,852	5,589	5,589	5,589	2,040,118
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-Rail	610	610	610	222,664	37,883	37,883	37,883	13,827,444
General Heavy Industry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Heavy Industry	423	423	423	154,441	26,276	26,276	26,276	9,590,765
Parking Lot	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

## 5.10.1.2. Mitigated

## 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)
0	0.00	2,027,100	675,700	91,420

## 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)
Unrefrigerated Warehouse-No Rail	640,914	346	0.0330	0.0040	2,638,017
Unrefrigerated Warehouse-No Rail	243,105	346	0.0330	0.0040	1,000,627



Unrefrigerated Warehouse-Rail	1,925,824	346	0.0330	0.0040	7,926,731
Unrefrigerated Warehouse-Rail	1,556,678	346	0.0330	0.0040	6,407,321
General Heavy Industry	3,043,640	346	0.0330	0.0040	13,685,645
General Heavy Industry	828,675	346	0.0330	0.0040	3,726,117
Parking Lot	455,728	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	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)
Unrefrigerated Warehouse-No Rail	0.00	346	0.0330	0.0040	2,638,017
Unrefrigerated Warehouse-No Rail	0.00	346	0.0330	0.0040	1,000,627
Unrefrigerated Warehouse-Rail	< 0.005	346	0.0330	0.0040	7,926,731
Unrefrigerated Warehouse-Rail	< 0.005	346	0.0330	0.0040	6,407,321
General Heavy Industry	0.00	346	0.0330	0.0040	13,685,645
General Heavy Industry	0.00	346	0.0330	0.0040	3,726,117
Parking Lot	< 0.005	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	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)
Unrefrigerated Warehouse-No Rail	1,468,792	496,528
Unrefrigerated Warehouse-No Rail	557,128	0.00
Unrefrigerated Warehouse-Rail	4,413,436	0.00

Unrefrigerated Warehouse-Rail	3,567,461	0.00
General Heavy Industry	3,377,761	0.00
General Heavy Industry	919,645	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

### 5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	1,175,034	397,222
Unrefrigerated Warehouse-No Rail	445,702	0.00
Unrefrigerated Warehouse-Rail	3,530,749	0.00
Unrefrigerated Warehouse-Rail	2,853,969	0.00
General Heavy Industry	2,702,209	0.00
General Heavy Industry	735,716	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

### 5.13. Operational Waste Generation

#### 5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	130	—
Unrefrigerated Warehouse-No Rail	49.5	—
Unrefrigerated Warehouse-Rail	392	—
Unrefrigerated Warehouse-Rail	317	—
General Heavy Industry	396	—
General Heavy Industry	108	—

Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

### 5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	32.6	—
Unrefrigerated Warehouse-No Rail	12.4	—
Unrefrigerated Warehouse-Rail	98.0	—
Unrefrigerated Warehouse-Rail	79.2	—
General Heavy Industry	98.9	—
General Heavy Industry	26.9	—
Parking Lot	0.00	—
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
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

### 5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
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## 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
Forklifts	Diesel	Average	82.0	24.0	82.0	0.20
Forklifts	Electric	Average	82.0	24.0	82.0	0.20
Other Material Handling Equipment	Diesel	Average	5.00	24.0	200	0.40

### 5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Forklifts	Diesel	Average	82.0	24.0	82.0	0.20
Forklifts	Electric	Average	82.0	24.0	82.0	0.20
Other Material Handling Equipment	Diesel	Average	5.00	24.0	200	0.40

## 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
Emergency Generator	Diesel	3.00	1.00	50.0	500	0.73

### 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	33.2	annual days of extreme heat
Extreme Precipitation	1.05	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	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  $\frac{3}{4}$  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	84.6
AQ-PM	9.66
AQ-DPM	6.31
Drinking Water	30.2
Lead Risk Housing	30.1
Pesticides	0.00
Toxic Releases	17.9
Traffic	18.1
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	45.2
Haz Waste Facilities/Generators	19.2
Impaired Water Bodies	51.2
Solid Waste	75.7
Sensitive Population	—
Asthma	84.9
Cardio-vascular	87.4
Low Birth Weights	50.5
Socioeconomic Factor Indicators	—
Education	64.5
Housing	47.1
Linguistic	34.6
Poverty	67.0



Unemployment	95.5
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## 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	32.02874374
Employed	23.52110869
Median HI	53.11176697
Education	—
Bachelor's or higher	21.19851148
High school enrollment	13.5249583
Preschool enrollment	35.44206339
Transportation	—
Auto Access	78.96830489
Active commuting	9.470037213
Social	—
2-parent households	61.99153086
Voting	36.04516874
Neighborhood	—
Alcohol availability	89.14410368
Park access	25.3560888
Retail density	9.354548954
Supermarket access	4.978827153
Tree canopy	0.61593738
Housing	—
Homeownership	71.07660721

Housing habitability	66.22610035
Low-inc homeowner severe housing cost burden	74.99037598
Low-inc renter severe housing cost burden	40.13858591
Uncrowded housing	41.35762864
Health Outcomes	—
Insured adults	34.04337226
Arthritis	60.6
Asthma ER Admissions	15.2
High Blood Pressure	69.1
Cancer (excluding skin)	74.5
Asthma	18.0
Coronary Heart Disease	74.7
Chronic Obstructive Pulmonary Disease	42.5
Diagnosed Diabetes	48.6
Life Expectancy at Birth	15.7
Cognitively Disabled	21.0
Physically Disabled	50.9
Heart Attack ER Admissions	6.3
Mental Health Not Good	26.2
Chronic Kidney Disease	73.0
Obesity	25.8
Pedestrian Injuries	41.3
Physical Health Not Good	37.1
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	33.9
Current Smoker	23.0

No Leisure Time for Physical Activity	40.8
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	22.0
Elderly	91.2
English Speaking	81.5
Foreign-born	37.1
Outdoor Workers	19.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	77.3
Traffic Density	30.2
Traffic Access	23.0
Other Indices	—
Hardship	67.4
Other Decision Support	—
2016 Voting	35.6

### 7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	57.0
Healthy Places Index Score for Project Location (b)	33.0
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
Construction: Construction Phases	Construction schedule approved by applicant.
Construction: Off-Road Equipment	Construction equipment assumptions approved by the applicant.
Construction: Dust From Material Movement	Per preliminary project details, approximately 81.10 acres would be graded. 23 acres graded for offsite utilities and roadway improvements.
Construction: Trips and VMT	On-road vehicle assumptions approved by applicant. For construction HRA analysis- only concerned with localized DPM emissions (i.e., within 1,320 ft of the project site and no gas passenger vehicles).
Operations: Vehicle Data	Trip details consistent with traffic report. Truck hauling distance of 62.1 miles consistent with Mojave Industrial Park Supplemental VMT Analysis (Urban Crossroads 2023). Zeroed out passenger vehicles.
Operations: Fleet Mix	% vehicle split consistent with traffic report.
Operations: Water and Waste Water	Landscaping for project included all within URW-NR. Water use consistent with assumptions from WSA (WSC, June 2023).
Operations: Off-Road Equipment	Operational off-road equipment consistent with SCAQMD High-Cube Warehouse Business Survey.