

APPENDIX A1

CALEEMOD OUTPUT SHEETS

1030 Kaiser Road Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	1030 Kaiser Road
Construction Start Date	7/1/2026
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.60000
Precipitation (days)	42.2000
Location	1030 Kaiser Rd, Napa, CA 94558, USA
County	Napa
City	Napa
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	800
EDFZ	2
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.43

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	130.373	1000sqft	8.03000	130,373	93,962.0	—	—	—

Parking Lot	242.000	Space	2.17800	0.00000	0.00000	—	—	—
General Office Building	23.0070	1000sqft	0.00000	23,007.0	0.00000	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	95.7698	61.1737	40.8705	0.11647	1.49991	7.81090	8.92656	1.37043	3.97386	4.98992	—	15,229.5	15,229.5	0.64608	1.37930	15,674.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.87894	20.0436	17.0916	0.02805	0.69762	0.69064	1.38826	0.65083	0.16930	0.82013	—	3,557.53	3,557.53	0.13813	0.14315	3,603.74
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.83085	11.2179	8.46578	0.01676	0.33154	1.15133	1.48287	0.30554	0.49643	0.80198	—	2,084.50	2,084.50	0.08434	0.11102	2,120.50
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.88163	2.04727	1.54501	0.00306	0.06051	0.21012	0.27062	0.05576	0.09060	0.14636	—	345.114	345.114	0.01396	0.01838	351.073

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.62439	61.1737	40.8705	0.11647	1.49991	7.81090	8.92656	1.37043	3.97386	4.98992	—	15,229.5	15,229.5	0.64608	1.37930	15,674.5
2027	95.7698	19.8907	17.1331	0.02805	0.69762	0.69064	1.38826	0.65083	0.16930	0.82013	—	3,570.20	3,570.20	0.12936	0.13657	3,617.65
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.87894	20.0436	17.0916	0.02805	0.69762	0.69064	1.38826	0.65083	0.16930	0.82013	—	3,557.53	3,557.53	0.13813	0.14315	3,603.74
2027	0.86470	19.9809	16.9167	0.02805	0.69762	0.69064	1.38826	0.65083	0.16930	0.82013	—	3,535.42	3,535.42	0.13347	0.13794	3,579.95
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.37846	11.2179	8.46578	0.01676	0.33154	1.15133	1.48287	0.30554	0.49643	0.80198	—	2,084.50	2,084.50	0.08434	0.11102	2,120.50
2027	4.83085	8.28771	7.01093	0.01147	0.29576	0.26894	0.56470	0.27614	0.06579	0.34193	—	1,442.37	1,442.37	0.05341	0.05415	1,460.44
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.06907	2.04727	1.54501	0.00306	0.06051	0.21012	0.27062	0.05576	0.09060	0.14636	—	345.114	345.114	0.01396	0.01838	351.073
2027	0.88163	1.51251	1.27949	0.00209	0.05398	0.04908	0.10306	0.05040	0.01201	0.06240	—	238.800	238.800	0.00884	0.00896	241.792

2.2.2. Onsite 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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.37077	50.3265	36.3865	0.06231	1.39674	7.66623	8.78189	1.26725	3.93995	4.95601	—	6,747.30	6,747.30	0.27370	0.05474	6,770.46
2027	95.7231	18.8719	14.3019	0.02340	0.68831	0.00000	0.68831	0.64152	0.00000	0.64152	—	2,397.08	2,397.08	0.09724	0.01945	2,405.30
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.62027	18.8719	14.3019	0.02340	0.68831	0.00000	0.68831	0.64152	0.00000	0.64152	—	2,397.24	2,397.24	0.09724	0.01945	2,405.47

2027	0.62027	18.8719	14.3019	0.02340	0.68831	0.00000	0.68831	0.64152	0.00000	0.64152	—	2,397.08	2,397.08	0.09724	0.01945	2,405.30
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.30381	10.3510	7.58223	0.01278	0.32386	0.87048	1.19434	0.29787	0.42376	0.72163	—	1,354.92	1,354.92	0.05496	0.01099	1,359.57
2027	4.73374	7.87281	5.99412	0.00967	0.29217	0.00000	0.29217	0.27255	0.00000	0.27255	—	992.437	992.437	0.04026	0.00805	995.843
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.05545	1.88905	1.38376	0.00233	0.05910	0.15886	0.21797	0.05436	0.07734	0.13170	—	224.323	224.323	0.00910	0.00182	225.093
2027	0.86391	1.43679	1.09393	0.00177	0.05332	0.00000	0.05332	0.04974	0.00000	0.04974	—	164.309	164.309	0.00667	0.00133	164.873

2.2.3. Offsite 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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.26800	10.8472	4.48403	0.05417	0.10318	2.28292	2.38610	0.10318	0.63264	0.73581	—	8,482.18	8,482.18	0.37238	1.32456	8,904.08
2027	0.25376	1.01883	2.83118	0.00466	0.00931	0.69064	0.69995	0.00931	0.16930	0.17861	—	1,173.12	1,173.12	0.03213	0.11712	1,212.35
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.25867	1.17166	2.78970	0.00466	0.00931	0.69064	0.69995	0.00931	0.16930	0.17861	—	1,160.29	1,160.29	0.04089	0.12370	1,198.27
2027	0.24443	1.10905	2.61479	0.00466	0.00931	0.69064	0.69995	0.00931	0.16930	0.17861	—	1,138.34	1,138.34	0.03624	0.11849	1,174.65
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.07465	0.86693	0.88355	0.00398	0.00768	0.28085	0.28853	0.00768	0.07268	0.08035	—	729.582	729.582	0.02938	0.10002	760.929
2027	0.09711	0.41490	1.01680	0.00179	0.00359	0.26894	0.27253	0.00359	0.06579	0.06938	—	449.929	449.929	0.01315	0.04609	464.597
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.01362	0.15822	0.16125	0.00073	0.00140	0.05126	0.05266	0.00140	0.01326	0.01466	—	120.791	120.791	0.00486	0.01656	125.980
2027	0.01772	0.07572	0.18557	0.00033	0.00066	0.04908	0.04974	0.00066	0.01201	0.01266	—	74.4909	74.4909	0.00218	0.00763	76.9193

2.3. 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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.56655	1.89712	20.3187	0.03402	0.04698	2.95027	2.99725	0.04237	0.75038	0.79275	143.187	4,772.19	4,915.37	14.8280	0.34674	5,401.37
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.40227	2.10862	13.2495	0.03198	0.03516	2.95027	2.98542	0.03343	0.75038	0.78381	143.187	4,578.36	4,721.54	14.8463	0.36089	5,200.61
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.91473	1.99745	15.9191	0.03233	0.03949	2.87092	2.91042	0.03634	0.73055	0.76689	143.187	4,607.96	4,751.15	14.8369	0.35472	5,232.98
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.07944	0.36453	2.90524	0.00590	0.00721	0.52394	0.53115	0.00663	0.13332	0.13996	23.7062	762.901	786.607	2.45642	0.05873	866.379

2.4. 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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.70044	1.74237	13.5581	0.03345	0.02994	2.95027	2.98021	0.02822	0.75038	0.77860	—	3,416.56	3,416.56	0.13309	0.16084	3,479.72
Area	4.83083	0.05613	6.67067	0.00040	0.01185	—	0.01185	0.00896	—	0.00896	—	27.4315	27.4315	0.00115	0.00024	27.5304
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,183.41	1,183.41	0.19145	0.02321	1,195.11
Water	—	—	—	—	—	—	—	—	—	—	65.6078	126.738	192.346	6.74784	0.16232	409.415
Waste	—	—	—	—	—	—	—	—	—	—	77.5787	0.00000	77.5787	7.75371	0.00000	271.421
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05595

Stationar	0.03528	0.09861	0.08996	0.00017	0.00519	0.00000	0.00519	0.00519	0.00000	0.00519	0.00000	18.0496	18.0496	0.00072	0.00014	18.1098
Total	6.56655	1.89712	20.3187	0.03402	0.04698	2.95027	2.99725	0.04237	0.75038	0.79275	143.187	4,772.19	4,915.37	14.8280	0.34674	5,401.37
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.63161	2.01001	13.1595	0.03181	0.02997	2.95027	2.98023	0.02824	0.75038	0.77862	—	3,250.16	3,250.16	0.15259	0.17522	3,306.50
Area	3.73539	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,183.41	1,183.41	0.19145	0.02321	1,195.11
Water	—	—	—	—	—	—	—	—	—	—	65.6078	126.738	192.346	6.74784	0.16232	409.415
Waste	—	—	—	—	—	—	—	—	—	—	77.5787	0.00000	77.5787	7.75371	0.00000	271.421
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05595
Stationar y	0.03528	0.09861	0.08996	0.00017	0.00519	0.00000	0.00519	0.00519	0.00000	0.00519	0.00000	18.0496	18.0496	0.00072	0.00014	18.1098
Total	5.40227	2.10862	13.2495	0.03198	0.03516	2.95027	2.98542	0.03343	0.75038	0.78381	143.187	4,578.36	4,721.54	14.8463	0.36089	5,200.61
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.61400	1.89952	12.5654	0.03202	0.02995	2.87092	2.90088	0.02823	0.73055	0.75878	—	3,271.43	3,271.43	0.14285	0.16897	3,330.50
Area	4.27560	0.02768	3.28964	0.00020	0.00584	—	0.00584	0.00442	—	0.00442	—	13.5279	13.5279	0.00057	0.00012	13.5766
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	1,183.41	1,183.41	0.19145	0.02321	1,195.11
Water	—	—	—	—	—	—	—	—	—	—	65.6078	126.738	192.346	6.74784	0.16232	409.415
Waste	—	—	—	—	—	—	—	—	—	—	77.5787	0.00000	77.5787	7.75371	0.00000	271.421
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05595
Stationar y	0.02513	0.07025	0.06408	0.00012	0.00370	0.00000	0.00370	0.00370	0.00000	0.00370	0.00000	12.8572	12.8572	0.00052	0.00010	12.9001
Total	5.91473	1.99745	15.9191	0.03233	0.03949	2.87092	2.91042	0.03634	0.73055	0.76689	143.187	4,607.96	4,751.15	14.8369	0.35472	5,232.98
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.29455	0.34666	2.29318	0.00584	0.00547	0.52394	0.52941	0.00515	0.13332	0.13848	—	541.623	541.623	0.02365	0.02797	551.402
Area	0.78030	0.00505	0.60036	0.00004	0.00107	—	0.00107	0.00081	—	0.00081	—	2.23969	2.23969	0.00009	0.00002	2.24777
Energy	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	195.927	195.927	0.03170	0.00384	197.864
Water	—	—	—	—	—	—	—	—	—	—	10.8621	20.9830	31.8451	1.11718	0.02687	67.7833

Waste	—	—	—	—	—	—	—	—	—	—	12.8440	0.00000	12.8440	1.28372	0.00000	44.9369
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00926
Stationary	0.00459	0.01282	0.01170	0.00002	0.00067	0.00000	0.00067	0.00067	0.00000	0.00067	0.00000	2.12866	2.12866	0.00009	0.00002	2.13577
Total	1.07944	0.36453	2.90524	0.00590	0.00721	0.52394	0.53115	0.00663	0.13332	0.13996	23.7062	762.901	786.607	2.45642	0.05873	866.379

3. Construction Emissions Details

3.1. Site Preparation (2026)

3.1.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07181	39.8532	28.3078	0.04890	1.11566	—	1.11566	1.01606	—	1.01606	—	5,297.94	5,297.94	0.21491	0.04298	5,316.12
Dust From Material Movement	—	—	—	—	—	7.66623	7.66623	—	3.93995	3.93995	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09397	3.49398	2.48178	0.00429	0.09781	—	0.09781	0.08908	—	0.08908	—	464.477	464.477	0.01884	0.00377	466.071

Dust From Material Movement	—	—	—	—	—	0.67211	0.67211	—	0.34542	0.34542	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01715	0.63765	0.45292	0.00078	0.01785	—	0.01785	0.01626	—	0.01626	—	76.8995	76.8995	0.00312	0.00062	77.1634
Dust From Material Movement	—	—	—	—	—	0.12266	0.12266	—	0.06304	0.06304	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06844	0.04807	0.75472	0.00000	0.00000	0.14466	0.14466	0.00000	0.03391	0.03391	—	149.007	149.007	0.00309	0.00567	151.369
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00570	0.00478	0.05762	0.00000	0.00000	0.01234	0.01234	0.00000	0.00289	0.00289	—	12.2925	12.2925	0.00034	0.00053	12.4817
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00104	0.00087	0.01052	0.00000	0.00000	0.00225	0.00225	0.00000	0.00053	0.00053	—	2.03516	2.03516	0.00006	0.00009	2.06649
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.2. Grading (2026)

3.2.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.37077	50.3265	36.3865	0.06231	1.39674	—	1.39674	1.26725	—	1.26725	—	6,747.30	6,747.30	0.27370	0.05474	6,770.46
Dust From Material Movement	—	—	—	—	—	3.62032	3.62032	—	1.42965	1.42965	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07511	2.75762	1.99378	0.00341	0.07653	—	0.07653	0.06944	—	0.06944	—	369.715	369.715	0.01500	0.00300	370.984
Dust From Material Movement	—	—	—	—	—	0.19837	0.19837	—	0.07834	0.07834	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01371	0.50327	0.36387	0.00062	0.01397	—	0.01397	0.01267	—	0.01267	—	61.2106	61.2106	0.00248	0.00050	61.4206
Dust From Material Movement	—	—	—	—	—	0.03620	0.03620	—	0.01430	0.01430	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07822	0.05494	0.86254	0.00000	0.00000	0.16533	0.16533	0.00000	0.03875	0.03875	—	170.294	170.294	0.00353	0.00648	172.993
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.17540	10.7922	3.62149	0.05417	0.10318	2.11759	2.22077	0.10318	0.59388	0.69706	—	8,311.89	8,311.89	0.36886	1.31808	8,731.09
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00407	0.00341	0.04116	0.00000	0.00000	0.00881	0.00881	0.00000	0.00206	0.00206	—	8.78035	8.78035	0.00024	0.00038	8.91552
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00947	0.61284	0.19943	0.00297	0.00565	0.11358	0.11923	0.00565	0.03193	0.03758	—	455.508	455.508	0.02021	0.07236	477.986
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00074	0.00062	0.00751	0.00000	0.00000	0.00161	0.00161	0.00000	0.00038	0.00038	—	1.45369	1.45369	0.00004	0.00006	1.47607
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00173	0.11184	0.03640	0.00054	0.00103	0.02073	0.02176	0.00103	0.00583	0.00686	—	75.4145	75.4145	0.00335	0.01198	79.1360

3.3. Building Construction (2026)

3.3.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62027	18.8719	14.3019	0.02340	0.68831	—	0.68831	0.64152	—	0.64152	—	2,397.24	2,397.24	0.09724	0.01945	2,405.47
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62027	18.8719	14.3019	0.02340	0.68831	—	0.68831	0.64152	—	0.64152	—	2,397.24	2,397.24	0.09724	0.01945	2,405.47
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13474	4.09937	3.10667	0.00508	0.14952	—	0.14952	0.13935	—	0.13935	—	520.731	520.731	0.02112	0.00422	522.518
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02459	0.74814	0.56697	0.00093	0.02729	—	0.02729	0.02543	—	0.02543	—	86.2130	86.2130	0.00350	0.00070	86.5089
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24295	0.17064	2.67899	0.00000	0.00000	0.51351	0.51351	0.00000	0.12036	0.12036	—	528.923	528.923	0.01096	0.02013	537.306
Vendor	0.02505	0.90615	0.35681	0.00466	0.00931	0.17713	0.18644	0.00931	0.04894	0.05825	—	666.877	666.877	0.02583	0.10164	699.523
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23473	0.21364	2.42591	0.00000	0.00000	0.51351	0.51351	0.00000	0.12036	0.12036	—	493.077	493.077	0.01506	0.02150	499.916
Vendor	0.02394	0.95802	0.36379	0.00466	0.00931	0.17713	0.18644	0.00931	0.04894	0.05825	—	667.209	667.209	0.02583	0.10220	698.355
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05010	0.04203	0.50676	0.00000	0.00000	0.10852	0.10852	0.00000	0.02539	0.02539	—	108.111	108.111	0.00297	0.00467	109.775
Vendor	0.00532	0.20387	0.07859	0.00101	0.00202	0.03760	0.03962	0.00202	0.01041	0.01243	—	144.890	144.890	0.00561	0.02208	151.770
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00914	0.00767	0.09248	0.00000	0.00000	0.01981	0.01981	0.00000	0.00463	0.00463	—	17.8990	17.8990	0.00049	0.00077	18.1746
Vendor	0.00097	0.03721	0.01434	0.00018	0.00037	0.00686	0.00723	0.00037	0.00190	0.00227	—	23.9882	23.9882	0.00093	0.00366	25.1273
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.4. Building Construction (2027)

3.4.1. Onsite - Unmitigated

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

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

Off-Road Equipment	0.62027	18.8719	14.3019	0.02340	0.68831	—	0.68831	0.64152	—	0.64152	—	2,397.08	2,397.08	0.09724	0.01945	2,405.30
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62027	18.8719	14.3019	0.02340	0.68831	—	0.68831	0.64152	—	0.64152	—	2,397.08	2,397.08	0.09724	0.01945	2,405.30
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23913	7.27546	5.51364	0.00902	0.26536	—	0.26536	0.24732	—	0.24732	—	924.118	924.118	0.03749	0.00750	927.289
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04364	1.32777	1.00624	0.00165	0.04843	—	0.04843	0.04514	—	0.04514	—	152.998	152.998	0.00621	0.00124	153.523
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23336	0.15325	2.49000	0.00000	0.00000	0.51351	0.51351	0.00000	0.12036	0.12036	—	519.301	519.301	0.01096	0.02013	527.513
Vendor	0.02040	0.86558	0.34118	0.00466	0.00931	0.17713	0.18644	0.00931	0.04894	0.05825	—	653.818	653.818	0.02117	0.09699	684.834
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22514	0.19625	2.26719	0.00000	0.00000	0.51351	0.51351	0.00000	0.12036	0.12036	—	484.158	484.158	0.01506	0.02150	490.992
Vendor	0.01929	0.91280	0.34761	0.00466	0.00931	0.17713	0.18644	0.00931	0.04894	0.05825	—	654.184	654.184	0.02117	0.09699	683.657
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08521	0.06737	0.84136	0.00000	0.00000	0.19260	0.19260	0.00000	0.04506	0.04506	—	188.410	188.410	0.00475	0.00829	191.321
Vendor	0.00765	0.34417	0.13345	0.00179	0.00359	0.06673	0.07032	0.00359	0.01848	0.02207	—	252.117	252.117	0.00816	0.03739	263.728
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01555	0.01229	0.15355	0.00000	0.00000	0.03515	0.03515	0.00000	0.00822	0.00822	—	31.1934	31.1934	0.00079	0.00137	31.6754
Vendor	0.00140	0.06281	0.02436	0.00033	0.00066	0.01218	0.01283	0.00066	0.00337	0.00403	—	41.7409	41.7409	0.00135	0.00619	43.6632
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Paving (2027)

3.5.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50229	13.3026	10.6002	0.01395	0.57785	—	0.57785	0.54490	—	0.54490	—	1,511.11	1,511.11	0.06130	0.01226	1,516.29
Paving	0.38042	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02064	0.54668	0.43562	0.00057	0.02375	—	0.02375	0.02239	—	0.02239	—	62.1003	62.1003	0.00252	0.00050	62.3134
Paving	0.01563	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00377	0.09977	0.07950	0.00010	0.00433	—	0.00433	0.00409	—	0.00409	—	10.2814	10.2814	0.00042	0.00008	10.3167
Paving	0.00285	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05635	0.03700	0.60127	0.00000	0.00000	0.12400	0.12400	0.00000	0.02906	0.02906	—	125.397	125.397	0.00265	0.00486	127.380
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00219	0.00173	0.02166	0.00000	0.00000	0.00496	0.00496	0.00000	0.00116	0.00116	—	4.84981	4.84981	0.00012	0.00021	4.92475
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00040	0.00032	0.00395	0.00000	0.00000	0.00090	0.00090	0.00000	0.00021	0.00021	—	0.80294	0.80294	0.00002	0.00004	0.81535
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Architectural Coating (2027)

3.6.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05168	1.08770	0.96319	0.00173	0.06578	—	0.06578	0.06108	—	0.06108	—	133.513	133.513	0.00542	0.00108	133.971
Architectural Coatings	95.6714	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00241	0.05066	0.04486	0.00008	0.00306	—	0.00306	0.00284	—	0.00284	—	6.21840	6.21840	0.00025	0.00005	6.23974
Architectural Coatings	4.45593	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00044	0.00925	0.00819	0.00001	0.00056	—	0.00056	0.00052	—	0.00052	—	1.02953	1.02953	0.00004	0.00001	1.03306

Architect Coatings	0.81321	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04667	0.03065	0.49800	0.00000	0.00000	0.10270	0.10270	0.00000	0.02407	0.02407	—	103.860	103.860	0.00219	0.00403	105.503
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00206	0.00163	0.02033	0.00000	0.00000	0.00465	0.00465	0.00000	0.00109	0.00109	—	4.55245	4.55245	0.00011	0.00020	4.62279
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00038	0.00030	0.00371	0.00000	0.00000	0.00085	0.00085	0.00000	0.00020	0.00020	—	0.75371	0.75371	0.00002	0.00003	0.76536
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.95495	0.97850	7.61407	0.01879	0.01682	1.65684	1.67366	0.01585	0.42141	0.43726	—	1,918.71	1,918.71	0.07474	0.09032	1,954.18
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	0.74549	0.76387	5.94398	0.01467	0.01313	1.29343	1.30655	0.01237	0.32898	0.34135	—	1,497.85	1,497.85	0.05835	0.07051	1,525.55
Total	1.70044	1.74237	13.5581	0.03345	0.02994	2.95027	2.98021	0.02822	0.75038	0.77860	—	3,416.56	3,416.56	0.13309	0.16084	3,479.72
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.91629	1.12880	7.39026	0.01786	0.01683	1.65684	1.67367	0.01586	0.42141	0.43727	—	1,825.26	1,825.26	0.08569	0.09840	1,856.90
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	0.71531	0.88121	5.76927	0.01394	0.01314	1.29343	1.30656	0.01238	0.32898	0.34136	—	1,424.90	1,424.90	0.06690	0.07682	1,449.60
Total	1.63161	2.01001	13.1595	0.03181	0.02997	2.95027	2.98023	0.02824	0.75038	0.77862	—	3,250.16	3,250.16	0.15259	0.17522	3,306.50
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	0.16542	0.19468	1.28783	0.00328	0.00307	0.29424	0.29731	0.00289	0.07487	0.07777	—	304.170	304.170	0.01328	0.01571	309.662
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	0.12914	0.15198	1.00535	0.00256	0.00240	0.22970	0.23210	0.00226	0.05845	0.06071	—	237.453	237.453	0.01037	0.01226	241.740
Total	0.29455	0.34666	2.29318	0.00584	0.00547	0.52394	0.52941	0.00515	0.13332	0.13848	—	541.623	541.623	0.02365	0.02797	551.402

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	865.977	865.977	0.14010	0.01698	874.540
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	46.4463	46.4463	0.00751	0.00091	46.9055
General Office Building	—	—	—	—	—	—	—	—	—	—	—	270.986	270.986	0.04384	0.00531	273.666
Total	—	—	—	—	—	—	—	—	—	—	—	1,183.41	1,183.41	0.19145	0.02321	1,195.11
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	865.977	865.977	0.14010	0.01698	874.540
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	46.4463	46.4463	0.00751	0.00091	46.9055
General Office Building	—	—	—	—	—	—	—	—	—	—	—	270.986	270.986	0.04384	0.00531	273.666
Total	—	—	—	—	—	—	—	—	—	—	—	1,183.41	1,183.41	0.19145	0.02321	1,195.11
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	143.372	143.372	0.02319	0.00281	144.790
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	7.68971	7.68971	0.00124	0.00015	7.76575
General Office Building	—	—	—	—	—	—	—	—	—	—	—	44.8648	44.8648	0.00726	0.00088	45.3085
Total	—	—	—	—	—	—	—	—	—	—	—	195.927	195.927	0.03170	0.00384	197.864

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

General Office Building	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	3.28979	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.44559	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.09544	0.05613	6.67067	0.00040	0.01185	—	0.01185	0.00896	—	0.00896	—	27.4315	27.4315	0.00115	0.00024	27.5304
Total	4.83083	0.05613	6.67067	0.00040	0.01185	—	0.01185	0.00896	—	0.00896	—	27.4315	27.4315	0.00115	0.00024	27.5304
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	3.28979	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.44559	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	3.73539	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.60039	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.08132	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.09859	0.00505	0.60036	0.00004	0.00107	—	0.00107	0.00081	—	0.00081	—	2.23969	2.23969	0.00009	0.00002	2.24777

Total	0.78030	0.00505	0.60036	0.00004	0.00107	—	0.00107	0.00081	—	0.00081	—	2.23969	2.23969	0.00009	0.00002	2.24777
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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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	57.7721	111.940	169.712	5.94198	0.14294	360.859
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	7.83572	14.7987	22.6344	0.80586	0.01938	48.5562
Total	—	—	—	—	—	—	—	—	—	—	65.6078	126.738	192.346	6.74784	0.16232	409.415
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	57.7721	111.940	169.712	5.94198	0.14294	360.859
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	7.83572	14.7987	22.6344	0.80586	0.01938	48.5562
Total	—	—	—	—	—	—	—	—	—	—	65.6078	126.738	192.346	6.74784	0.16232	409.415

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	9.56483	18.5329	28.0977	0.98376	0.02367	59.7443
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	1.29729	2.45010	3.74739	0.13342	0.00321	8.03903
Total	—	—	—	—	—	—	—	—	—	—	10.8621	20.9830	31.8451	1.11718	0.02687	67.7833

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	66.0473	0.00000	66.0473	6.60119	0.00000	231.077
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	11.5314	0.00000	11.5314	1.15252	0.00000	40.3445
Total	—	—	—	—	—	—	—	—	—	—	77.5787	0.00000	77.5787	7.75371	0.00000	271.421
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	66.0473	0.00000	66.0473	6.60119	0.00000	231.077
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	11.5314	0.00000	11.5314	1.15252	0.00000	40.3445
Total	—	—	—	—	—	—	—	—	—	—	77.5787	0.00000	77.5787	7.75371	0.00000	271.421
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	10.9349	0.00000	10.9349	1.09290	0.00000	38.2574
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	1.90916	0.00000	1.90916	0.19081	0.00000	6.67949
Total	—	—	—	—	—	—	—	—	—	—	12.8440	0.00000	12.8440	1.28372	0.00000	44.9369

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05595
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05595

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05595
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05595
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00926
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00926

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03528	0.09861	0.08996	0.00017	0.00519	0.00000	0.00519	0.00519	0.00000	0.00519	0.00000	18.0496	18.0496	0.00072	0.00014	18.1098
Total	0.03528	0.09861	0.08996	0.00017	0.00519	0.00000	0.00519	0.00519	0.00000	0.00519	0.00000	18.0496	18.0496	0.00072	0.00014	18.1098
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03528	0.09861	0.08996	0.00017	0.00519	0.00000	0.00519	0.00519	0.00000	0.00519	0.00000	18.0496	18.0496	0.00072	0.00014	18.1098
Total	0.03528	0.09861	0.08996	0.00017	0.00519	0.00000	0.00519	0.00519	0.00000	0.00519	0.00000	18.0496	18.0496	0.00072	0.00014	18.1098
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.00459	0.01282	0.01170	0.00002	0.00067	0.00000	0.00067	0.00067	0.00000	0.00067	0.00000	2.12866	2.12866	0.00009	0.00002	2.13577
Total	0.00459	0.01282	0.01170	0.00002	0.00067	0.00000	0.00067	0.00067	0.00000	0.00067	0.00000	2.12866	2.12866	0.00009	0.00002	2.13577

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	7/1/2026	8/13/2026	5.00000	32.0000	—
Grading	Grading	8/14/2026	9/11/2026	5.00000	20.0000	—
Building Construction	Building Construction	9/12/2026	7/16/2027	5.00000	220.000	—
Paving	Paving	7/19/2027	8/6/2027	5.00000	15.0000	—
Architectural Coating	Architectural Coating	8/9/2027	8/31/2027	5.00000	17.0000	—

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	Rubber Tired Dozers	Diesel	Tier 2	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Tier 2	4.00000	8.00000	84.0000	0.37000

Grading	Excavators	Diesel	Tier 2	1.000000	8.00000	36.0000	0.38000
Grading	Graders	Diesel	Tier 2	1.000000	8.00000	148.000	0.41000
Grading	Rubber Tired Dozers	Diesel	Tier 2	1.000000	8.00000	367.000	0.40000
Grading	Tractors/Loaders/Back hoes	Diesel	Tier 2	3.00000	8.00000	84.0000	0.37000
Grading	Scrapers	Diesel	Tier 2	2.00000	8.00000	423.000	0.48000
Building Construction	Cranes	Diesel	Tier 2	1.000000	7.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Tier 2	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Tier 2	1.000000	8.00000	14.0000	0.74000
Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 2	3.00000	7.00000	84.0000	0.37000
Building Construction	Welders	Diesel	Tier 2	1.000000	8.00000	46.0000	0.45000
Paving	Pavers	Diesel	Tier 2	2.00000	8.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Tier 2	2.00000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Tier 2	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Tier 2	1.000000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	Worker	17.5000	11.7000	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.40000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	Worker	20.0000	11.7000	LDA,LDT1,LDT2
Grading	Vendor	—	8.40000	HHDT,MHDT
Grading	Hauling	117.000	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT

Building Construction	Worker	62.1189	11.7000	LDA,LDT1,LDT2
Building Construction	Vendor	25.1390	8.40000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	Worker	15.0000	11.7000	LDA,LDT1,LDT2
Paving	Vendor	—	8.40000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	12.4238	11.7000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

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	0.00000	0.00000	230,070	76,690.0	5,692.42

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00000	0.00000	48.0000	0.00000	0.00000
Grading	0.00000	18,720.0	20.0000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	2.17800

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

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Unrefrigerated Warehouse-No Rail	0.00000	0%
Paving	Parking Lot	2.17800	100%
Paving	General Office Building	0.00000	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00000	203.983	0.03300	0.00400
2027	0.00000	203.983	0.03300	0.00400

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	230.760	230.760	230.760	84,227.5	2,327.17	2,327.17	2,327.17	849,417

Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
General Office Building	180.145	180.145	180.145	65,752.9	1,816.72	1,816.72	1,816.72	663,104

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Unrefrigerated Warehouse-No Rail	Wood Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Gas Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Propane Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Electric Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	No Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Conventional Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Catalytic Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Non-Catalytic Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Pellet Wood Stoves	0	0
Parking Lot	Wood Fireplaces	0	0
Parking Lot	Gas Fireplaces	0	0
Parking Lot	Propane Fireplaces	0	0
Parking Lot	Electric Fireplaces	0	0
Parking Lot	No Fireplaces	0	0
Parking Lot	Conventional Wood Stoves	0	0
Parking Lot	Catalytic Wood Stoves	0	0
Parking Lot	Non-Catalytic Wood Stoves	0	0
Parking Lot	Pellet Wood Stoves	0	0
General Office Building	Wood Fireplaces	0	0
General Office Building	Gas Fireplaces	0	0
General Office Building	Propane Fireplaces	0	0

General Office Building	Electric Fireplaces	0	0
General Office Building	No Fireplaces	0	0
General Office Building	Conventional Wood Stoves	0	0
General Office Building	Catalytic Wood Stoves	0	0
General Office Building	Non-Catalytic Wood Stoves	0	0
General Office Building	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0.00000	0.00000	230,070	76,690.0	5,692.42

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

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	1,549,549	203.983	0.0330	0.0040	0.00000
Parking Lot	83,109.3	203.983	0.0330	0.0040	0.00000
General Office Building	484,893	203.983	0.0330	0.0040	0.00000

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	30,148,756	1,026,280
Parking Lot	0.00000	0.00000
General Office Building	4,089,120	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	122.551	0.00000
Parking Lot	0.00000	0.00000
General Office Building	21.3965	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430.00	0.01679	0.60000	0.00000	1.000000
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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
Fire Pump	Diesel	1.000000	0.10000	26.0000	215.000	0.73000

5.16.2. Process Boilers

5.17. User Defined

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. Biomass Cover Type

5.18.1.1. Unmitigated

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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8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	10.21-acre project site would develop a 153,380 sq ft industrial building, including 23,007 sq ft of office space. The project would also include 242 parking spaces, 0.48-acres of bioretention area, and 72,953 sq ft of landscape area (total of ~93,962 sq ft).
Construction: Construction Phases	No demolition is anticipated. Construction will begin in July 2026 and end in late August 2027
Construction: Off-Road Equipment	Default construction tier 2
Construction: Dust From Material Movement	project would require 18,720 cy of export
Operations: Vehicle Data	trip rates are scales based on the trip generation for the project, which anticipates 231 trips for the industrial building and 180 trips for the office space trip rate: industrial building = 231 ADT/130.373 = 1.77 office space = 180 ADT/23.007 = 7.83
Operations: Energy Use	All electric building

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	2.99295	8.03000
Landscape Area	sq. ft	—	93,962.0
Lot Area	acre	0.52817	0.00000
Landscape Area	sq. ft	—	0.00000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Site Preparation	Site Preparation	Start Date	7/30/2026	7/1/2026
Site Preparation	Site Preparation	Work Days per Phase	10.00000	32.0000
Grading	Grading	End Date	9/25/2026	9/11/2026
Grading	Grading	Work Days per Phase	30.0000	20.0000

Building Construction	Building Construction	Start Date	9/26/2026	9/12/2026
Building Construction	Building Construction	End Date	11/20/2027	7/16/2027
Building Construction	Building Construction	Work Days per Phase	300.000	220.000
Paving	Paving	Start Date	11/21/2027	7/19/2027
Paving	Paving	End Date	12/19/2027	8/6/2027
Paving	Paving	Work Days per Phase	20.0000	15.0000
Architectural Coating	Architectural Coating	Start Date	12/20/2027	8/9/2027
Architectural Coating	Architectural Coating	End Date	1/17/2028	8/31/2027
Architectural Coating	Architectural Coating	Work Days per Phase	20.0000	17.0000

8.4.2. Off-Road Equipment

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Site Preparation	Rubber Tired Dozers	Engine Tier	Average	Tier 2
Site Preparation	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 2
Grading	Excavators	Engine Tier	Average	Tier 2
Grading	Excavators	Number per Day	2.00000	1.000000
Grading	Graders	Engine Tier	Average	Tier 2
Grading	Rubber Tired Dozers	Engine Tier	Average	Tier 2
Grading	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 2
Grading	Tractors/Loaders/Backhoes	Number per Day	2.00000	3.00000
Grading	Scrapers	Engine Tier	Average	Tier 2
Building Construction	Cranes	Engine Tier	Average	Tier 2
Building Construction	Forklifts	Engine Tier	Average	Tier 2
Building Construction	Generator Sets	Engine Tier	Average	Tier 2
Building Construction	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 2
Building Construction	Welders	Engine Tier	Average	Tier 2
Paving	Pavers	Engine Tier	Average	Tier 2
Paving	Paving Equipment	Engine Tier	Average	Tier 2

Paving	Rollers	Engine Tier	Average	Tier 2
Architectural Coating	Air Compressors	Engine Tier	Average	Tier 2

8.4.4. Dust from Material Movement

Phase Name	Model Parameter	Units	Default Value	New Value
Grading	Material Imported	Cubic Yards	—	0.00000
Grading	Material Exported	Cubic Yards	—	18,720.0
Grading	Total Acres Graded	acres	60.0000	20.0000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Unrefrigerated Warehouse-No Rail	Weekday Trip Rate	size/day	1.74000	1.77000
Unrefrigerated Warehouse-No Rail	Saturday Trip Rate	size/day	1.74000	1.77000
Unrefrigerated Warehouse-No Rail	Sunday Trip Rate	size/day	1.74000	1.77000
General Office Building	Weekday Trip Rate	size/day	9.74000	7.83000
General Office Building	Saturday Trip Rate	size/day	2.21000	7.83000
General Office Building	Sunday Trip Rate	size/day	0.70000	7.83000

8.5.3. Energy Usage

Land Use	Model Parameter	Units	Default Value	New Value
Unrefrigerated Warehouse-No Rail	Electricity	kWh/yr	1,317,116	1,549,549
Unrefrigerated Warehouse-No Rail	Electricity (Subject to Title 24)	kWh/yr	480,899	565,763
Unrefrigerated Warehouse-No Rail	Electricity (Not Subject to Title 24)	kWh/yr	836,218	983,786
Unrefrigerated Warehouse-No Rail	Natural Gas	kBTU/yr	780,434	0.00000

Unrefrigerated Warehouse-No Rail	Natural Gas (Subject to Title 24)	kBTU/yr	675,457	0.00000
Unrefrigerated Warehouse-No Rail	Natural Gas (Not Subject to Title 24)	kBTU/yr	104,977	0.00000
General Office Building	Natural Gas	kBTU/yr	536,333	0.00000
General Office Building	Natural Gas (Subject to Title 24)	kBTU/yr	421,828	0.00000
General Office Building	Natural Gas (Not Subject to Title 24)	kBTU/yr	114,506	0.00000