

Appendix A
Park Lane Homes CalEEMod Report
(Available on the city website)

Abode Park Lane Homes (DHS) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Abode Park Lane Homes (DHS)
Construction Start Date	8/5/2025
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.30
Precipitation (days)	11.2
Location	33.944302117496136, -116.49907075308856
County	Riverside-Salton Sea
City	Desert Hot Springs
Air District	South Coast AQMD
Air Basin	Salton Sea
TAZ	5639
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

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
Apartments Mid Rise	167	Dwelling Unit	4.11	179,137	46,752	0.00	495	—

Day-Care Center	11.0	1000sqft	0.25	11,004	7,978	0.00	—	—
Parking Lot	232	Space	2.09	0.00	0.00	0.00	—	—
Recreational Swimming Pool	0.80	1000sqft	0.02	0.00	0.00	0.00	—	—

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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.40	31.8	31.9	0.05	9.27	5.25	5,587	0.23	0.17	7.48	5,610
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	41.8	16.5	20.1	0.03	3.72	2.06	4,630	0.18	0.25	0.21	4,685
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.46	7.80	14.4	0.02	1.47	0.65	3,256	0.09	0.12	2.23	3,298
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.63	1.42	2.62	< 0.005	0.27	0.12	539	0.01	0.02	0.37	546
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—
Threshold	75.0	100	550	150	150	55.0	—	—	—	—	—
Unmit.	No	No	No	No	No	No	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—

Threshold	75.0	100	550	150	150	55.0	—	—	—	—	—
Unmit.	No	No	No	No	No	No	—	—	—	—	—

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	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
2025	3.40	31.8	31.9	0.05	9.27	5.25	5,587	0.23	0.06	1.06	5,610
2026	1.66	11.1	24.3	0.03	2.20	0.79	4,854	0.18	0.17	7.48	4,917
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
2025	1.80	16.5	20.1	0.03	3.72	2.06	4,630	0.18	0.17	0.21	4,685
2026	1.56	11.2	19.5	0.03	2.20	0.79	4,585	0.13	0.25	0.19	4,639
2027	41.8	8.79	11.4	0.03	0.98	0.47	3,335	0.08	0.24	0.12	3,408
Average Daily	—	—	—	—	—	—	—	—	—	—	—
2025	0.60	5.16	6.45	0.01	1.24	0.65	1,219	0.05	0.03	0.43	1,228
2026	1.09	7.80	14.4	0.02	1.47	0.54	3,256	0.09	0.12	2.23	3,298
2027	3.46	0.28	0.48	< 0.005	0.05	0.02	116	< 0.005	0.01	0.08	118
Annual	—	—	—	—	—	—	—	—	—	—	—
2025	0.11	0.94	1.18	< 0.005	0.23	0.12	202	0.01	< 0.005	0.07	203
2026	0.20	1.42	2.62	< 0.005	0.27	0.10	539	0.01	0.02	0.37	546
2027	0.63	0.05	0.09	< 0.005	0.01	< 0.005	19.2	< 0.005	< 0.005	0.01	19.6

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.	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.76	2.02	37.0	0.05	4.30	1.14	6,715	8.94	0.19	13.5	7,007
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.18	2.04	18.9	0.04	4.30	1.13	6,061	8.96	0.19	1.64	6,344
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.63	1.93	25.0	0.04	4.08	1.08	6,147	8.93	0.18	6.37	6,430
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.39	0.35	4.56	0.01	0.74	0.20	1,018	1.48	0.03	1.05	1,065
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	150	150	55.0	—	—	—	—	—
Unmit.	No	No	No	No	No	No	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	150	150	55.0	—	—	—	—	—
Unmit.	No	No	No	No	No	No	—	—	—	—	—
Exceeds (Annual)	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	—	—	—	—	—	—	—	—	—	3,000
Unmit.	—	—	—	—	—	—	—	—	—	—	No

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	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.40	1.31	26.8	0.04	4.24	1.08	4,173	0.21	0.14	12.2	4,232

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Area	5.33	0.09	9.96	< 0.005	0.01	< 0.005	27.3	< 0.005	< 0.005	—	27.4
Energy	0.04	0.61	0.29	< 0.005	0.05	0.05	2,372	0.17	0.01	—	2,381
Water	—	—	—	—	—	—	70.2	1.44	0.03	—	117
Waste	—	—	—	—	—	—	71.2	7.12	0.00	—	249
Refrig.	—	—	—	—	—	—	—	—	—	1.33	1.33
Total	8.76	2.02	37.0	0.05	4.30	1.14	6,715	8.94	0.19	13.5	7,007
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.72	1.43	18.6	0.03	4.25	1.08	3,547	0.23	0.14	0.32	3,596
Area	4.42	—	—	—	—	—	—	—	—	—	—
Energy	0.04	0.61	0.29	< 0.005	0.05	0.05	2,372	0.17	0.01	—	2,381
Water	—	—	—	—	—	—	70.2	1.44	0.03	—	117
Waste	—	—	—	—	—	—	71.2	7.12	0.00	—	249
Refrig.	—	—	—	—	—	—	—	—	—	1.33	1.33
Total	7.18	2.04	18.9	0.04	4.30	1.13	6,061	8.96	0.19	1.64	6,344
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.72	1.27	19.8	0.04	4.03	1.03	3,620	0.20	0.13	5.05	3,669
Area	4.87	0.05	4.91	< 0.005	< 0.005	< 0.005	13.5	< 0.005	< 0.005	—	13.5
Energy	0.04	0.61	0.29	< 0.005	0.05	0.05	2,372	0.17	0.01	—	2,381
Water	—	—	—	—	—	—	70.2	1.44	0.03	—	117
Waste	—	—	—	—	—	—	71.2	7.12	0.00	—	249
Refrig.	—	—	—	—	—	—	—	—	—	1.33	1.33
Total	7.63	1.93	25.0	0.04	4.08	1.08	6,147	8.93	0.18	6.37	6,430
Annual	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.50	0.23	3.61	0.01	0.73	0.19	599	0.03	0.02	0.84	607
Area	0.89	0.01	0.90	< 0.005	< 0.005	< 0.005	2.23	< 0.005	< 0.005	—	2.24
Energy	0.01	0.11	0.05	< 0.005	0.01	0.01	393	0.03	< 0.005	—	394
Water	—	—	—	—	—	—	11.6	0.24	0.01	—	19.3
Waste	—	—	—	—	—	—	11.8	1.18	0.00	—	41.3

Refrig.	—	—	—	—	—	—	—	—	—	0.22	0.22
Total	1.39	0.35	4.56	0.01	0.74	0.20	1,018	1.48	0.03	1.05	1,065

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.31	31.6	30.2	0.05	1.37	1.26	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	7.67	3.94	—	—	—	—	—
Onsite truck	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	0.18	1.73	1.65	< 0.005	0.07	0.07	290	0.01	< 0.005	—	291
Dust From Material Movement	—	—	—	—	0.42	0.22	—	—	—	—	—
Onsite truck	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	0.32	0.30	< 0.005	0.01	0.01	48.0	< 0.005	< 0.005	—	48.2
Dust From Material Movement	—	—	—	—	0.08	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
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	1.67	0.00	0.23	0.05	260	0.01	0.01	0.90	264
Vendor	< 0.005	0.03	0.01	< 0.005	0.01	< 0.005	31.6	< 0.005	< 0.005	0.09	33.0
Hauling	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	< 0.005	< 0.005	0.07	0.00	0.01	< 0.005	13.0	< 0.005	< 0.005	0.02	13.1
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.73	< 0.005	< 0.005	< 0.005	1.81
Hauling	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	0.01	0.00	< 0.005	< 0.005	2.14	< 0.005	< 0.005	< 0.005	2.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.29	< 0.005	< 0.005	< 0.005	0.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2025) - 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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.74	16.3	17.9	0.03	0.72	0.66	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	2.76	1.34	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.74	16.3	17.9	0.03	0.72	0.66	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	2.76	1.34	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	2.23	2.45	< 0.005	0.10	0.09	405	0.02	< 0.005	—	407
Dust From Material Movement	—	—	—	—	0.38	0.18	—	—	—	—	—
Onsite truck	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	0.41	0.45	< 0.005	0.02	0.02	67.1	< 0.005	< 0.005	—	67.3
Dust From Material Movement	—	—	—	—	0.07	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
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	1.43	0.00	0.20	0.05	223	0.01	0.01	0.77	226
Vendor	< 0.005	0.03	0.01	< 0.005	0.01	< 0.005	31.6	< 0.005	< 0.005	0.09	33.0
Hauling	< 0.005	0.11	0.02	< 0.005	0.03	0.01	95.3	< 0.005	0.02	0.21	100
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.08	0.81	0.00	0.20	0.05	190	0.01	0.01	0.02	192
Vendor	< 0.005	0.04	0.02	< 0.005	0.01	< 0.005	31.7	< 0.005	< 0.005	< 0.005	33.0
Hauling	< 0.005	0.11	0.03	< 0.005	0.03	0.01	95.4	< 0.005	0.02	0.01	100.0

Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.14	0.00	0.03	0.01	27.8	< 0.005	< 0.005	0.05	28.1
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	4.34	< 0.005	< 0.005	0.01	4.52
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	13.1	< 0.005	< 0.005	0.01	13.7
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	< 0.005	< 0.005	4.60	< 0.005	< 0.005	0.01	4.66
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.72	< 0.005	< 0.005	< 0.005	0.75
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	2.16	< 0.005	< 0.005	< 0.005	2.27

3.5. 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	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.13	10.4	13.0	0.02	0.43	0.40	2,398	0.10	0.02	—	2,406
Onsite truck	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	0.11	1.02	1.28	< 0.005	0.04	0.04	235	0.01	< 0.005	—	235
Onsite truck	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	0.19	0.23	< 0.005	0.01	0.01	38.8	< 0.005	< 0.005	—	39.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.49	0.70	6.76	0.00	1.63	0.38	1,578	0.08	0.06	0.17	1,598
Vendor	0.02	0.74	0.31	0.01	0.19	0.06	654	0.01	0.09	0.05	681
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.06	0.83	0.00	0.16	0.04	165	0.01	0.01	0.27	167
Vendor	< 0.005	0.07	0.03	< 0.005	0.02	0.01	64.0	< 0.005	0.01	0.08	66.6
Hauling	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	0.15	0.00	0.03	0.01	27.3	< 0.005	< 0.005	0.04	27.7
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	10.6	< 0.005	< 0.005	0.01	11.0
Hauling	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 (2026) - 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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	9.85	13.0	0.02	0.38	0.35	2,397	0.10	0.02	—	2,405
Onsite truck	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	1.07	9.85	13.0	0.02	0.38	0.35	2,397	0.10	0.02	—	2,405
Onsite truck	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	0.69	6.33	8.32	0.02	0.24	0.22	1,539	0.06	0.01	—	1,544
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.15	1.52	< 0.005	0.04	0.04	255	0.01	< 0.005	—	256
Onsite truck	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	0.57	0.60	11.1	0.00	1.63	0.38	1,815	0.07	0.06	5.80	1,841
Vendor	0.02	0.66	0.29	0.01	0.19	0.06	642	0.01	0.09	1.68	670
Hauling	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	0.47	0.65	6.27	0.00	1.63	0.38	1,545	0.02	0.06	0.15	1,565
Vendor	0.02	0.71	0.30	0.01	0.19	0.06	642	0.01	0.09	0.04	669
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.38	5.03	0.00	1.04	0.24	1,060	0.01	0.04	1.61	1,073
Vendor	0.01	0.45	0.19	< 0.005	0.12	0.04	412	0.01	0.06	0.46	430
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.07	0.92	0.00	0.19	0.04	176	< 0.005	0.01	0.27	178
Vendor	< 0.005	0.08	0.03	< 0.005	0.02	0.01	68.2	< 0.005	0.01	0.08	71.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2026) - 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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	7.12	9.94	0.01	0.32	0.29	1,511	0.06	0.01	—	1,516
Paving	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.52	0.72	< 0.005	0.02	0.02	109	< 0.005	< 0.005	—	110
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
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.09	0.13	< 0.005	< 0.005	< 0.005	18.1	< 0.005	< 0.005	—	18.2
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.08	0.75	0.00	0.20	0.05	186	< 0.005	0.01	0.02	188
Vendor	0.06	1.86	0.78	0.01	0.49	0.15	1,680	0.02	0.23	0.11	1,749
Hauling	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	0.01	0.07	0.00	0.01	< 0.005	14.4	< 0.005	< 0.005	0.02	14.5

Vendor	< 0.005	0.13	0.05	< 0.005	0.04	0.01	122	< 0.005	0.02	0.14	127
Hauling	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	0.01	0.00	< 0.005	< 0.005	2.38	< 0.005	< 0.005	< 0.005	2.41
Vendor	< 0.005	0.02	0.01	< 0.005	0.01	< 0.005	20.1	< 0.005	< 0.005	0.02	21.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2027) - 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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.74	6.94	9.95	0.01	0.30	0.27	1,511	0.06	0.01	—	1,516
Paving	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.16	0.23	< 0.005	0.01	0.01	35.5	< 0.005	< 0.005	—	35.6
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.04	< 0.005	< 0.005	< 0.005	5.88	< 0.005	< 0.005	—	5.90
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.07	0.70	0.00	0.20	0.05	182	< 0.005	0.01	0.02	184
Vendor	0.06	1.77	0.73	0.01	0.49	0.15	1,642	0.02	0.22	0.11	1,708
Hauling	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	0.02	0.00	< 0.005	< 0.005	4.57	< 0.005	< 0.005	0.01	4.63
Vendor	< 0.005	0.04	0.02	< 0.005	0.01	< 0.005	38.5	< 0.005	0.01	0.04	40.1
Hauling	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	0.00	< 0.005	< 0.005	0.76	< 0.005	< 0.005	< 0.005	0.77
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	6.38	< 0.005	< 0.005	0.01	6.64
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.83	1.13	< 0.005	0.02	0.02	134	0.01	< 0.005	—	134
Architectural Coatings	41.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.07	0.09	< 0.005	< 0.005	< 0.005	11.0	< 0.005	< 0.005	—	11.0
Architectural Coatings	3.42	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.01	0.02	< 0.005	< 0.005	< 0.005	1.82	< 0.005	< 0.005	—	1.82
Architectural Coatings	0.62	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.12	1.17	0.00	0.33	0.08	303	< 0.005	0.01	0.03	307
Vendor	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.03	0.01	26.6	< 0.005	< 0.005	0.04	27.0
Vendor	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
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	< 0.005	< 0.005	4.41	< 0.005	< 0.005	0.01	4.46
Vendor	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

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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	2.69	1.08	22.3	0.03	3.59	0.92	3,524	0.17	0.11	10.3	3,572
Day-Care Center	0.71	0.23	4.47	0.01	0.65	0.17	650	0.04	0.02	1.88	660
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.40	1.31	26.8	0.04	4.24	1.08	4,173	0.21	0.14	12.2	4,232
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	2.16	1.17	15.3	0.03	3.59	0.92	2,987	0.19	0.12	0.27	3,027
Day-Care Center	0.57	0.25	3.29	0.01	0.66	0.17	561	0.04	0.03	0.05	570
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.72	1.43	18.6	0.03	4.25	1.08	3,547	0.23	0.14	0.32	3,596
Annual	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.42	0.20	3.14	0.01	0.65	0.17	529	0.03	0.02	0.74	536
Day-Care Center	0.08	0.03	0.46	< 0.005	0.08	0.02	69.8	< 0.005	< 0.005	0.10	70.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.50	0.23	3.61	0.01	0.73	0.19	599	0.03	0.02	0.84	607

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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	1,377	0.09	0.01	—	1,383
Day-Care Center	—	—	—	—	—	—	104	0.01	< 0.005	—	105
Parking Lot	—	—	—	—	—	—	116	0.01	< 0.005	—	117
Recreational Swimming Pool	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	1,598	0.10	0.01	—	1,604
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	1,377	0.09	0.01	—	1,383
Day-Care Center	—	—	—	—	—	—	104	0.01	< 0.005	—	105
Parking Lot	—	—	—	—	—	—	116	0.01	< 0.005	—	117
Recreational Swimming Pool	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	1,598	0.10	0.01	—	1,604
Annual	—	—	—	—	—	—	—	—	—	—	—

Apartments Mid Rise	—	—	—	—	—	—	228	0.01	< 0.005	—	229
Day-Care Center	—	—	—	—	—	—	17.3	< 0.005	< 0.005	—	17.3
Parking Lot	—	—	—	—	—	—	19.2	< 0.005	< 0.005	—	19.3
Recreational Swimming Pool	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	265	0.02	< 0.005	—	266

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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.03	0.54	0.23	< 0.005	0.04	0.04	690	0.06	< 0.005	—	692
Day-Care Center	< 0.005	0.07	0.06	< 0.005	0.01	0.01	84.4	0.01	< 0.005	—	84.7
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.04	0.61	0.29	< 0.005	0.05	0.05	774	0.07	< 0.005	—	777
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.03	0.54	0.23	< 0.005	0.04	0.04	690	0.06	< 0.005	—	692
Day-Care Center	< 0.005	0.07	0.06	< 0.005	0.01	0.01	84.4	0.01	< 0.005	—	84.7
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00

Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.04	0.61	0.29	< 0.005	0.05	0.05	774	0.07	< 0.005	—	777
Annual	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.01	0.10	0.04	< 0.005	0.01	0.01	114	0.01	< 0.005	—	115
Day-Care Center	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	14.0	< 0.005	< 0.005	—	14.0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.11	0.05	< 0.005	0.01	0.01	128	0.01	< 0.005	—	129

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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.08	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.34	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.91	0.09	9.96	< 0.005	0.01	< 0.005	27.3	< 0.005	< 0.005	—	27.4
Total	5.33	0.09	9.96	< 0.005	0.01	< 0.005	27.3	< 0.005	< 0.005	—	27.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.08	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	0.34	—	—	—	—	—	—	—	—	—	—
Total	4.42	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.74	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.08	0.01	0.90	< 0.005	< 0.005	< 0.005	2.23	< 0.005	< 0.005	—	2.24
Total	0.89	0.01	0.90	< 0.005	< 0.005	< 0.005	2.23	< 0.005	< 0.005	—	2.24

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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	64.9	1.34	0.03	—	108
Day-Care Center	—	—	—	—	—	—	4.87	0.09	< 0.005	—	7.86
Parking Lot	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	0.42	0.01	< 0.005	—	0.72
Total	—	—	—	—	—	—	70.2	1.44	0.03	—	117
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	64.9	1.34	0.03	—	108

Day-Care Center	—	—	—	—	—	—	4.87	0.09	< 0.005	—	7.86
Parking Lot	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	0.42	0.01	< 0.005	—	0.72
Total	—	—	—	—	—	—	70.2	1.44	0.03	—	117
Annual	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	10.8	0.22	0.01	—	17.9
Day-Care Center	—	—	—	—	—	—	0.81	0.02	< 0.005	—	1.30
Parking Lot	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	0.07	< 0.005	< 0.005	—	0.12
Total	—	—	—	—	—	—	11.6	0.24	0.01	—	19.3

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	61.1	6.10	0.00	—	214
Day-Care Center	—	—	—	—	—	—	7.71	0.77	0.00	—	27.0
Parking Lot	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	2.46	0.25	0.00	—	8.60

Total	—	—	—	—	—	—	71.2	7.12	0.00	—	249
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	61.1	6.10	0.00	—	214
Day-Care Center	—	—	—	—	—	—	7.71	0.77	0.00	—	27.0
Parking Lot	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	2.46	0.25	0.00	—	8.60
Total	—	—	—	—	—	—	71.2	7.12	0.00	—	249
Annual	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	10.1	1.01	0.00	—	35.4
Day-Care Center	—	—	—	—	—	—	1.28	0.13	0.00	—	4.47
Parking Lot	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Recreational Swimming Pool	—	—	—	—	—	—	0.41	0.04	0.00	—	1.42
Total	—	—	—	—	—	—	11.8	1.18	0.00	—	41.3

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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	1.28	1.28

Day-Care Center	—	—	—	—	—	—	—	—	—	0.04	0.04
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	1.33	1.33
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	1.28	1.28
Day-Care Center	—	—	—	—	—	—	—	—	—	0.04	0.04
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	1.33	1.33
Annual	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	0.21	0.21
Day-Care Center	—	—	—	—	—	—	—	—	—	0.01	0.01
Recreational Swimming Pool	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	0.22	0.22

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	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	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	ROG	NOx	CO	SO2	PM10T	PM2.5T	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	ROG	NOx	CO	SO2	PM10T	PM2.5T	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	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	8/6/2025	9/2/2025	5.00	20.0	—
Grading	Grading	9/3/2025	11/11/2025	5.00	50.0	—
Building Construction	Building Construction	11/12/2025	11/24/2026	5.00	270	—
Paving	Paving	11/25/2026	1/12/2027	5.00	35.0	—
Architectural Coating	Architectural Coating	1/13/2027	2/23/2027	5.00	30.0	—

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	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74

Building Construction	Tractors/Loaders/Back	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	1.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	1.00	10.2	HHDT,MHDT
Grading	Hauling	1.40	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	125	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	20.7	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2

Paving	Vendor	54.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	25.0	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

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	362,752	120,917	16,506	5,502	5,457

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	0.00	0.00	30.0	0.00	—
Grading	0.00	560	50.0	0.00	—
Paving	0.00	0.00	0.00	0.00	2.13

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
Apartments Mid Rise	—	0%
Day-Care Center	0.00	0%
Parking Lot	2.09	100%
Recreational Swimming Pool	0.04	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	532	0.03	< 0.005
2026	0.00	532	0.03	< 0.005
2027	0.00	532	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
Apartments Mid Rise	735	735	735	268,275	5,144	5,144	5,144	1,877,563
Day-Care Center	202	0.00	0.00	52,664	934	0.00	0.00	243,386
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recreational Swimming Pool	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

5.10.2. 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)
362752.425	120,917	16,506	5,502	5,457

5.10.3. Landscape Equipment

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)
Apartments Mid Rise	945,080	532	0.0330	0.0040	2,153,100
Day-Care Center	71,615	532	0.0330	0.0040	263,441
Parking Lot	79,675	532	0.0330	0.0040	0.00
Recreational Swimming Pool	0.00	532	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)
Apartments Mid Rise	6,792,520	1,072,292
Day-Care Center	471,957	149,712
Parking Lot	0.00	0.00
Recreational Swimming Pool	47,315	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	113	—
Day-Care Center	14.3	—
Parking Lot	0.00	—
Recreational Swimming Pool	4.56	—

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
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Day-Care Center	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Day-Care Center	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

Day-Care Center	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Day-Care Center	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Recreational Swimming Pool	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Recreational Swimming Pool	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. 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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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	26.6	annual days of extreme heat
Extreme Precipitation	0.85	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	3.15	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
 Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	0	0	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	0	0	0	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	1	1	1	2
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	1	1	1	2

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	93.6
AQ-PM	4.75
AQ-DPM	13.0
Drinking Water	40.3
Lead Risk Housing	28.4
Pesticides	0.00
Toxic Releases	1.83
Traffic	11.9
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	19.2
Impaired Water Bodies	0.00
Solid Waste	24.8

Sensitive Population	—
Asthma	79.3
Cardio-vascular	92.0
Low Birth Weights	64.5
Socioeconomic Factor Indicators	—
Education	78.5
Housing	60.6
Linguistic	71.7
Poverty	79.1
Unemployment	2.29

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	15.28294623
Employed	30.46323624
Median HI	14.97497754
Education	—
Bachelor's or higher	19.11972283
High school enrollment	100
Preschool enrollment	29.19286539
Transportation	—
Auto Access	50.17323239
Active commuting	12.04927499
Social	—
2-parent households	47.56833055
Voting	13.71743873

Neighborhood	—
Alcohol availability	75.46516104
Park access	12.65238034
Retail density	16.27101245
Supermarket access	18.54228153
Tree canopy	1.93763634
Housing	—
Homeownership	39.81778519
Housing habitability	39.31733607
Low-inc homeowner severe housing cost burden	64.37828821
Low-inc renter severe housing cost burden	29.35968177
Uncrowded housing	36.78942641
Health Outcomes	—
Insured adults	21.00603105
Arthritis	0.0
Asthma ER Admissions	19.5
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	45.8
Cognitively Disabled	52.2
Physically Disabled	26.6
Heart Attack ER Admissions	31.9
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0

Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	25.4
Elderly	75.4
English Speaking	26.3
Foreign-born	51.7
Outdoor Workers	17.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	83.6
Traffic Density	19.3
Traffic Access	23.0
Other Indices	—
Hardship	68.7
Other Decision Support	—
2016 Voting	22.3

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	29.0

Healthy Places Index Score for Project Location (b)	20.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
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

This table summarizes the points earned for each health and equity measure category, and the total possible points for each category. If N/A is selected for any measure(s), the total possible points in that category are reduced accordingly. The points for each category are then weighted on a 15-point scale to determine the score per category and a total weighted score.

Category	Number of Applicable Measures	Total Points Earned by Applicable Measures	Max Possible Points	Weighted Score
Community-Centered Development	5.00	0.00	25.0	0.00
Inclusive Engagement	6.00	0.00	30.0	0.00
Accountability	5.00	0.00	25.0	0.00
Construction Equity	5.00	0.00	25.0	0.00
Public Health and Air Quality	4.00	0.00	20.0	0.00
Inclusive Economics & Prosperity	4.00	0.00	20.0	0.00
Inclusive Communities	8.00	0.00	40.0	0.00
Total	37.0	0.00	185	0.00

Based on the weighted score of 0 out of a total 185 possible points, your project qualifies for the Acorn equity award level.

Organization(s) consulted by the user to complete the Health & Equity Scorecard:



7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	<p>Residential: 167 units spread across 5 buildings, 3 stories. Total building square footage = 179,137.</p> <p>Landscape area is the common open space area at each building plus the retention basin. the sf is derived from the plan set.</p> <p>Educational: ECE/day care center. Building sf = 11,004. Outdoor open space is 7978 sf</p> <p>Parking lot: includes 232 spaces for residential and ECE.</p> <p>Recreational: Pool = assumed pool size is approximately 800 sf (20x40)</p>
Construction: Construction Phases	Construction phases are approximate time frames for the residential and ECE buildings, pavement, etc.
Construction: Trips and VMT	Added one vendor for water truck during site prep, grading, and building construction. Paving vendor trips result from 54 trucks each transporting 16 cubic yards of material.
Construction: Paving	Hardscape area around pool area. (4,300 sf minus 900sf (pool), 500sf landscaping, 1181 sf community room) divided by 43560 sf.
Operations: Vehicle Data	<p>Traffic Scope estimates housing 167 units generate 735 external daily trips. $735 \div 167 = 4.011976$</p> <p>ECE generate 202 external daily trips. Use the 11,004 (thousand sf). $202/11,004 = 18.3569611$. Assumed to be closed on weekends.</p>
Operations: Fleet Mix	<p>Parking lot and swimming pool do not generate trips.</p> <p>Passenger cars would comprise the bulk of the vehicle mix. Light duty trucks would comprise the next highest category, and motorcycles could be the third highest category.</p>
Operations: Hearths	No fireplaces or wood stoves