



DOUGLASKIM+ASSOCIATES,LLC

EXISTING EMISSIONS

730 South Western Avenue Detailed Report

Table of Contents

- 1. Basic Project Information
 - 1.1. Basic Project Information
 - 1.2. Land Use Types
 - 1.3. User-Selected Emission Reduction Measures by Emissions Sector
- 2. Emissions Summary
 - 2.4. Operations Emissions Compared Against Thresholds
 - 2.5. Operations Emissions by Sector, Unmitigated
- 4. Operations Emissions Details
 - 4.1. Mobile Emissions by Land Use
 - 4.1.1. Unmitigated
 - 4.2. Energy
 - 4.2.1. Electricity Emissions By Land Use - Unmitigated
 - 4.2.3. Natural Gas Emissions By Land Use - Unmitigated
 - 4.3. Area Emissions by Source

4.3.2. Unmitigated

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	730 South Western Avenue
Lead Agency	City of Los Angeles
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	16.8
Location	730 S Western Ave, Los Angeles, CA 90005, USA
County	Los Angeles-South Coast
City	Los Angeles
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4069
EDFZ	16
Electric Utility	Los Angeles Department of Water & Power
Gas Utility	Southern California Gas

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
Strip Mall	20.0	1 000sqft	0.66	19,970	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.67	2.95	1.65	17.4	0.03	0.03	1.00	1.02	0.02	0.18	0.20	14.1	3,540	3,555	1.65	0.15	14.0	3,656
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.48	2.76	1.79	15.6	0.03	0.02	1.00	1.02	0.02	0.18	0.20	14.1	3,405	3,419	1.66	0.16	0.48	3,510
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.57	2.84	1.81	16.5	0.03	0.03	1.00	1.02	0.02	0.18	0.20	14.1	3,443	3,457	1.66	0.16	6.12	3,553
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.47	0.52	0.33	3.01	0.01	< 0.005	0.18	0.19	< 0.005	0.03	0.04	2.34	570	572	0.28	0.03	1.01	588

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.52	2.33	1.61	16.5	0.03	0.02	1.00	1.02	0.02	0.18	0.20	—	3,110	3,110	0.20	0.14	13.9	3,172
Area	0.15	0.62	0.01	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.57	3.57	< 0.005	< 0.005	—	3.68

Energy	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	408	408	0.03	< 0.005	—	409	
Water	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.83	19.0	21.9	0.29	0.01	—	31.3
Waste	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.3	0.00	11.3	1.13	0.00	—	39.5
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12	
Total	2.67	2.95	1.65	17.4	0.03	0.03	1.00	1.02	0.02	0.18	0.20	14.1	3,540	3,555	1.65	0.15	14.0							3,656	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						—	
Mobile	2.48	2.28	1.77	15.6	0.03	0.02	1.00	1.02	0.02	0.18	0.20	—	2,978	2,978	0.21	0.15	0.36							3,029	
Area	—	0.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Energy	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	408	408	0.03	< 0.005	—	409						409	
Water	—	—	—	—	—	—	—	—	—	—	—	—	2.83	19.0	0.29	0.01	—	—	2.83	19.0	21.9	0.29	0.01	—	31.3
Waste	—	—	—	—	—	—	—	—	—	—	—	—	11.3	0.00	1.13	0.00	—	—	11.3	0.00	11.3	1.13	0.00	—	39.5
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12		—	—	—	—	0.12	0.12	
Total	2.48	2.76	1.79	15.6	0.03	0.02	1.00	1.02	0.02	0.18	0.20	14.1	3,405	3,419	1.66	0.16	0.48							3,510	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mobile	2.46	2.27	1.78	15.9	0.03	0.02	1.00	1.02	0.02	0.18	0.20	—	3,014	3,014	0.21	0.15	5.99							3,070	
Area	0.11	0.58	0.01	0.59	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.45	2.45	< 0.005	< 0.005	—	2.52						2.52	
Energy	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	408	408	0.03	< 0.005	—	409						409	
Water	—	—	—	—	—	—	—	—	—	—	—	—	2.83	19.0	0.29	0.01	—	—	2.83	19.0	21.9	0.29	0.01	—	31.3
Waste	—	—	—	—	—	—	—	—	—	—	—	—	11.3	0.00	1.13	0.00	—	—	11.3	0.00	11.3	1.13	0.00	—	39.5
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12		—	—	—	—	0.12	0.12	
Total	2.57	2.84	1.81	16.5	0.03	0.03	1.00	1.02	0.02	0.18	0.20	14.1	3,443	3,457	1.66	0.16	6.12							3,553	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mobile	0.45	0.41	0.33	2.90	0.01	< 0.005	0.18	0.19	< 0.005	0.03	0.04	—	499	499	0.03	0.03	0.99							508	
Area	0.02	0.11	< 0.005	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.41	0.41	< 0.005	< 0.005	—	0.42						0.42	
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	67.5	67.5	< 0.005	< 0.005	—	67.8						67.8	
Water	—	—	—	—	—	—	—	—	—	—	—	—	0.47	3.15	0.05	< 0.005	—	5.18						5.18	

Waste	—	—	—	—	—	—	—	—	—	1.87	0.00	1.87	0.19	0.00	—	6.55		
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02		
Total	0.47	0.52	0.33	3.01	0.01	< 0.005	0.18	0.19	< 0.005	0.03	0.04	2.34	570	572	0.28	0.03	1.01	588

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	376	376	0.03	< 0.005	—	378
Total	—	—	—	—	—	—	—	—	—	—	—	—	376	376	0.03	< 0.005	—	378
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	376	376	0.03	< 0.005	—	378
Total	—	—	—	—	—	—	—	—	—	—	—	—	376	376	0.03	< 0.005	—	378
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	62.3	62.3	< 0.005	< 0.005	—	62.6
Total	—	—	—	—	—	—	—	—	—	—	—	—	62.3	62.3	< 0.005	< 0.005	—	62.6

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.5	31.5	< 0.005	< 0.005	—	31.6
Total	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.5	31.5	< 0.005	< 0.005	—	31.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.5	31.5	< 0.005	< 0.005	—	31.6
Total	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	31.5	31.5	< 0.005	< 0.005	—	31.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.22	5.22	< 0.005	< 0.005	—	5.23
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.22	5.22	< 0.005	< 0.005	—	5.23

4.3. Area Emissions by Source

4.3.2. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.15	0.14	0.01	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.68
Total	0.15	0.62	0.01	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	—	3.68
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.02	0.02	< 0.005	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.42
Total	0.02	0.11	< 0.005	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	—	0.42

4.4. Water Emissions by Land Use

4.4.4.2. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	2.83	19.0	21.9	0.29	0.01	—	31.3
Total	—	—	—	—	—	—	—	—	—	—	—	2.83	19.0	21.9	0.29	0.01	—	31.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	2.83	19.0	21.9	0.29	0.01	—	31.3
Total	—	—	—	—	—	—	—	—	—	—	—	2.83	19.0	21.9	0.29	0.01	—	31.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.47	3.15	3.62	0.05	< 0.005	—	5.18
Total	—	—	—	—	—	—	—	—	—	—	—	0.47	3.15	3.62	0.05	< 0.005	—	5.18

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	11.3	0.00	11.3	1.13	0.00	—	39.5
Total	—	—	—	—	—	—	—	—	—	—	—	11.3	0.00	11.3	1.13	0.00	—	39.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Strip Mall	—	—	—	—	—	—	—	—	—	11.3	0.00	11.3	1.13	0.00	—	39.5
Total	—	—	—	—	—	—	—	—	—	11.3	0.00	11.3	1.13	0.00	—	39.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	—	—	—	—	—	—	—	—	—	1.87	0.00	1.87	0.19	0.00	—	6.55
Total	—	—	—	—	—	—	—	—	—	1.87	0.00	1.87	0.19	0.00	—	6.55

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12	0.12
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	623	623	623	227,395	3,584	3,584	3,584	1,308,160

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)
0	0.00	29,955	9,985	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

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)
Strip Mall	198,832	690	0.0489	0.0069	98,335

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Strip Mall	1,479,228	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Strip Mall	21.0	0.00

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

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	7.60	annual days of extreme heat
Extreme Precipitation	5.70	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

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

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about $\frac{3}{4}$ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Racke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNFM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

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 (CNFM-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	0	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	0	0	0	N/A
Wildfire	0	0	0	N/A
Flooding	N/A	N/A	N/A	N/A

Drought	N/A	N/A	N/A	N/A
Snowpack	N/A	N/A	N/A	N/A
Air Quality	0	0	0	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	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack	N/A	N/A	N/A	N/A
Air Quality	1	1	1	2

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	48.5
AQ-PM	83.8
AQ-DPM	68.9
Drinking Water	92.5
Lead Risk Housing	41.7
Pesticides	0.00
Toxic Releases	77.2
Traffic	69.0
Effect Indicators	—
CleanUp Sites	20.5
Groundwater	45.1
Haz Waste Facilities/Generators	44.7
Impaired Water Bodies	0.00
Solid Waste	35.7
Sensitive Population	—
Asthma	22.3
Cardio-vascular	14.1
Low Birth Weights	9.33
Socioeconomic Factor Indicators	—
Education	69.0
Housing	79.9
Linguistic	94.7
Poverty	77.1
Unemployment	13.2

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	35.66020788
Employed	96.34287181
Median HI	—
Education	—
Bachelor's or higher	70.81996664
High school enrollment	100
Preschool enrollment	13.49929424
Transportation	—
Auto Access	3.888104709
Active commuting	96.03490312
Social	—
2-parent households	79.53291415
Voting	12.61388426
Neighborhood	—
Alcohol availability	4.516874118
Park access	9.457205184
Retail density	93.46849737
Supermarket access	94.25125112
Tree canopy	30.0012832
Housing	—
Homeownership	1.963300398
Housing habitability	18.69626588
Low-inc homeowner severe housing cost burden	72.77043501

Low-inc renter severe housing cost burden	55.31887591
Uncrowded housing	20.60823816
Health Outcomes	—
Insured adults	6.326190171
Arthritis	94.2
Asthma ER Admissions	72.7
High Blood Pressure	70.1
Cancer (excluding skin)	89.7
Asthma	94.4
Coronary Heart Disease	91.8
Chronic Obstructive Pulmonary Disease	91.4
Diagnosed Diabetes	54.0
Life Expectancy at Birth	89.0
Cognitively Disabled	60.3
Physically Disabled	59.0
Heart Attack ER Admissions	85.5
Mental Health Not Good	67.2
Chronic Kidney Disease	85.5
Obesity	85.2
Pedestrian Injuries	92.8
Physical Health Not Good	64.0
Stroke	84.7
Health Risk Behaviors	—
Binge Drinking	86.1
Current Smoker	63.8
No Leisure Time for Physical Activity	45.0
Climate Change Exposures	—

Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	67.0
Elderly	70.0
English Speaking	2.3
Foreign-born	96.1
Outdoor Workers	49.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	0.7
Traffic Density	80.5
Traffic Access	87.4
Other Indices	—
Hardship	41.7
Other Decision Support	—
2016 Voting	8.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	51.0
Healthy Places Index Score for Project Location (b)	40.0
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

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen		Justification
Land Use		Project plans



DOUGLASKIM+ASSOCIATES,LLC

FUTURE EMISSIONS

730 South Western Avenue Future Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

3.3. Grading (2025) - Unmitigated

3.5. Building Construction (2025) - Unmitigated

3.7. Building Construction (2026) - Unmitigated

3.9. Building Construction (2027) - Unmitigated

3.11. Architectural Coating (2027) - Unmitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.3. Area Emissions by Source

4.3.2. Unmitigated

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field		Value					
Project Name		730 South Western Avenue Future					
Lead Agency		City of Los Angeles					
Land Use Scale		Project/site					
Analysis Level for Defaults		County					
Windspeed (m/s)		0.50					
Precipitation (days)		16.8					
Location		730 S Western Ave, Los Angeles, CA 90005, USA					
County		Los Angeles-South Coast					
City		Los Angeles					
Air District		South Coast AQMD					
Air Basin		South Coast					
TAZ		4069					
EDFZ		16					
Electric Utility		Los Angeles Department of Water & Power					
Gas Utility		Southern California Gas					

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	125	Dwelling Unit	0.64	104,388	1,271	—	370	—
Enclosed Parking with Elevator	103	Space	0.00	41,200	0.00	—	—	—
Strip Mall	4.02	1000sqft	0.02	4,017	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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.01	9.01	21.2	16.2	0.08	0.59	4.74	5.32	0.55	1.73	2.28	—	11,332	11,332	0.56	1.51	22.6	11,818
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.00	1.23	21.7	14.6	0.08	0.59	4.74	5.32	0.55	1.73	2.28	—	11,329	11,329	0.56	1.51	0.59	11,793
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.77	2.35	5.69	9.66	0.02	0.15	1.38	1.53	0.14	0.42	0.56	—	3,065	3,065	0.15	0.39	2.69	3,188
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.14	0.43	1.04	1.76	< 0.005	0.03	0.25	0.28	0.02	0.08	0.10	—	507	507	0.03	0.07	0.44	528

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2025	2.01	1.24	21.2	14.7	0.08	0.59	4.74	5.32	0.55	1.73	2.28	—	11,332	11,332	0.56	1.51	22.6	11,818
2026	1.09	0.91	5.94	14.3	0.02	0.20	1.60	1.80	0.18	0.38	0.56	—	3,423	3,423	0.14	0.15	6.73	3,480
2027	1.27	9.01	6.52	16.2	0.02	0.19	1.88	2.07	0.18	0.45	0.62	—	3,805	3,805	0.16	0.16	7.05	3,864
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.00	1.23	21.7	14.6	0.08	0.59	4.74	5.32	0.55	1.73	2.28	—	11,329	11,329	0.56	1.51	0.59	11,793
2026	1.08	0.91	6.03	13.2	0.02	0.20	1.60	1.80	0.18	0.38	0.56	—	3,347	3,347	0.14	0.15	0.17	3,397
2027	1.04	0.87	5.73	12.8	0.02	0.17	1.60	1.77	0.16	0.38	0.54	—	3,308	3,308	0.10	0.15	0.16	3,355
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.55	0.35	5.69	4.52	0.02	0.15	1.38	1.53	0.14	0.42	0.56	—	3,065	3,065	0.15	0.39	2.69	3,188
2026	0.77	0.65	4.34	9.66	0.01	0.14	1.13	1.27	0.13	0.27	0.40	—	2,405	2,405	0.10	0.11	2.08	2,443
2027	0.55	2.35	2.95	6.74	0.01	0.09	0.82	0.90	0.08	0.20	0.27	—	1,681	1,681	0.05	0.07	1.35	1,705
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.10	0.06	1.04	0.83	< 0.005	0.03	0.25	0.28	0.02	0.08	0.10	—	507	507	0.03	0.07	0.44	528
2026	0.14	0.12	0.79	1.76	< 0.005	0.03	0.21	0.23	0.02	0.05	0.07	—	398	398	0.02	0.02	0.34	404
2027	0.10	0.43	0.54	1.23	< 0.005	0.02	0.15	0.17	0.01	0.04	0.05	—	278	278	0.01	0.01	0.22	282

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.83	-Infinity	-Infinity	20.6	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	61.6	-Infinity	-Infinity	6.45	0.15	8.78	-Infinity
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.81	-Infinity	-Infinity	10.9	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	61.6	-Infinity	-Infinity	6.45	0.15	0.98	-Infinity

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit. Annual (Max)	2.48	-Infinity	-Infinity	17.3	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	61.6	-Infinity	-Infinity	-Infinity	-Infinity
Unmit.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.45	-Infinity	-Infinity	3.16	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	10.2	-Infinity	-Infinity	-Infinity	-Infinity

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.79	1.65	1.01	11.4	0.03	0.02	0.94	0.96	0.02	0.17	0.18	—	2,643	2,643	0.14	0.11	8.00	2,689
Area	1.01	3.45	0.08	9.06	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	27.0	27.0	< 0.005	< 0.005	—	27.1
Energy	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,544	1,544	0.12	0.01	—	1,550
Water	—	—	—	—	—	—	—	—	—	—	—	9.50	64.0	73.5	0.98	0.02	—	105
Waste	—	—	—	—	—	—	—	—	—	—	—	52.1	0.00	52.1	5.21	0.00	—	182
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.77	0.77
Vegetation	—	-Infinity	-Infinity	—	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	—	-Infinity	-Infinity	—	—	—	-Infinity
Total	2.83	-Infinity	-Infinity	20.6	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	61.6	-Infinity	-Infinity	6.45	0.15	8.78	-Infinity
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.77	1.63	1.10	10.8	0.02	0.02	0.94	0.96	0.02	0.17	0.18	—	2,535	2,535	0.15	0.12	0.21	2,575
Area	0.00	2.51	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,544	1,544	0.12	0.01	—	1,550
Water	—	—	—	—	—	—	—	—	—	—	—	9.50	64.0	73.5	0.98	0.02	—	105

Waste	—	—	—	—	—	—	—	—	—	—	—	52.1	0.00	52.1	5.21	0.00	—	182
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.77	0.77
Vegetation	—	-Infinity	-Infinity	—	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	—	-Infinity	-Infinity	—	—	—	-Infinity
Total	1.81	-Infinity	-Infinity	10.9	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	61.6	-Infinity	-Infinity	6.45	0.15	0.98	-Infinity
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.76	1.62	1.11	11.0	0.03	0.02	0.94	0.96	0.02	0.17	0.18	—	2,564	2,564	0.15	0.12	3.46	2,607
Area	0.69	3.16	0.06	6.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	18.5	18.5	< 0.005	< 0.005	—	18.6
Energy	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	1,544	1,544	0.12	0.01	—	1,550
Water	—	—	—	—	—	—	—	—	—	—	—	9.50	64.0	73.5	0.98	0.02	—	105
Waste	—	—	—	—	—	—	—	—	—	—	—	52.1	0.00	52.1	5.21	0.00	—	182
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.77	0.77
Vegetation	—	-Infinity	-Infinity	—	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	—	-Infinity	-Infinity	—	—	—	-Infinity
Total	2.48	-Infinity	-Infinity	17.3	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	61.6	-Infinity	-Infinity	6.45	0.15	4.23	-Infinity
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.32	0.30	0.20	2.00	< 0.005	< 0.005	0.17	0.17	< 0.005	0.03	0.03	—	425	425	0.03	0.02	0.57	432
Area	0.13	0.58	0.01	1.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	3.07	3.07	< 0.005	< 0.005	—	3.08
Energy	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	256	256	0.02	< 0.005	—	257
Water	—	—	—	—	—	—	—	—	—	—	—	1.57	10.6	12.2	0.16	< 0.005	—	17.4
Waste	—	—	—	—	—	—	—	—	—	—	—	8.62	0.00	8.62	0.86	0.00	—	30.2
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.13	0.13
Vegetation	—	-Infinity	-Infinity	—	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	—	-Infinity	-Infinity	—	—	—	-Infinity
Total	0.45	-Infinity	-Infinity	3.16	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	10.2	-Infinity	-Infinity	1.07	0.03	0.70	-Infinity

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.56	0.47	4.33	5.65	0.01	0.16	—	0.16	0.14	—	0.14	—	852	852	0.03	0.01	—	855
Demolition	—	—	—	—	—	—	1.96	1.96	—	0.30	0.30	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.52	0.68	< 0.005	0.02	—	0.02	0.02	—	0.02	—	103	103	< 0.005	< 0.005	—	103
Demolition	—	—	—	—	—	—	0.24	0.24	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.10	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.0	17.0	< 0.005	< 0.005	—	17.1
Demolition	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Worker	0.05	0.04	0.04	0.70	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	138
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.43	0.08	7.00	2.57	0.04	0.08	0.46	0.54	0.08	0.15	0.23	-	5,988	5,988	0.31	0.94	14.0	6,290
Daily, Winter (Max)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Daily	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Worker	0.01	0.01	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	-	16.0	16.0	< 0.005	< 0.005	0.03	16.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.89	0.31	< 0.005	0.01	0.06	0.06	0.01	0.02	0.03	-	722	722	0.04	0.11	0.73	757
Annual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	-	2.65	2.65	< 0.005	< 0.005	< 0.005	2.69
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.16	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	-	120	120	0.01	0.02	0.12	125

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.29	1.09	10.1	10.0	0.02	0.46	—	0.46	0.43	—	0.43	—	1,714	1,714	0.07	0.01	—	1,720

Dust From Material Movement:	—	—	—	—	—	2.07	2.07	—	1.00	1.00	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.29	1.09	10.1	10.0	0.02	0.46	—	0.46	0.43	—	0.43	1,714	1,714	0.07	0.01
Dust From Material Movement:	—	—	—	—	—	—	2.07	2.07	—	1.00	1.00	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.19	1.79	1.79	< 0.005	0.08	—	0.08	0.08	—	0.08	305	305	0.01	< 0.005
Dust From Material Movement:	—	—	—	—	—	—	0.37	0.37	—	0.18	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	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.33	0.33	< 0.005	0.02	—	0.02	0.01	—	0.01	50.5	50.5	< 0.005	< 0.005
Dust From Material Movement:	—	—	—	—	—	—	0.07	0.07	—	0.03	0.03	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Worker	0.04	0.03	0.03	0.52	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	104	104	< 0.005	< 0.005	0.38	105
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.68	0.12	11.1	4.09	0.06	0.12	0.73	0.85	0.12	0.24	0.37	—	9,514	9,514	0.49	1.49	22.3	9,993						
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.44	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	98.3	98.3	< 0.005	< 0.005	0.01	99.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.67	0.11	11.6	4.12	0.06	0.12	0.73	0.85	0.12	0.24	0.37	—	9,517	9,517	0.49	1.49	0.58	9,974						
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	17.8	17.8	< 0.005	< 0.005	0.03	18.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.12	0.02	2.08	0.73	0.01	0.02	0.13	0.15	0.02	0.04	0.07	—	1,694	1,694	0.09	0.27	1.71	1,778						
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	2.94	2.94	< 0.005	< 0.005	< 0.005	2.98
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.38	0.13	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	281	281	0.01	0.04	0.28	294						

3.5.5. Building Construction (2025) - Unmitigated

[illegible]

730 South Western Avenue Future Detailed Report, 10/3/2022

[illegible]

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	14.7
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	6.91	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.59	0.49	4.81	6.91	0.01	0.19	—	0.19	0.17	—	0.17	—	1,304	1,304	0.05	0.01	—	1,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.59	0.49	4.81	6.91	0.01	0.19	—	0.19	0.17	—	0.17	—	1,304	1,304	0.05	0.01	—	1,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.35	3.43	4.93	0.01	0.13	—	0.13	0.12	—	0.12	—	932	932	0.04	0.01	—	935
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.63	0.90	< 0.005	0.02	—	0.02	0.02	—	0.02	—	154	154	0.01	< 0.005	—	155

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daily, Summer (Max)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Worker	0.45	0.40	0.42	7.01	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05	4.98 1,493
Vendor	0.05	0.02	0.71	0.35	< 0.005	0.01	0.04	0.05	< 0.005	0.01	0.02	-	648	648	0.03	0.09	1.75	678	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Worker	0.45	0.40	0.47	5.98	0.00	0.00	0.09	0.09	0.00	0.00	0.00	-	1,395	1,395	0.06	0.05	0.13	1,412	
Vendor	0.05	0.02	0.75	0.35	< 0.005	0.01	0.04	0.05	< 0.005	0.01	0.02	-	648	648	0.03	0.09	0.05	676	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Worker	0.32	0.28	0.37	4.47	0.00	0.00	0.06	0.06	0.00	0.00	0.00	-	1,011	1,011	0.05	0.04	1.54	1,025	
Vendor	0.03	0.01	0.54	0.25	< 0.005	0.01	0.03	0.03	< 0.005	0.01	0.01	-	463	463	0.02	0.07	0.54	483	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Worker	0.06	0.05	0.07	0.82	0.00	0.00	0.01	0.01	0.00	0.00	0.00	-	167	167	0.01	0.01	0.25	170	
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	-	76.6	76.6	< 0.005	0.01	0.09	80.0	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	

3.9. Building Construction (2027) - Unmitigated

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

[illegible]

730 South Western Avenue Future Detailed Report, 10/3/2022

Daily, Summer (Max)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-Road Equipment	0.57	0.48	4.56	6.90	0.01	0.17	-	0.17	0.15	-	0.15	-	1,304	1,304	0.05	0.01	-	1,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-Road Equipment	0.57	0.48	4.56	6.90	0.01	0.17	-	0.17	0.15	-	0.15	-	1,304	1,304	0.05	0.01	-	1,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-Road Equipment	0.27	0.23	2.17	3.28	0.01	0.08	-	0.08	0.07	-	0.07	-	620	620	0.03	0.01	-	622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00
Annual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-Road Equipment	0.05	0.04	0.40	0.60	< 0.005	0.01	-	0.01	0.01	-	0.01	-	103	103	< 0.005	< 0.005	-	103
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daily, Summer (Max)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Worker	0.44	0.39	0.37	6.52	0.00	0.00	0.09	0.09	0.00	0.00	0.00	-	1,443	1,443	0.06	0.05	4.50	1,464
Vendor	0.04	0.02	0.68	0.33	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.02	-	635	635	0.03	0.09	1.66	664
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.38	0.47	5.53	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	—	1,368	1,368	0.02	0.05	0.12	1,384
Vendor	0.04	0.02	0.71	0.33	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.02	—	635	635	0.03	0.09	0.04	662	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.21	0.18	0.22	2.76	0.00	0.00	0.04	0.04	0.00	0.00	0.00	—	660	660	0.01	0.02	0.92	669	
Vendor	0.02	0.01	0.34	0.16	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	302	302	0.01	0.04	0.34	315	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.04	0.03	0.04	0.50	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	109	109	< 0.005	< 0.005	0.15	111	
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	50.0	50.0	< 0.005	0.01	0.06	52.2	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.1.1. Architectural Coating (2027) - Unmitigated

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	7.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.20	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	31.8	31.8	< 0.005	< 0.005	—	31.9
Architectural Coatings	—	1.89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	5.27	5.27	< 0.005	< 0.005	—	5.29
Architectural Coatings	—	0.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	1.30	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	289	289	0.01	0.01	0.90	293
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	0.00	—	66.2	66.2	< 0.005	< 0.005	0.09	67.0

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	11.1		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																			
Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	776	776	0.05	0.01	—	780	
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	288	288	0.02	< 0.005	—	289	
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	75.7	75.7	0.01	< 0.005	—	76.0	

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,140	1,140	0.08	0.01	—	1,145
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	776	776	0.05	0.01	—	780
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	288	288	0.02	< 0.005	—	289
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	75.7	75.7	0.01	< 0.005	—	76.0
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,140	1,140	0.08	0.01	—	1,145
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	129	129	0.01	< 0.005	—	129
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	47.6	47.6	< 0.005	< 0.005	—	47.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.5	12.5	< 0.005	< 0.005	—	12.6
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	189	189	0.01	< 0.005	—	190

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.04	0.02	0.31	0.13	< 0.005	0.03	—	0.03	0.03	—	0.03	—	398	398	0.04	< 0.005	—	399

Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	—	0.00	0.00	—	0.00
Strip Mall	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	6.34	—	6.34	< 0.005	< 0.005	6.36
Total	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	404	—	404	0.04	< 0.005	405
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.04	0.02	0.31	0.13	< 0.005	0.03	—	0.03	0.03	—	—	398	0.04	< 0.005	399
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	—	0.00	0.00	—	0.00
Strip Mall	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	6.34	—	6.34	< 0.005	< 0.005	6.36
Total	0.04	0.02	0.32	0.14	< 0.005	0.03	—	0.03	0.03	404	—	404	0.04	< 0.005	405
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.01	< 0.005	0.06	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	65.8	—	65.8	0.01	< 0.005	66.0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	—	0.00	0.00	—	0.00
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	1.05	—	1.05	< 0.005	< 0.005	1.05
Total	0.01	< 0.005	0.06	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	66.9	—	66.9	0.01	< 0.005	67.1

4.3. Area Emissions by Source

4.3.2. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	2.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscaping Equipment	1.01	0.95	0.08	9.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	27.0	27.0	< 0.005	< 0.005	—	27.1
Total	1.01	3.45	0.08	9.06	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	27.0	27.0	< 0.005	< 0.005	—	27.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	2.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.00	2.51	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	0.42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Landscaping Equipment	0.13	0.12	0.01	1.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.07	3.07	< 0.005	< 0.005	—	3.08
Total	0.13	0.58	0.01	1.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	3.07	3.07	< 0.005	< 0.005	—	—	—	3.08	

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	8.93	60.2	69.1	0.92	0.02	—	98.8
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	—	—	—	—	—	—	—	—	—	—	—	0.57	3.83	4.40	0.06	< 0.005	—	6.30
Total	—	—	—	—	—	—	—	—	—	—	—	9.50	64.0	73.5	0.98	0.02	—	105
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	8.93	60.2	69.1	0.92	0.02	—	98.8

Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	—	—	—	—	—	—	—	—	—	0.57	3.83	4.40	0.06	< 0.005	—	6.30
Total	—	—	—	—	—	—	—	—	—	9.50	64.0	73.5	0.98	0.02	—	105
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	1.48	9.97	11.4	0.15	< 0.005	—	16.4
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	—	—	—	—	—	—	—	—	—	0.09	0.63	0.73	0.01	< 0.005	—	1.04
Total	—	—	—	—	—	—	—	—	—	1.57	10.6	12.2	0.16	< 0.005	—	17.4

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	49.8	0.00	49.8	4.98	0.00	—	174
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Strip Mall	—	—	—	—	—	—	—	—	—	2.27	0.00	2.27	0.23	0.00	—	7.95
Total	—	—	—	—	—	—	—	—	—	52.1	0.00	52.1	5.21	0.00	—	182
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	49.8	0.00	49.8	4.98	0.00	—	174
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	—	—	—	—	—	—	—	—	—	2.27	0.00	2.27	0.23	0.00	—	7.95
Total	—	—	—	—	—	—	—	—	—	52.1	0.00	52.1	5.21	0.00	—	182
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	8.25	0.00	8.25	0.82	0.00	—	28.9
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Strip Mall	—	—	—	—	—	—	—	—	—	0.38	0.00	0.38	0.04	0.00	—	1.32
Total	—	—	—	—	—	—	—	—	—	8.62	0.00	8.62	0.86	0.00	—	30.2

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

[illegible]

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)

[illegible]

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)

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)																		
Vegetatio n	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
African Fern pine	—	-Infinity	-Infinity	—	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	—	-Infinity	-Infinity	—	—	—	-Infinity
Subtotal	—	-Infinity	-Infinity	—	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	—	-Infinity	-Infinity	—	—	—	-Infinity
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
African Fern pine	—	—	—	—	—	—	—	—	—	—	—	—	-Infinity	-Infinity	—	—	—	-Infinity
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	-Infinity	-Infinity	—	—	—	-Infinity

African Fern pine	—	-Infinity	-Infinity	—	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	—	-Infinity	-Infinity	—	—	-Infinity
Subtotal	—	-Infinity	-Infinity	—	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	—	-Infinity	-Infinity	—	—	-Infinity
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
African Fern pine	—	—	—	—	—	—	—	—	—	—	-Infinity	-Infinity	—	—	-Infinity
Subtotal	—	—	—	—	—	—	—	—	—	—	-Infinity	-Infinity	—	—	-Infinity
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
African Fern pine	—	—	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	—	—	—	—	—	—
Subtotal	—	—	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	—	—	—	—	—	—
Total	—	-Infinity	-Infinity	—	-Infinity	-Infinity	-Infinity	-Infinity	-Infinity	—	-Infinity	-Infinity	—	—	-Infinity

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	7/1/2025	8/31/2025	5.00	44.0	—
Grading	Grading	9/1/2025	11/30/2025	5.00	65.0	—
Building Construction	Building Construction	12/1/2025	8/31/2027	5.00	457	—
Architectural Coating	Architectural Coating	5/1/2027	8/31/2027	5.00	87.0	—

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
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	1.00	367	0.40
Grading	Graders	Diesel	Average	1.00	6.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	6.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	4.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	6.00	82.0	0.20
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	2.00	6.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	58.1	30.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	7.50	18.5	LDA,LDT1,LDT2

Grading	Vendor	—	10.2	HHDT,MHDT	
Grading	Hauling	92.3	30.0	HHDT	
Grading	Onsite truck	—	—	HHDT	
Building Construction	—	—	—	—	
Building Construction	Worker	109	18.5	LDA,LDT1 ,LDT2	
Building Construction	Vendor	20.8	10.2	HHDT,MHDT	
Building Construction	Hauling	0.00	20.0	HHDT	
Building Construction	Onsite truck	—	—	HHDT	
Architectural Coating	—	—	—	—	
Architectural Coating	Worker	21.7	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	211 ,386	70,462	6,026	2,009	—

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 (Ton of Debris)	Acres Paved (acres)
------------	---------------------------------	---------------------------------	----------------------	-------------------------------------	---------------------

Demolition	0.00	0.00	0.00	6,577	—
Grading	—	30,000	0.66	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Apartments Mid Rise	—	0%
Enclosed Parking with Elevator	0.00	100%
Strip Mall	0.00	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	690	0.05	0.01
2026	0.00	690	0.05	0.01
2027	0.00	690	0.05	0.01

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
Total all Land Uses	561	561	561	204,765	3,382	3,382	3,382	1,234,430

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	125
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
211385.69999999998	70,462	6,026	2,009	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

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	410,437	690	0.0489	0.0069	1,240,670
Enclosed Parking with Elevator	152,087	690	0.0489	0.0069	0.00
Strip Mall	39,995	690	0.0489	0.0069	19,780

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Mid Rise	4,659,225	21,786
Enclosed Parking with Elevator	0.00	0.00
Strip Mall	297,549	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	31.2	0.00
Enclosed Parking with Elevator	0.00	0.00
Strip Mall	4.22	0.00

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
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
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

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)
----------------	-----------	--------	--------------------------	------------------------------	------------------------------

5.17. User Defined

Equipment Type	Fuel Type
—	—

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
--------------------	---------------	-------------

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
African Fern pine	32.0	68,295	220

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	7.60	annual days of extreme heat
Extreme Precipitation	5.70	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

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

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about $\frac{1}{4}$ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth 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 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

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	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack	N/A	N/A	N/A	N/A
Air Quality	0	0	0	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	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack	N/A	N/A	N/A	N/A
Air Quality	1	1	1	2

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	48.5
AQ-PM	83.8
AQ-DPM	68.9
Drinking Water	92.5

Lead Risk Housing	41.7
Pesticides	0.00
Toxic Releases	77.2
Traffic	69.0
Effect Indicators	—
CleanUp Sites	20.5
Groundwater	45.1
Haz Waste Facilities/Generators	44.7
Impaired Water Bodies	0.00
Solid Waste	35.7
Sensitive Population	—
Asthma	22.3
Cardio-vascular	14.1
Low Birth Weights	9.33
Socioeconomic Factor Indicators	—
Education	69.0
Housing	79.9
Linguistic	94.7
Poverty	77.1
Unemployment	13.2

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	35.66020788
Employed	96.34287181

Median HI	—
Education	—
Bachelor's or higher	70.81996664
High school enrollment	100
Preschool enrollment	13.49929424
Transportation	—
Auto Access	3.888104709
Active commuting	96.03490312
Social	—
2-parent households	79.53291415
Voting	12.61388426
Neighborhood	—
Alcohol availability	4.516874118
Park access	9.457205184
Retail density	93.46849737
Supermarket access	94.25125112
Tree canopy	30.0012832
Housing	—
Homeownership	1.963300398
Housing habitability	18.69626588
Low-inc homeowner severe housing cost burden	72.77043501
Low-inc renter severe housing cost burden	55.31887591
Uncrowded housing	20.60823816
Health Outcomes	—
Insured adults	6.326190171
Arthritis	94.2
Asthma ER Admissions	72.7

High Blood Pressure	70.1
Cancer (excluding skin)	89.7
Asthma	94.4
Coronary Heart Disease	91.8
Chronic Obstructive Pulmonary Disease	91.4
Diagnosed Diabetes	54.0
Life Expectancy at Birth	89.0
Cognitively Disabled	60.3
Physically Disabled	59.0
Heart Attack ER Admissions	85.5
Mental Health Not Good	67.2
Chronic Kidney Disease	85.5
Obesity	85.2
Pedestrian Injuries	92.8
Physical Health Not Good	64.0
Stroke	84.7
Health Risk Behaviors	—
Binge Drinking	86.1
Current Smoker	63.8
No Leisure Time for Physical Activity	45.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	67.0
Elderly	70.0
English Speaking	2.3
Foreign-born	96.1

Outdoor Workers	49.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	0.7
Traffic Density	80.5
Traffic Access	87.4
Other Indices	—
Hardship	41.7
Other Decision Support	—
2016 Voting	8.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	51.0
Healthy Places Index Score for Project Location (b)	40.0
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 Healthy Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Developer information
Construction: Off-Road Equipment	Default assumptions except Trenching, where consultant assumption used
Construction: Dust From Material Movement	Developer information. Includes swell factor
Construction: Trips and VMT	Assumes 28,908 sf commercial building at 12' height = 12,848 CY @ 1,000 lb/CY = 6,424 tons. Source: Federal Emergency Management Agency, Debris Estimating Field Guide (FEMA 329), September 2010. General Building Formula Assumes 14,400 sf of asphalt/concrete parking lot at 6" depth = 267 CY @ 2,400 lb/CY = 320 tons. Source: Federal Emergency Management Agency, Debris Estimating Field Guide (FEMA 329), September 2010. Assumes 10 CY haul truck capacity
Operations: Hearths	Project plans
Land Use	Developer information



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MATES V TOXIC EMISSIONS OVERVIEW

About Air Toxics Cancer Risk

Information about community profile statistics
Information about emission sources
Download PDF

Residential Air Toxics Cancer Risk at MATES Monitoring Sites



Residential Air Toxics Cancer Risk Calculated from Model Data

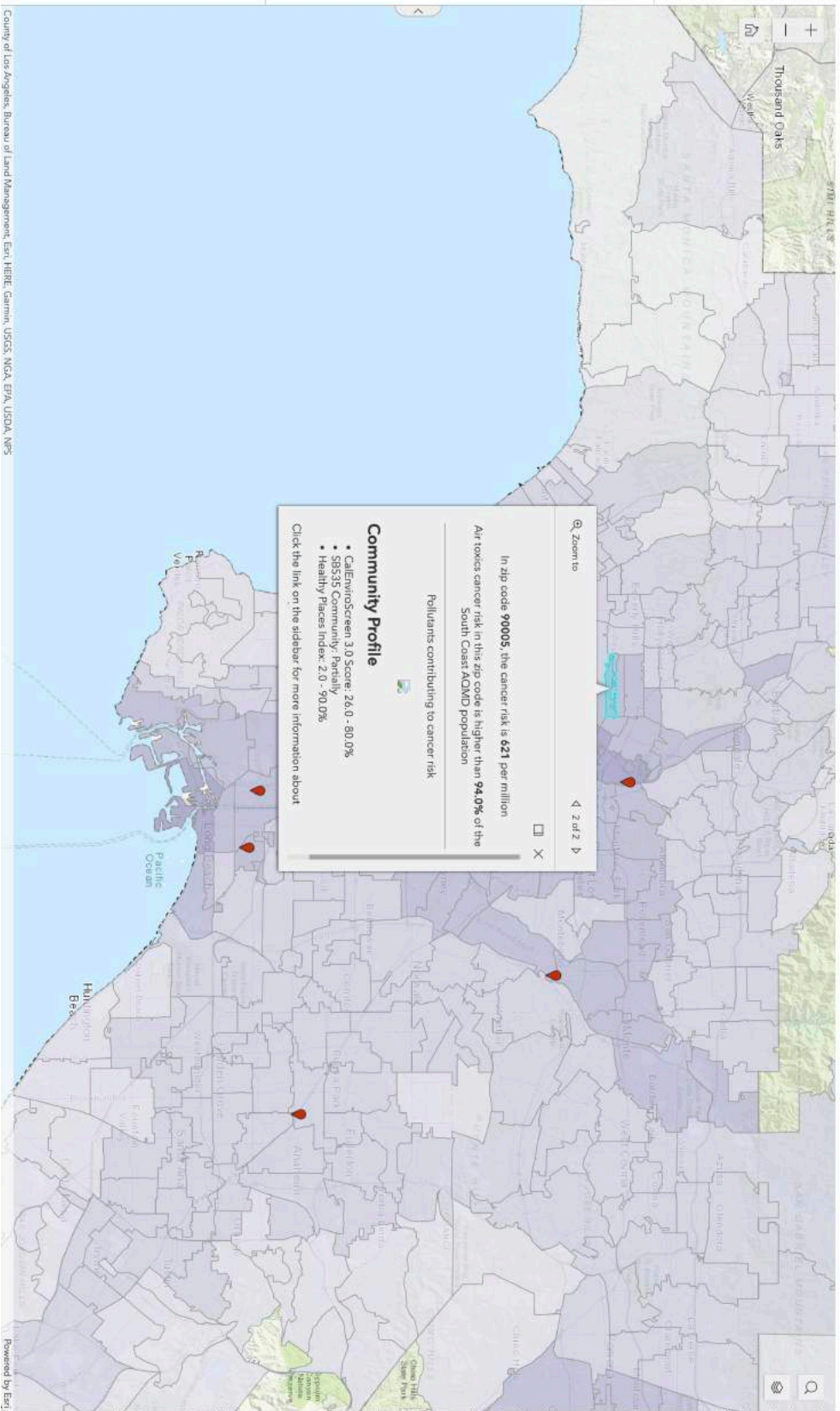
Cancer Risk [per million]



South Coast AQMD Boundary



The air toxics cancer risk data presented in the
MATES Data Visualization is calculated using a
population-weighted average.





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CALENVIROSCREEN 4.0 OUTPUT

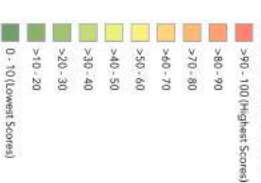
The CalEnviroScreen 4.0 tool shows cumulative impacts in California communities by census tract.

How to use this map

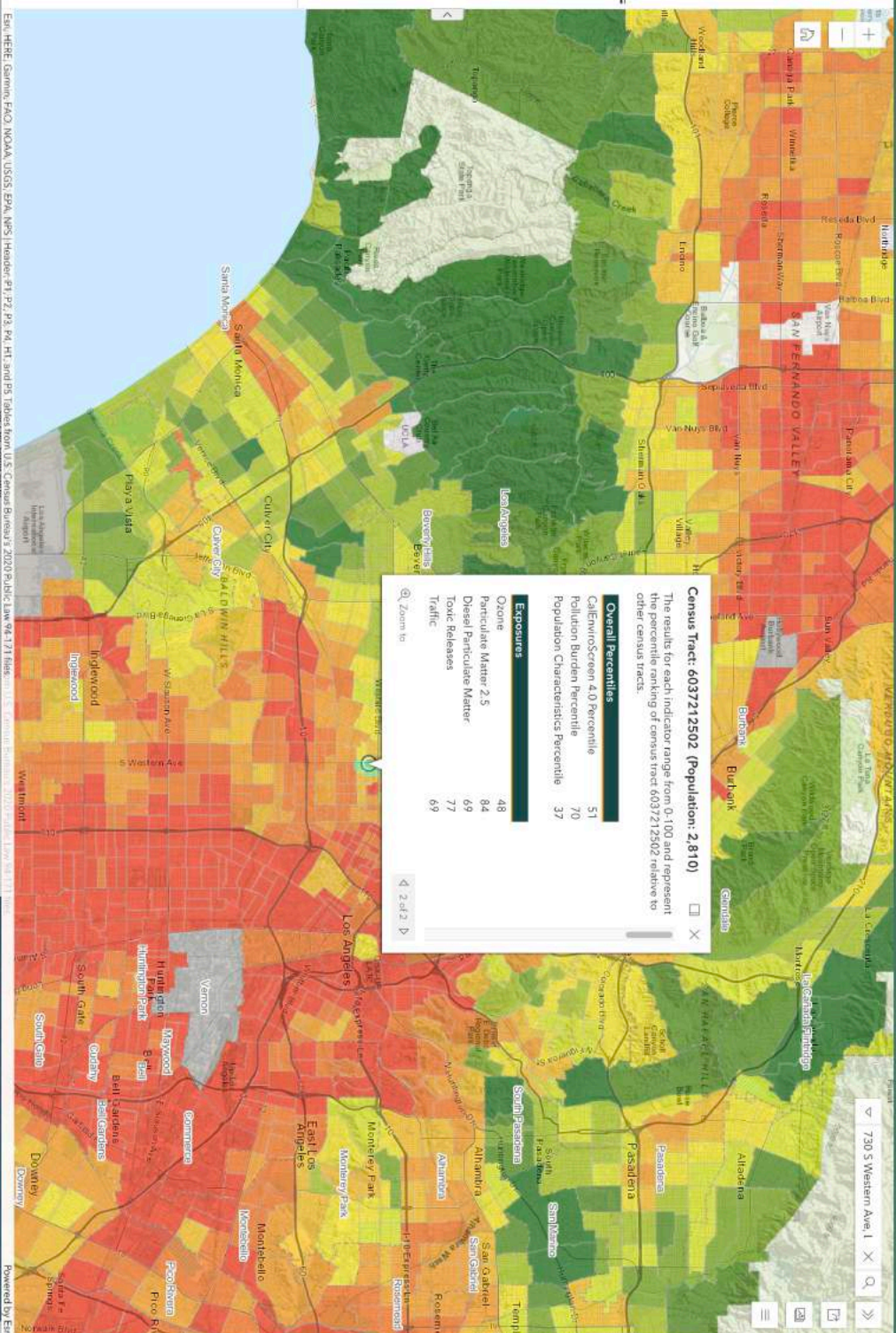
- Use your mouse or touchpad to pan around.
- Zoom in/out with a mouse wheel or the +/- icons.
- Search by location or census tract number with the search icon.
- Click on a census tract to view additional information in the pop-up window.
- Dock the pop-up window to the side of the screen by clicking the dock icon.
- Export a map view that includes the legend and popup using the screenshot widget.
- Learn more about CalEnviroScreen 4.0 and how this map was created here.

Overall Percentile

CalEnviroScreen 4.0 Results



CalEnviroScreen 4.0 High Pollution, Low Population





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DEMOLITION ANALYSIS



1

100

1

100



Douglas Kim + Associates, LLC

CONSTRUCTION BUILDING DEBRIS

Materials	Total SF	Height	Cubic Yards	Pounds per Cub	Tons	Truck Capacity (CY)	Truck Trips	Source
Construction and Debris	0	0	-	484	-	10	-	Florida Department of Environmental Protection A Fact Sheet for C&D Debris Facility Operators <i>Federal Emergency Management Agency, Debris Estimating Field Guide (FEMA 329), September 2010. General Building Formula</i>
General Building	28,157	12	12,514	1,000	6,257	10	2,503	<i>Federal Emergency Management Agency, Debris Estimating Field Guide (FEMA 329), September 2010. Single Family Residence Formula, assumes 1 story, Medium vegetative cover multiplier (1.3)</i>
Single Family Residence	-	12	-	1,000	-	10	-	Florida Department of Environmental Protection A Fact Sheet for C&D Debris Facility Operators
Multi-Family Residence		12	-	1,000	-	10	-	
Mobile Home			-	1,000	-	10	-	
Mixed Debris			-	480	-	10	-	
Vegetative Debris (Hardwoods)			-	500	-	10	-	
Vegetative Debris (Softwoods)			-	333	-	10	-	
Asphalt or concrete (Construction)	14,400	0.5	267	2,400	320	10	53	
TOTAL			12,781		6,577		2,556	



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CUMULATIVE PROJECTS

CLATS

RELATED PROJECTS

Centroid Info:

PROJ ID: 53951

Address: 730 S WESTERN AV
LOS ANGELES , CA 90005

Lat/Long: 34.059, -118.309

- ☐ Include NULL "Trip Info":
- ☐ Include NULL "FirstStudySubmittalDate" (latest)
- ☐ Include "Inactive" projects:
- ☐ Include "Do not show in Related Project":

Net_AM_Trips

- Select -

Net_PM_Trips

- Select -

Net_Daily_Trips

- Select -

Buffer Radius: 0.5

mile

Search

Column

Results generated since: (9/19/2022 3:20:52 PM)

Record Count: 26 | Record Per Page: All Records

ProjID Office Area CD Year Project Title Project Desc Address First Study Submittal Date Distance (mile)

Trip Info

41467	Metro	HWD	10	2013	The Harper Apartments	131 Apts + 7ksf retail (Construction Complete 2021)	800 S HARVARD BL	02/06/2014	0.3	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Apartment's</div> <div>Total Units</div> <div>131</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>
										<div>Retail</div> <div>S.F. Gross Area</div> <div>7000.46</div> <div>77</div> <div>827</div> <div>14</div> <div>32</div> <div>44</div> <div>33</div> <div>Total net project trips</div> <div>33</div>

42314	Metro	HWD	4	2014	Audrey Apartments Mixed-Use	161 Apts & 10 KSF Restaurant (Construction Complete 2020)	700 S Manhattan Pl	11/18/2015	0.1	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Apartment's</div> <div>Total Units</div> <div>162</div> <div>76</div> <div>117</div> <div>1260</div> <div>19</div> <div>57</div> <div>71</div> <div>46</div> <div>Credit applied for existing, transit and pass-by.</div>
										<div>Other</div> <div>S.F. Gross Area</div> <div>6500</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>land use=restaurant</div>

42392	Metro	HWD	10	2014	Apartments	91 Apartments (in construction 2018)	1011 S SERRANO AV	12/03/2014	0.5	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Apartment's</div> <div>Total Units</div> <div>91</div> <div>41</div> <div>50</div> <div>545</div> <div>8</div> <div>33</div> <div>32</div> <div>18</div> <div>Total net trips</div> <div>18</div>
										<div>Retail</div> <div>S.F. Gross Area</div> <div>1750</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>Coffee Shop</div>

45127	Metro	HWD	10	2016	Apartments	67 Apartments	748 S Kingsley Dr	12/12/2016	0.3	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Apartment's</div> <div>Total Units</div> <div>67</div> <div>31</div> <div>38</div> <div>406</div> <div>6</div> <div>25</div> <div>24</div> <div>14</div> <div>Existing use credits applied.</div>
										<div>Other</div> <div>S.F. Gross Area</div> <div>8000</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>Restaurant</div>

45425	Metro	HWD	10	2017	Mixed-Use (Revised)	228 Apartments, 12 KSF Retail,1750 SF coffee shop, 3.5KSF restaurant	3986 W Wilshire bl	02/09/2017	0.3	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Apartment's</div> <div>Total Units</div> <div>228</div> <div>-44</div> <div>78</div> <div>503</div> <div>-50</div> <div>6</div> <div>53</div> <div>25</div> <div>Total includes credit for existing, transit, pass-by.</div>
										<div>Other</div> <div>S.F. Gross Area</div> <div>3500</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>Restaurant</div>

45816	Metro	HWD	10	2017	Mixed-Use	44 Apts, 200 hotel rooms, 8 KSF Restaurant, 10 KSF retail	3751 W 6th st	05/11/2017	0.4	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Apartment's</div> <div>Total Units</div> <div>44</div> <div>70</div> <div>57</div> <div>1183</div> <div>39</div> <div>31</div> <div>36</div> <div>21</div> <div>Total net project trips</div> <div>21</div>
										<div>Retail</div> <div>S.F. Gross Area</div> <div>10000</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>Hotel rooms</div>

46253	Metro	HWD	10	2017	Mixed-Use	192 Hotel Rooms, 23459 SF Retail, 122 Condominiums	3800 W 6th St	08/10/2021	0.3	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Condominium's</div> <div>Total Units</div> <div>122</div> <div>84</div> <div>124</div> <div>1966</div> <div>34</div> <div>50</div> <div>73</div> <div>51</div> <div>Total includes credits for existing uses, transit, internal, and pass-by.</div>
										<div>Other</div> <div>S.F. Gross Area</div> <div>23459</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>land use= hotel</div>

47793	Metro	HWD	10	2018	Mixed-Use	157 Apartments, 5981 SF Retail, 6 KSF Restaurant	760 S SERRANO AV	01/10/2019	0.2	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Apartment's</div> <div>Total Units</div> <div>157</div> <div>108</div> <div>129</div> <div>1590</div> <div>38</div> <div>70</div> <div>79</div> <div>50</div> <div>Total includes transit, internal, pass-by credit.</div>
										<div>Other</div> <div>S.F. Gross Area</div> <div>6000</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>land use=restaurant</div>

49544	Metro	HWD	4	2020	Residential	120 Apartments	975 S Manhattan	10/28/2021	0.4	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Apartment's</div> <div>Total Units</div> <div>120</div> <div>37</div> <div>45</div> <div>468</div> <div>9</div> <div>28</div> <div>27</div> <div>18</div> <div>mid rise</div>
										<div>Other</div> <div>S.F. Gross Area</div> <div>6128</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>

49839	Metro	HWD	4	2020	Mixed-Use	118 Apt inc 12 ELI/Affordable units, 7458 SF Retail	3323 W Olympic bl	07/30/2020	0.4	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Apartment's</div> <div>Total Units</div> <div>118</div> <div>38</div> <div>54</div> <div>641</div> <div>11</div> <div>27</div> <div>31</div> <div>23</div> <div>Total includes credits for transit and pass-by.</div>
										<div>Retail</div> <div>S.F. Gross Area</div> <div>6128</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>

49928	Metro	HWD	10	2020	Mixed-Use	223 Apartments, 25 KSF Retail, 15.5 KSF Office, 28 Affordable apts.	3433 W 8th St	05/29/2020	0.3	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Apartment's</div> <div>Total Units</div> <div>223</div> <div>99</div> <div>103</div> <div>1243</div> <div>37</div> <div>62</div> <div>57</div> <div>46</div> <div></div>
										<div>Retail</div> <div>S.F. Gross Area</div> <div>25000</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>

50280	Metro	HWD	10	2020	Mixed-Use (VMT Update)	760 Apartments, 6359 SF Retail	3600 W WILSHIRE BLVD	09/02/2020	0.3	<div>Land Use</div> <div>Unit_ID</div> <div>size</div> <div>Net_AM_Trips</div> <div>Net_PM_Trips</div> <div>Net_Daily_Trips</div> <div>NetAMin</div> <div>NetAMOut</div> <div>NetPMIn</div> <div>NetPMOut</div> <div>Comments</div>
										<div>Condominium's</div> <div>Total Units</div> <div>760</div> <div>249</div> <div>309</div> <div>2768</div> <div>47</div> <div>202</div> <div>202</div> <div>107</div> <div>Total net project trips, pk hr trips from previous study for 44880</div>
										<div>Retail</div> <div>S.F. Gross Area</div> <div>6359</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>

Land Use	Unit_ID	size	Net_AM_Trips	Net_PM_Trips	Net_Daily_Trips	NetAMin	NetAMOut	NetPMIn	NetPMOut	Comments

51236	Metro	HWD	10	2021	Wilshire Mixed Use	Tech Memo (Const start 2022)	3545 W Wilshire BL	03/11/2021																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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