Cypress 5665 Plaza Drive - Existing Uses Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Cypress 5665 Plaza Drive - Existing Uses
Operational Year	2023
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	6.20
Location	Plaza Dr, Cypress, CA 90630, USA
County	Orange
City	Cypress
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5874
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	37.7	1000sqft	8.53	37,657	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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.59	1.29	12.9	0.03	0.04	2.20	2.24	0.04	0.56	0.59	31.7	3,892	3,923	3.42	0.14	4,063
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.31	1.36	10.6	0.03	0.04	2.20	2.23	0.03	0.56	0.59	31.7	3,787	3,818	3.43	0.15	3,948
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.48	1.38	11.9	0.03	0.04	2.19	2.23	0.04	0.56	0.59	31.7	3,818	3,849	3.43	0.15	3,984
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.45	0.25	2.18	< 0.005	0.01	0.40	0.41	0.01	0.10	0.11	5.25	632	637	0.57	0.02	660

2.5. Operations Emissions by Sector, Unmitigated

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

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

Mobile	1.41	1.02	11.0	0.02	0.02	2.20	2.22	0.02	0.56	0.57	—	2,535	2,535	0.13	0.10	2,580
Area	1.17	0.01	1.64	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.73	6.73	< 0.005	< 0.005	6.76
Energy	0.01	0.26	0.22	< 0.005	0.02	—	0.02	0.02	—	0.02	—	1,284	1,284	0.09	0.01	1,289
Water	—	—	—	—	—	—	—	—	—	—	12.8	66.4	79.2	1.32	0.03	122
Waste	—	—	—	—	—	—	—	—	—	—	18.9	0.00	18.9	1.89	0.00	66.0
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.09
Total	2.59	1.29	12.9	0.03	0.04	2.20	2.24	0.04	0.56	0.59	31.7	3,892	3,923	3.42	0.14	4,063
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.39	1.11	10.4	0.02	0.02	2.20	2.22	0.02	0.56	0.57	—	2,436	2,436	0.14	0.11	2,472
Area	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.01	0.26	0.22	< 0.005	0.02	—	0.02	0.02	—	0.02	—	1,284	1,284	0.09	0.01	1,289
Water	—	—	—	—	—	—	—	—	—	—	12.8	66.4	79.2	1.32	0.03	122
Waste	—	—	—	—	—	—	—	—	—	—	18.9	0.00	18.9	1.89	0.00	66.0
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.09
Total	2.31	1.36	10.6	0.03	0.04	2.20	2.23	0.03	0.56	0.59	31.7	3,787	3,818	3.43	0.15	3,948
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.38	1.12	10.6	0.02	0.02	2.19	2.21	0.02	0.56	0.57	—	2,463	2,463	0.14	0.11	2,503
Area	1.09	0.01	1.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.61	4.61	< 0.005	< 0.005	4.63
Energy	0.01	0.26	0.22	< 0.005	0.02	—	0.02	0.02	—	0.02	—	1,284	1,284	0.09	0.01	1,289
Water	—	—	—	—	—	—	—	—	—	—	12.8	66.4	79.2	1.32	0.03	122
Waste	—	—	—	—	—	—	—	—	—	—	18.9	0.00	18.9	1.89	0.00	66.0
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.09
Total	2.48	1.38	11.9	0.03	0.04	2.19	2.23	0.04	0.56	0.59	31.7	3,818	3,849	3.43	0.15	3,984
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.25	0.20	1.93	< 0.005	< 0.005	0.40	0.40	< 0.005	0.10	0.10	—	408	408	0.02	0.02	414
Area	0.20	< 0.005	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.76	0.76	< 0.005	< 0.005	0.77

Energy	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	213	213	0.01	< 0.005	213
Water	—	—	—	—	—	—	—	—	—	—	2.12	11.0	13.1	0.22	0.01	20.1
Waste	—	—	—	—	—	—	—	—	—	—	3.12	0.00	3.12	0.31	0.00	10.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02
Total	0.45	0.25	2.18	< 0.005	0.01	0.40	0.41	0.01	0.10	0.11	5.25	632	637	0.57	0.02	660

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	1.41	1.02	11.0	0.02	0.02	2.20	2.22	0.02	0.56	0.57	—	2,535	2,535	0.13	0.10	2,580
Total	1.41	1.02	11.0	0.02	0.02	2.20	2.22	0.02	0.56	0.57	—	2,535	2,535	0.13	0.10	2,580
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	1.39	1.11	10.4	0.02	0.02	2.20	2.22	0.02	0.56	0.57	—	2,436	2,436	0.14	0.11	2,472
Total	1.39	1.11	10.4	0.02	0.02	2.20	2.22	0.02	0.56	0.57	—	2,436	2,436	0.14	0.11	2,472
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.25	0.20	1.93	< 0.005	< 0.005	0.40	0.40	< 0.005	0.10	0.10	—	408	408	0.02	0.02	414

Total	0.25	0.20	1.93	< 0.005	< 0.005	0.40	0.40	< 0.005	0.10	0.10	—	408	408	0.02	0.02	414

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	978	978	0.06	0.01	982
Total	—	—	—	—	—	—	—	—	—	—	—	978	978	0.06	0.01	982
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	978	978	0.06	0.01	982
Total	—	—	—	—	—	—	—	—	—	—	—	978	978	0.06	0.01	982
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	162	162	0.01	< 0.005	163
Total	—	—	—	—	—	—	—	—	—	—	—	162	162	0.01	< 0.005	163

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.01	0.26	0.22	< 0.005	0.02	—	0.02	0.02	—	0.02	—	306	306	0.03	< 0.005	307
Total	0.01	0.26	0.22	< 0.005	0.02	—	0.02	0.02	—	0.02	—	306	306	0.03	< 0.005	307
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.01	0.26	0.22	< 0.005	0.02	—	0.02	0.02	—	0.02	—	306	306	0.03	< 0.005	307
Total	0.01	0.26	0.22	< 0.005	0.02	—	0.02	0.02	—	0.02	—	306	306	0.03	< 0.005	307
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.6	50.6	< 0.005	< 0.005	50.8
Total	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.6	50.6	< 0.005	< 0.005	50.8

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscap Equipment	0.27	0.01	1.64	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.73	6.73	< 0.005	< 0.005	6.76
Total	1.17	0.01	1.64	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.73	6.73	< 0.005	< 0.005	6.76
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectu ral Coatings	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectu ral Coatings	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscap e Equipmen t	0.03	< 0.005	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.76	0.76	< 0.005	< 0.005	0.77
Total	0.20	< 0.005	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.76	0.76	< 0.005	< 0.005	0.77

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

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

General Office Building	—	—	—	—	—	—	—	—	—	—	12.8	66.4	79.2	1.32	0.03	122
Total	—	—	—	—	—	—	—	—	—	—	12.8	66.4	79.2	1.32	0.03	122
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	12.8	66.4	79.2	1.32	0.03	122
Total	—	—	—	—	—	—	—	—	—	—	12.8	66.4	79.2	1.32	0.03	122
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	2.12	11.0	13.1	0.22	0.01	20.1
Total	—	—	—	—	—	—	—	—	—	—	2.12	11.0	13.1	0.22	0.01	20.1

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	18.9	0.00	18.9	1.89	0.00	66.0
Total	—	—	—	—	—	—	—	—	—	—	18.9	0.00	18.9	1.89	0.00	66.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	18.9	0.00	18.9	1.89	0.00	66.0
Total	—	—	—	—	—	—	—	—	—	—	18.9	0.00	18.9	1.89	0.00	66.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	3.12	0.00	3.12	0.31	0.00	10.9
Total	—	—	—	—	—	—	—	—	—	—	3.12	0.00	3.12	0.31	0.00	10.9

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.09
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.09
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.09
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.09
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. 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
General Office Building	408	408	408	148,856	3,108	3,108	3,108	1,134,312

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	56,486	18,829	—

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)
General Office Building	671,059	532	0.0330	0.0040	954,472

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	6,692,920	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	35.0	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

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

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

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

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)

8. User Changes to Default Data

Screen	Justification
Land Use	8.53 acre project site with an existing 150,626 sf office building, however only 25% is currently occupied, which is about 37,657 sf
Operations: Vehicle Data	Based trip generation for the existing uses, which assumes 408 ADT