

Rancho Cucamonga - El Camino (Phase 1 Operations) Custom Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Rancho Cucamonga - El Camino (Phase 1 Operations)
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	20.8
Location	10670 6th St, Rancho Cucamonga, CA 91730, USA
County	San Bernardino-South Coast
City	Rancho Cucamonga
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5279
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	64.5	1000sqft	0.82	64,501	0.00	—	—	Admin Space for AS/RS

Unrefrigerated Warehouse-No Rail	240	1000sqft	4.66	239,754	0.00	—	—	DC and AS/RS
Manufacturing	352	1000sqft	4.78	351,601	0.00	—	—	PC
Unenclosed Parking Structure	127	1000sqft	1.49	127,031	0.00	—	—	Truck Deck
Unenclosed Parking with Elevator	208	1000sqft	1.20	208,444	0.00	—	—	Parking Garage for Cars
User Defined Industrial	3.80	User Defined Unit	0.09	3,800	0.00	—	—	CVWD Well
Parking Lot	15.6	Acre	15.6	0.00	129,500	—	—	Remaining Surface-level Parking Area with Landscaping
Other Asphalt Surfaces	3.10	Acre	3.10	0.00	0.00	—	—	Off-site 6th Street and Haven Improvements
Refrigerated Warehouse-No Rail	1.00	1000sqft	0.00	1,000	0.00	—	—	Refrigerated Portion of Warehouse
Unrefrigerated Warehouse-No Rail	62.2	1000sqft	1.43	62,210	0.00	—	—	7th Street Warehouse

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Transportation	T-5	Implement Commute Trip Reduction Program (Voluntary)
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Energy	E-1	Buildings Exceed 2019 Title 24 Building Envelope Energy Efficiency Standards
Energy	E-2	Require Energy Efficient Appliances

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

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.	51.1	34.5	182	236	1.64	3.16	64.6	67.8	3.03	17.1	20.1	899	226,346	227,245	111	27.0	509	238,584
Mit.	50.8	34.2	181	233	1.63	3.16	63.9	67.1	3.02	16.9	19.9	899	224,728	225,627	111	27.0	507	236,953
% Reduced	1%	1%	< 0.5%	1%	< 0.5%	< 0.5%	1%	1%	< 0.5%	1%	1%	—	1%	1%	< 0.5%	< 0.5%	< 0.5%	1%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	42.4	26.5	189	173	1.62	3.08	64.6	67.7	2.97	17.1	20.1	899	224,590	225,489	111	27.1	103	236,434
Mit.	42.2	26.2	189	170	1.61	3.08	63.9	67.0	2.96	16.9	19.9	899	223,028	223,927	111	27.0	103	234,861
% Reduced	1%	1%	< 0.5%	2%	< 0.5%	< 0.5%	1%	1%	< 0.5%	1%	1%	—	1%	1%	< 0.5%	< 0.5%	< 0.5%	1%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	42.0	29.9	139	170	1.20	2.40	48.4	50.8	2.30	12.8	15.1	899	176,460	177,359	107	19.9	225	186,173
Mit.	41.7	29.7	139	167	1.19	2.40	47.8	50.2	2.30	12.6	14.9	899	174,983	175,882	107	19.9	224	184,686
% Reduced	1%	1%	< 0.5%	1%	< 0.5%	< 0.5%	1%	1%	< 0.5%	1%	1%	—	1%	1%	< 0.5%	< 0.5%	< 0.5%	1%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.66	5.46	25.4	31.0	0.22	0.44	8.83	9.27	0.42	2.33	2.75	149	29,215	29,364	17.7	3.29	37.2	30,823
Mit.	7.62	5.42	25.4	30.5	0.22	0.44	8.73	9.16	0.42	2.31	2.72	149	28,971	29,119	17.6	3.29	37.0	30,577
% Reduced	1%	1%	< 0.5%	1%	< 0.5%	< 0.5%	1%	1%	< 0.5%	1%	1%	—	1%	1%	< 0.5%	< 0.5%	< 0.5%	1%

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	25.6	9.97	175	185	1.60	2.62	64.6	67.2	2.50	17.1	19.6	—	177,706	177,706	15.3	25.4	418	186,069
Area	24.8	24.2	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Energy	0.67	0.33	6.07	5.10	0.04	0.46	—	0.46	0.46	—	0.46	—	46,827	46,827	4.41	0.47	—	47,077
Water	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684
Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	51.1	34.5	182	236	1.64	3.16	64.6	67.8	3.03	17.1	20.1	899	226,346	227,245	111	27.0	509	238,584
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	25.2	9.51	183	168	1.58	2.62	64.6	67.2	2.51	17.1	19.6	—	176,139	176,139	15.3	25.4	10.8	184,109
Area	16.6	16.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.67	0.33	6.07	5.10	0.04	0.46	—	0.46	0.46	—	0.46	—	46,827	46,827	4.41	0.47	—	47,077
Water	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684
Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	42.4	26.5	189	173	1.62	3.08	64.6	67.7	2.97	17.1	20.1	899	224,590	225,489	111	27.1	103	236,434
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	19.1	7.79	133	133	1.16	1.88	48.4	50.3	1.80	12.8	14.6	—	128,668	128,668	11.0	18.2	133	134,510

Area	22.2	21.8	0.27	31.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	130	130	0.01	< 0.005	—	130
Energy	0.67	0.33	6.07	5.10	0.04	0.46	—	0.46	0.46	—	0.46	—	46,039	46,039	4.34	0.46	—	46,285
Water	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684
Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	42.0	29.9	139	170	1.20	2.40	48.4	50.8	2.30	12.8	15.1	899	176,460	177,359	107	19.9	225	186,173
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.48	1.42	24.3	24.3	0.21	0.34	8.83	9.18	0.33	2.33	2.66	—	21,302	21,302	1.83	3.02	22.0	22,270
Area	4.06	3.98	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5
Energy	0.12	0.06	1.11	0.93	0.01	0.08	—	0.08	0.08	—	0.08	—	7,622	7,622	0.72	0.08	—	7,663
Water	—	—	—	—	—	—	—	—	—	—	—	79.2	269	348	8.14	0.20	—	610
Waste	—	—	—	—	—	—	—	—	—	—	—	69.7	0.00	69.7	6.96	0.00	—	244
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	7.66	5.46	25.4	31.0	0.22	0.44	8.83	9.27	0.42	2.33	2.75	149	29,215	29,364	17.7	3.29	37.2	30,823

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	25.3	9.71	175	182	1.59	2.62	63.9	66.5	2.50	16.9	19.4	—	176,996	176,996	15.3	25.4	415	185,351
Area	24.8	24.2	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Energy	0.66	0.33	6.03	5.06	0.04	0.46	—	0.46	0.46	—	0.46	—	45,918	45,918	4.33	0.46	—	46,164
Water	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684

Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	50.8	34.2	181	233	1.63	3.16	63.9	67.1	3.02	16.9	19.9	899	224,728	225,627	111	27.0	507	236,953
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	24.9	9.26	183	165	1.58	2.62	63.9	66.5	2.50	16.9	19.4	—	175,486	175,486	15.3	25.4	10.8	183,449
Area	16.6	16.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.66	0.33	6.03	5.06	0.04	0.46	—	0.46	0.46	—	0.46	—	45,918	45,918	4.33	0.46	—	46,164
Water	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684
Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	42.2	26.2	189	170	1.61	3.08	63.9	67.0	2.96	16.9	19.9	899	223,028	223,927	111	27.0	103	234,861
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	18.8	7.58	133	131	1.15	1.88	47.8	49.7	1.80	12.6	14.4	—	128,100	128,100	11.0	18.2	132	133,937
Area	22.2	21.8	0.27	31.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	130	130	0.01	< 0.005	—	130
Energy	0.66	0.33	6.03	5.06	0.04	0.46	—	0.46	0.46	—	0.46	—	45,130	45,130	4.25	0.45	—	45,371
Water	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684
Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	41.7	29.7	139	167	1.19	2.40	47.8	50.2	2.30	12.6	14.9	899	174,983	175,882	107	19.9	224	184,686
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.44	1.38	24.2	23.9	0.21	0.34	8.73	9.07	0.33	2.31	2.63	—	21,208	21,208	1.82	3.02	21.9	22,175
Area	4.06	3.98	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5

Energy	0.12	0.06	1.10	0.92	0.01	0.08	—	0.08	0.08	—	0.08	—	7,472	7,472	0.70	0.07	—	7,512
Water	—	—	—	—	—	—	—	—	—	—	—	79.2	269	348	8.14	0.20	—	610
Waste	—	—	—	—	—	—	—	—	—	—	—	69.7	0.00	69.7	6.96	0.00	—	244
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	7.62	5.42	25.4	30.5	0.22	0.44	8.73	9.16	0.42	2.31	2.72	149	28,971	29,119	17.6	3.29	37.0	30,577

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	8.13	7.42	4.38	90.9	0.20	0.08	19.6	19.7	0.08	4.95	5.03	—	20,172	20,172	0.65	0.46	65.9	20,391
Unrefrigerated Warehouse-No Rail	17.5	2.55	171	94.1	1.40	2.54	45.0	47.5	2.42	12.1	14.6	—	157,534	157,534	14.6	24.9	352	165,677
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unenclosed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	25.6	9.97	175	185	1.60	2.62	64.6	67.2	2.50	17.1	19.6	—	177,706	177,706	15.3	25.4	418	186,069
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	7.76	7.05	4.87	73.6	0.18	0.08	19.6	19.7	0.08	4.95	5.03	—	18,574	18,574	0.68	0.49	1.71	18,740
Unrefrigerated Warehouse-No Rail	17.4	2.46	178	94.4	1.40	2.54	45.0	47.5	2.43	12.1	14.6	—	157,566	157,566	14.6	24.9	9.12	165,369
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed 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	0.00	0.00	0.00	0.00	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	25.2	9.51	183	168	1.58	2.62	64.6	67.2	2.51	17.1	19.6	—	176,139	176,139	15.3	25.4	10.8	184,109
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	1.21	1.09	0.78	12.0	0.03	0.01	3.03	3.04	0.01	0.76	0.78	—	2,671	2,671	0.10	0.07	4.04	2,699
Unrefrigerated Warehouse-No Rail	2.28	0.33	23.5	12.3	0.18	0.33	5.81	6.14	0.32	1.57	1.88	—	18,631	18,631	1.73	2.95	18.0	19,571
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed 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	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.48	1.42	24.3	24.3	0.21	0.34	8.83	9.18	0.33	2.33	2.66	—	21,302	21,302	1.83	3.02	22.0	22,270

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	7.84	7.16	4.23	87.7	0.19	0.08	18.9	19.0	0.08	4.78	4.85	—	19,462	19,462	0.63	0.44	63.6	19,674
Unrefrigerated Warehouse-No Rail	17.5	2.55	171	94.1	1.40	2.54	45.0	47.5	2.42	12.1	14.6	—	157,534	157,534	14.6	24.9	352	165,677
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unenclosed 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	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	25.3	9.71	175	182	1.59	2.62	63.9	66.5	2.50	16.9	19.4	—	176,996	176,996	15.3	25.4	415	185,351
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	7.49	6.81	4.70	71.1	0.18	0.08	18.9	19.0	0.08	4.78	4.85	—	17,920	17,920	0.66	0.48	1.65	18,080
Unrefrigerated Warehouse-No Rail	17.4	2.46	178	94.4	1.40	2.54	45.0	47.5	2.43	12.1	14.6	—	157,566	157,566	14.6	24.9	9.12	165,369
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unenclosed 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	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	24.9	9.26	183	165	1.58	2.62	63.9	66.5	2.50	16.9	19.4	—	175,486	175,486	15.3	25.4	10.8	183,449
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	1.16	1.06	0.76	11.6	0.03	0.01	2.92	2.93	0.01	0.74	0.75	—	2,577	2,577	0.09	0.07	3.90	2,604
Unrefrigerated Warehouse-No Rail	2.28	0.33	23.5	12.3	0.18	0.33	5.81	6.14	0.32	1.57	1.88	—	18,631	18,631	1.73	2.95	18.0	19,571
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unenclosed 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	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.44	1.38	24.2	23.9	0.21	0.34	8.73	9.07	0.33	2.31	2.63	—	21,208	21,208	1.82	3.02	21.9	22,175

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,068	1,068	0.10	0.01	—	1,074
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	19,532	19,532	1.86	0.23	—	19,646

Manufac	—	—	—	—	—	—	—	—	—	—	—	—	11,243	11,243	1.07	0.13	—	11,309
Unenclo sed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	317	317	0.03	< 0.005	—	318
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	557	557	0.05	0.01	—	560
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	743	743	0.07	0.01	—	747
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	566	566	0.05	0.01	—	570
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	20.8	20.8	< 0.005	< 0.005	—	20.9
undefine d	—	—	—	—	—	—	—	—	—	—	—	—	5,533	5,533	0.53	0.06	—	5,565
Total	—	—	—	—	—	—	—	—	—	—	—	—	39,579	39,579	3.77	0.46	—	39,809
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,068	1,068	0.10	0.01	—	1,074
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	19,532	19,532	1.86	0.23	—	19,646

Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	11,243	11,243	1.07	0.13	—	11,309
Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	317	317	0.03	< 0.005	—	318
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	557	557	0.05	0.01	—	560
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	743	743	0.07	0.01	—	747
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	566	566	0.05	0.01	—	570
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	20.8	20.8	< 0.005	< 0.005	—	20.9
undefined	—	—	—	—	—	—	—	—	—	—	—	—	5,533	5,533	0.53	0.06	—	5,565
Total	—	—	—	—	—	—	—	—	—	—	—	—	39,579	39,579	3.77	0.46	—	39,809
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	177	177	0.02	< 0.005	—	178
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	3,234	3,234	0.31	0.04	—	3,253
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	1,861	1,861	0.18	0.02	—	1,872

Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	52.4	52.4	< 0.005	< 0.005	—	52.7
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	92.2	92.2	0.01	< 0.005	—	92.8
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	123	123	0.01	< 0.005	—	124
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	93.8	93.8	0.01	< 0.005	—	94.3
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	3.44	3.44	< 0.005	< 0.005	—	3.46
undefined	—	—	—	—	—	—	—	—	—	—	—	—	785	785	0.07	0.01	—	790
Total	—	—	—	—	—	—	—	—	—	—	—	—	6,422	6,422	0.61	0.07	—	6,460

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,033	1,033	0.10	0.01	—	1,039

Unrefrig erated	—	—	—	—	—	—	—	—	—	—	—	—	19,123	19,123	1.82	0.22	—	19,235
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	—	10,833	10,833	1.03	0.13	—	10,896
Unenclo sed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	317	317	0.03	< 0.005	—	318
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	557	557	0.05	0.01	—	560
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	743	743	0.07	0.01	—	747
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	566	566	0.05	0.01	—	570
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	20.8	20.8	< 0.005	< 0.005	—	20.9
undefine d	—	—	—	—	—	—	—	—	—	—	—	—	5,533	5,533	0.53	0.06	—	5,565
Total	—	—	—	—	—	—	—	—	—	—	—	—	38,725	38,725	3.69	0.45	—	38,951
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,033	1,033	0.10	0.01	—	1,039

Unrefrig erated Wareho use-No	—	—	—	—	—	—	—	—	—	—	—	—	19,123	19,123	1.82	0.22	—	19,235
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	—	10,833	10,833	1.03	0.13	—	10,896
Unenclo sed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	317	317	0.03	< 0.005	—	318
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	557	557	0.05	0.01	—	560
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	743	743	0.07	0.01	—	747
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	566	566	0.05	0.01	—	570
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	20.8	20.8	< 0.005	< 0.005	—	20.9
undefine d	—	—	—	—	—	—	—	—	—	—	—	—	5,533	5,533	0.53	0.06	—	5,565
Total	—	—	—	—	—	—	—	—	—	—	—	—	38,725	38,725	3.69	0.45	—	38,951
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	171	171	0.02	< 0.005	—	172

Unrefrig erated Wareho use-No	—	—	—	—	—	—	—	—	—	—	—	—	3,166	3,166	0.30	0.04	—	3,184
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	—	1,794	1,794	0.17	0.02	—	1,804
Unenclo sed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	52.4	52.4	< 0.005	< 0.005	—	52.7
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	92.2	92.2	0.01	< 0.005	—	92.8
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	123	123	0.01	< 0.005	—	124
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	93.8	93.8	0.01	< 0.005	—	94.3
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	3.44	3.44	< 0.005	< 0.005	—	3.46
undefine d	—	—	—	—	—	—	—	—	—	—	—	—	785	785	0.07	0.01	—	790
Total	—	—	—	—	—	—	—	—	—	—	—	—	6,281	6,281	0.60	0.07	—	6,317

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.05	0.03	0.48	0.40	< 0.005	0.04	—	0.04	0.04	—	0.04	—	567	567	0.05	< 0.005	—	569
Unrefrigerated Warehouse-No Rail	0.17	0.08	1.54	1.30	0.01	0.12	—	0.12	0.12	—	0.12	—	1,840	1,840	0.16	< 0.005	—	1,845
Manufacturing	0.45	0.22	4.05	3.40	0.02	0.31	—	0.31	0.31	—	0.31	—	4,833	4,833	0.43	0.01	—	4,846
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.44	8.44	< 0.005	< 0.005	—	8.47
Total	0.67	0.33	6.07	5.10	0.04	0.46	—	0.46	0.46	—	0.46	—	7,248	7,248	0.64	0.01	—	7,268

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.05	0.03	0.48	0.40	< 0.005	0.04	—	0.04	0.04	—	0.04	—	567	567	0.05	< 0.005	—	569
Unrefrigerated Warehouse-No Rail	0.17	0.08	1.54	1.30	0.01	0.12	—	0.12	0.12	—	0.12	—	1,840	1,840	0.16	< 0.005	—	1,845
Manufacturing	0.45	0.22	4.05	3.40	0.02	0.31	—	0.31	0.31	—	0.31	—	4,833	4,833	0.43	0.01	—	4,846
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.44	8.44	< 0.005	< 0.005	—	8.47
Total	0.67	0.33	6.07	5.10	0.04	0.46	—	0.46	0.46	—	0.46	—	7,248	7,248	0.64	0.01	—	7,268
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.01	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	93.9	93.9	0.01	< 0.005	—	94.2
Unrefrigerated Warehouse-No Rail	0.03	0.02	0.28	0.24	< 0.005	0.02	—	0.02	0.02	—	0.02	—	305	305	0.03	< 0.005	—	305
Manufacturing	0.08	0.04	0.74	0.62	< 0.005	0.06	—	0.06	0.06	—	0.06	—	800	800	0.07	< 0.005	—	802
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.40	1.40	< 0.005	< 0.005	—	1.40
Total	0.12	0.06	1.11	0.93	0.01	0.08	—	0.08	0.08	—	0.08	—	1,200	1,200	0.11	< 0.005	—	1,203

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.05	0.03	0.46	0.39	< 0.005	0.03	—	0.03	0.03	—	0.03	—	549	549	0.05	< 0.005	—	550
Unrefrigerated Warehouse-No Rail	0.17	0.08	1.54	1.30	0.01	0.12	—	0.12	0.12	—	0.12	—	1,840	1,840	0.16	< 0.005	—	1,845
Manufacturing	0.44	0.22	4.02	3.38	0.02	0.31	—	0.31	0.31	—	0.31	—	4,796	4,796	0.42	0.01	—	4,810
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.44	8.44	< 0.005	< 0.005	—	8.47
Total	0.66	0.33	6.03	5.06	0.04	0.46	—	0.46	0.46	—	0.46	—	7,193	7,193	0.64	0.01	—	7,213

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.05	0.03	0.46	0.39	< 0.005	0.03	—	0.03	0.03	—	0.03	—	549	549	0.05	< 0.005	—	550
Unrefrigerated Warehouse-No Rail	0.17	0.08	1.54	1.30	0.01	0.12	—	0.12	0.12	—	0.12	—	1,840	1,840	0.16	< 0.005	—	1,845
Manufacturing	0.44	0.22	4.02	3.38	0.02	0.31	—	0.31	0.31	—	0.31	—	4,796	4,796	0.42	0.01	—	4,810
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.44	8.44	< 0.005	< 0.005	—	8.47
Total	0.66	0.33	6.03	5.06	0.04	0.46	—	0.46	0.46	—	0.46	—	7,193	7,193	0.64	0.01	—	7,213
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	90.9	90.9	0.01	< 0.005	—	91.1
Unrefrigerated Warehouse-No Rail	0.03	0.02	0.28	0.24	< 0.005	0.02	—	0.02	0.02	—	0.02	—	305	305	0.03	< 0.005	—	305
Manufacturing	0.08	0.04	0.73	0.62	< 0.005	0.06	—	0.06	0.06	—	0.06	—	794	794	0.07	< 0.005	—	796
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.40	1.40	< 0.005	< 0.005	—	1.40
Total	0.12	0.06	1.10	0.92	0.01	0.08	—	0.08	0.08	—	0.08	—	1,191	1,191	0.11	< 0.005	—	1,194

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	15.5	15.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.08	1.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	8.19	7.56	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Total	24.8	24.2	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	15.5	15.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.08	1.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	16.6	16.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.84	2.84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coating	0.20	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.02	0.94	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5
Total	4.06	3.98	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	15.5	15.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.08	1.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	8.19	7.56	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Total	24.8	24.2	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	15.5	15.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	1.08	1.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	16.6	16.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.84	2.84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.20	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.02	0.94	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5
Total	4.06	3.98	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Manufac	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684
Unenclo sed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684

Unenclosed	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	79.2	269	348	8.14	0.20	—	610
Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	79.2	269	348	8.14	0.20	—	610

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684

Unenclo Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684

Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	478	1,624	2,102	49.2	1.18	—	3,684
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	79.2	269	348	8.14	0.20	—	610
Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unenclo Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	79.2	269	348	8.14	0.20	—	610

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	32.3	0.00	32.3	3.23	0.00	—	113
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	153	0.00	153	15.3	0.00	—	535

Manufac	—	—	—	—	—	—	—	—	—	—	—	235	0.00	235	23.5	0.00	—	822
Unenclo sed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.77
Total	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	32.3	0.00	32.3	3.23	0.00	—	113
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	153	0.00	153	15.3	0.00	—	535
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	235	0.00	235	23.5	0.00	—	822

Unenclosed	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.77
Total	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	5.35	0.00	5.35	0.53	0.00	—	18.7
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	25.3	0.00	25.3	2.53	0.00	—	88.6
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	38.9	0.00	38.9	3.89	0.00	—	136
Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.08	0.00	0.08	0.01	0.00	—	0.29
Total	—	—	—	—	—	—	—	—	—	—	—	69.7	0.00	69.7	6.96	0.00	—	244

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	32.3	0.00	32.3	3.23	0.00	—	113
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	153	0.00	153	15.3	0.00	—	535
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	235	0.00	235	23.5	0.00	—	822

Unenclo Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.77
Total	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	32.3	0.00	32.3	3.23	0.00	—	113
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	153	0.00	153	15.3	0.00	—	535
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	235	0.00	235	23.5	0.00	—	822

Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.77
Total	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	5.35	0.00	5.35	0.53	0.00	—	18.7
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	25.3	0.00	25.3	2.53	0.00	—	88.6
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	38.9	0.00	38.9	3.89	0.00	—	136
Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unenclo Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.08	0.00	0.08	0.01	0.00	—	0.29
Total	—	—	—	—	—	—	—	—	—	—	—	69.7	0.00	69.7	6.96	0.00	—	244

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.16	0.16
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.5	91.5

Refrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.16	0.16
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.5	91.5
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2

4.6.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.16	0.16
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.5	91.5
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.16	0.16
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.5	91.5
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2

Refrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.7.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
----------------	-----	-----	-----	----	-----	-------	-------	-------	--------	--------	--------	------	-------	------	-----	-----	---	------

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

Equipm ent 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)

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

4.9.2. Mitigated

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

Equipm ent 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)

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	1,930	1,930	0.00	603,814	28,144	28,144	0.00	8,804,974
Unrefrigerated Warehouse-No Rail	1,313	0.00	0.00	342,318	49,081	0.00	0.00	12,796,092
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	1,862	1,862	0.00	582,565	27,153	27,153	0.00	8,495,113
Unrefrigerated Warehouse-No Rail	1,313	0.00	0.00	342,318	49,081	0.00	0.00	12,796,092

Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,190,486	395,657	56,033

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	250
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5.10.4. Landscape Equipment - Mitigated

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	1,125,664	346	0.0330	0.0040	1,769,909
Unrefrigerated Warehouse-No Rail	20,305,614	346	0.0330	0.0040	4,557,886
Manufacturing	11,853,707	346	0.0330	0.0040	15,078,800
Unenclosed Parking Structure	333,837	346	0.0330	0.0040	0.00
Unenclosed Parking with Elevator	587,395	346	0.0330	0.0040	0.00
User Defined Industrial	783,000	346	0.0330	0.0040	0.00
Parking Lot	597,108	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	21,895	346	0.0330	0.0040	26,344
Unrefrigerated Warehouse-No Rail	287,330	346	0.0330	0.0040	1,182,654

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBtu/yr)
General Office Building	1,088,638	346	0.0330	0.0040	1,712,275
Unrefrigerated Warehouse-No Rail	19,874,448	346	0.0330	0.0040	4,557,475
Manufacturing	11,421,759	346	0.0330	0.0040	14,965,937
Unenclosed Parking Structure	333,837	346	0.0330	0.0040	0.00
Unenclosed Parking with Elevator	587,395	346	0.0330	0.0040	0.00
User Defined Industrial	783,000	346	0.0330	0.0040	0.00
Parking Lot	597,108	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	21,888	346	0.0330	0.0040	26,344
Unrefrigerated Warehouse-No Rail	287,330	346	0.0330	0.0040	1,182,654

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00
Manufacturing	249,502,996	2,585,917
Unenclosed Parking Structure	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00
Manufacturing	249,502,996	2,585,917
Unenclosed Parking Structure	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	60.0	—
Unrefrigerated Warehouse-No Rail	225	—
Manufacturing	436	—
Unenclosed Parking Structure	0.00	—
Unenclosed Parking with Elevator	0.00	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
Refrigerated Warehouse-No Rail	0.94	—
Unrefrigerated Warehouse-No Rail	58.5	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	60.0	—
Unrefrigerated Warehouse-No Rail	225	—
Manufacturing	436	—
Unenclosed Parking Structure	0.00	—
Unenclosed Parking with Elevator	0.00	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
Refrigerated Warehouse-No Rail	0.94	—
Unrefrigerated Warehouse-No Rail	58.5	—

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
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	2.00	544	0.50	0.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
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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
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	2.00	544	0.50	0.50	25.0

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
Forklifts	Electric	Average	35.0	12.0	82.0	0.20
Aerial Lifts	Electric	Average	2.00	12.0	46.0	0.31
Sweepers/Scrubbers	Electric	Average	5.00	12.0	36.0	0.46
Tractors/Loaders/Backhoes	Electric	Average	1.00	12.0	84.0	0.37
Other Material Handling Equipment	Electric	Average	115	12.0	93.0	0.10

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Forklifts	Electric	Average	35.0	12.0	82.0	0.20
Aerial Lifts	Electric	Average	2.00	12.0	46.0	0.31
Sweepers/Scrubbers	Electric	Average	5.00	12.0	36.0	0.46
Tractors/Loaders/Backhoes	Electric	Average	1.00	12.0	84.0	0.37
Other Material Handling Equipment	Electric	Average	115	12.0	93.0	0.10

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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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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8. User Changes to Default Data

Screen	Justification
Characteristics: Utility Information	Project is located in Rancho Cucamonga and is served by RCMU.
Land Use	Lot acreage updated to reflect building footprints as shown in in the 9-18-23 site plan; existing 2-story building and 7th Street-warehouse included in the run. UDI = CVWD well.
Construction: Construction Phases	Schedule adjusted based on information from Kimley Horn and further refined to meet 24 month construction timeframe. "Main Facility" phases consist of primary facility and site development. "Well Development" phases consist of well drilling and infrastructure installation on SE corner of site for CVWD.
Construction: Off-Road Equipment	"Main Facility" equipment assumptions follow CalEEMod defaults; "Well Development" follows construction list from NRRPD document. Off-highway trucks added for dust control purposes.
Construction: Trips and VMT	Worker and vendor trips updated to reflect differing needs for well drilling; from NRRPD.
Construction: Architectural Coatings	Reflects compliance with SCAQMD Rule 1113.
Operations: Vehicle Data	Trip generation updated based on values in TIA from F&P (11.13.2024). Truck distance updated consistent with values for 2- 3- and 4-axle trucks in WAIRE Rulemaking.
Operations: Fleet Mix	Updated per F&P TIA (11.13.2023). Passenger vehicles would be a blend of LDA, LDT, MCY, and MDV. Truck breakdown consistent with F&P.
Operations: Architectural Coatings	Updated to reflect compliance with SCAQMD Rule 1113.

Operations: Energy Use	UDI manually overrode to reflect annual electricity needed to extract water from ground well. Electricity for Unrefrigerated Warehouse (DC and AS/RS) and Manufacturing (PC) manually overrode to reflect annual electricity consumption based on data received from RCCB in 2024 and solar photovoltaic generation.
Operations: Water and Waste Water	Indoor and outdoor water consumption from WSA P1B (Dudek 2023).
Operations: Refrigerants	Production packing units will use HFO refrigerant in 3 self-contained units; 400 lbs of refrigerant per each compressor unit. Refrigerant used is R514A. The HFO chillers are low refrigerant pressure systems with a leak rate of less than 0.5%.
Operations: Off-Road Equipment	Addresses the on-site equipment used for the facility; see EIR chapter for details. Floor scrubbers and yard sweeper modeled as sweeper/scrubbers. Yard Tractor modeled as TLB. Assumes equipment in operation 6 days per week, consistent with employee schedule. Other material handling equipment load factor set to 0.1 to model equipment of 10hp or less such as walkie jacks and rider jacks.
Operations: Boilers EF	No changes to default data.

Rancho Cucamonga - El Camino (Phase 2 Operations - PV and Cogen) Custom Report

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5.18.2.1. Unmitigated

5.18.2.2. Mitigated

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Rancho Cucamonga - El Camino (Phase 2 Operations - PV and Cogen)
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.80
Precipitation (days)	20.8
Location	10670 6th St, Rancho Cucamonga, CA 91730, USA
County	San Bernardino-South Coast
City	Rancho Cucamonga
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5279
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	64.5	1000sqft	0.82	64,501	0.00	—	—	Admin Space for AS/RS

Unrefrigerated Warehouse-No Rail	240	1000sqft	4.66	239,754	0.00	—	—	DC and AS/RS
Manufacturing	352	1000sqft	4.78	351,601	0.00	—	—	PC
Unenclosed Parking Structure	127	1000sqft	1.49	127,031	0.00	—	—	Truck Deck
Unenclosed Parking with Elevator	208	1000sqft	1.20	208,444	0.00	—	—	Parking Garage for Cars
User Defined Industrial	3.80	User Defined Unit	0.09	3,800	0.00	—	—	CVWD Well
Parking Lot	15.6	Acre	15.6	0.00	129,500	—	—	Remaining Surface-level Parking Area with Landscaping
Other Asphalt Surfaces	3.10	Acre	3.10	0.00	0.00	—	—	Off-site 6th Street and Haven Improvements
Refrigerated Warehouse-No Rail	1.00	1000sqft	0.00	1,000	0.00	—	—	Refrigerated Portion of Warehouse
Unrefrigerated Warehouse-No Rail	62.2	1000sqft	1.43	62,210	0.00	—	—	7th Street Warehouse

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Transportation	T-5	Implement Commute Trip Reduction Program (Voluntary)
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Energy	E-1	Buildings Exceed 2019 Title 24 Building Envelope Energy Efficiency Standards
Energy	E-2	Require Energy Efficient Appliances

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

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.	49.7	34.1	175	228	1.61	3.14	64.6	67.8	3.00	17.1	20.1	955	203,917	204,871	114	26.4	473	216,068
Mit.	49.4	33.9	174	225	1.60	3.13	64.0	67.1	3.00	16.9	19.9	955	202,817	203,772	114	26.4	471	214,958
% Reduced	1%	1%	< 0.5%	1%	< 0.5%	< 0.5%	1%	1%	< 0.5%	1%	1%	—	1%	1%	< 0.5%	< 0.5%	< 0.5%	1%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	41.1	26.1	182	166	1.59	3.06	64.6	67.7	2.94	17.1	20.0	955	202,199	203,154	114	26.5	102	213,991
Mit.	40.8	25.9	182	164	1.58	3.05	64.0	67.0	2.94	16.9	19.9	955	201,155	202,109	114	26.4	102	212,938
% Reduced	1%	1%	< 0.5%	2%	< 0.5%	< 0.5%	1%	1%	< 0.5%	1%	1%	—	1%	1%	< 0.5%	< 0.5%	< 0.5%	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	41.0	29.6	134	164	1.17	2.38	48.4	50.8	2.29	12.8	15.1	955	155,038	155,992	110	19.4	213	164,738
Mit.	40.7	29.4	134	162	1.17	2.38	47.8	50.2	2.28	12.6	14.9	955	154,077	155,031	110	19.4	212	163,770
% Reduced	1%	1%	< 0.5%	1%	< 0.5%	< 0.5%	1%	1%	< 0.5%	1%	1%	—	1%	1%	< 0.5%	< 0.5%	< 0.5%	1%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.47	5.41	24.4	29.9	0.21	0.43	8.84	9.27	0.42	2.33	2.75	158	25,668	25,826	18.2	3.22	35.2	27,274
Mit.	7.43	5.37	24.4	29.5	0.21	0.43	8.73	9.16	0.42	2.31	2.72	158	25,509	25,667	18.2	3.21	35.1	27,114
% Reduced	1%	1%	< 0.5%	1%	< 0.5%	< 0.5%	1%	1%	< 0.5%	1%	1%	—	1%	1%	< 0.5%	< 0.5%	< 0.5%	1%

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	24.2	9.59	168	177	1.57	2.59	64.6	67.2	2.48	17.1	19.6	—	174,059	174,059	14.3	24.9	381	182,205
Area	24.8	24.2	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Energy	0.67	0.33	6.07	5.10	0.04	0.46	—	0.46	0.46	—	0.46	—	27,857	27,857	2.61	0.25	—	27,997
Water	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112
Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	49.7	34.1	175	228	1.61	3.14	64.6	67.8	3.00	17.1	20.1	955	203,917	204,871	114	26.4	473	216,068
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	23.8	9.15	176	161	1.55	2.60	64.6	67.2	2.48	17.1	19.6	—	172,531	172,531	14.3	24.9	9.88	180,318
Area	16.6	16.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.67	0.33	6.07	5.10	0.04	0.46	—	0.46	0.46	—	0.46	—	27,857	27,857	2.61	0.25	—	27,997
Water	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112
Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	41.1	26.1	182	166	1.59	3.06	64.6	67.7	2.94	17.1	20.0	955	202,199	203,154	114	26.5	102	213,991
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	18.1	7.49	128	127	1.14	1.86	48.4	50.3	1.78	12.8	14.6	—	126,027	126,027	10.3	17.9	121	131,728

Area	22.2	21.8	0.27	31.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	130	130	0.01	< 0.005	—	130
Energy	0.67	0.33	6.07	5.10	0.04	0.46	—	0.46	0.46	—	0.46	—	27,069	27,069	2.53	0.24	—	27,205
Water	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112
Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	41.0	29.6	134	164	1.17	2.38	48.4	50.8	2.29	12.8	15.1	955	155,038	155,992	110	19.4	213	164,738
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.29	1.37	23.3	23.3	0.21	0.34	8.84	9.18	0.33	2.33	2.66	—	20,865	20,865	1.71	2.96	20.0	21,809
Area	4.06	3.98	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5
Energy	0.12	0.06	1.11	0.93	0.01	0.08	—	0.08	0.08	—	0.08	—	4,482	4,482	0.42	0.04	—	4,504
Water	—	—	—	—	—	—	—	—	—	—	—	88.4	300	388	9.09	0.22	—	681
Waste	—	—	—	—	—	—	—	—	—	—	—	69.7	0.00	69.7	6.96	0.00	—	244
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	7.47	5.41	24.4	29.9	0.21	0.43	8.84	9.27	0.42	2.33	2.75	158	25,668	25,826	18.2	3.22	35.2	27,274

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	24.0	9.34	168	174	1.56	2.59	64.0	66.5	2.48	16.9	19.4	—	173,364	173,364	14.3	24.8	379	181,503
Area	24.8	24.2	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Energy	0.66	0.33	6.03	5.06	0.04	0.46	—	0.46	0.46	—	0.46	—	27,452	27,452	2.57	0.25	—	27,590
Water	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112

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Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	49.4	33.9	174	225	1.60	3.13	64.0	67.1	3.00	16.9	19.9	955	202,817	203,772	114	26.4	471	214,958
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	23.5	8.91	176	159	1.55	2.59	64.0	66.6	2.48	16.9	19.4	—	171,891	171,891	14.3	24.9	9.83	179,673
Area	16.6	16.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.66	0.33	6.03	5.06	0.04	0.46	—	0.46	0.46	—	0.46	—	27,452	27,452	2.57	0.25	—	27,590
Water	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112
Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	40.8	25.9	182	164	1.58	3.05	64.0	67.0	2.94	16.9	19.9	955	201,155	202,109	114	26.4	102	212,938
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	17.8	7.29	127	125	1.13	1.86	47.8	49.7	1.78	12.6	14.4	—	125,472	125,472	10.3	17.8	120	131,167
Area	22.2	21.8	0.27	31.5	< 0.005	0.06	—	0.06	0.04	—	0.04	—	130	130	0.01	< 0.005	—	130
Energy	0.66	0.33	6.03	5.06	0.04	0.46	—	0.46	0.46	—	0.46	—	26,664	26,664	2.49	0.24	—	26,797
Water	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112
Waste	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	40.7	29.4	134	162	1.17	2.38	47.8	50.2	2.28	12.6	14.9	955	154,077	155,031	110	19.4	212	163,770
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.25	1.33	23.3	22.8	0.21	0.34	8.73	9.07	0.32	2.31	2.63	—	20,773	20,773	1.71	2.95	19.9	21,716
Area	4.06	3.98	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5

Energy	0.12	0.06	1.10	0.92	0.01	0.08	—	0.08	0.08	—	0.08	—	4,414	4,414	0.41	0.04	—	4,437
Water	—	—	—	—	—	—	—	—	—	—	—	88.4	300	388	9.09	0.22	—	681
Waste	—	—	—	—	—	—	—	—	—	—	—	69.7	0.00	69.7	6.96	0.00	—	244
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2
Off-Road	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	7.43	5.37	24.4	29.5	0.21	0.43	8.73	9.16	0.42	2.31	2.72	158	25,509	25,667	18.2	3.21	35.1	27,114

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	7.81	7.14	4.05	86.6	0.20	0.08	19.6	19.7	0.07	4.95	5.03	—	19,736	19,736	0.62	0.44	58.4	19,940
Unrefrigerated Warehouse-No Rail	16.4	2.45	164	90.4	1.37	2.51	45.0	47.5	2.40	12.2	14.6	—	154,323	154,323	13.7	24.4	323	162,264
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unenclosed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	24.2	9.59	168	177	1.57	2.59	64.6	67.2	2.48	17.1	19.6	—	174,059	174,059	14.3	24.9	381	182,205
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	7.46	6.79	4.51	70.2	0.18	0.08	19.6	19.7	0.07	4.95	5.03	—	18,174	18,174	0.64	0.47	1.51	18,332
Unrefrigerated Warehouse-No Rail	16.3	2.36	171	90.8	1.37	2.52	45.0	47.5	2.41	12.2	14.6	—	154,356	154,356	13.7	24.4	8.37	161,985
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed 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	0.00	0.00	0.00	0.00	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	23.8	9.15	176	161	1.55	2.60	64.6	67.2	2.48	17.1	19.6	—	172,531	172,531	14.3	24.9	9.88	180,318
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	1.16	1.05	0.72	11.4	0.03	0.01	3.03	3.04	0.01	0.76	0.78	—	2,614	2,614	0.09	0.07	3.58	2,640
Unrefrigerated Warehouse-No Rail	2.14	0.31	22.6	11.8	0.18	0.33	5.81	6.14	0.31	1.57	1.88	—	18,252	18,252	1.62	2.89	16.5	19,169
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed 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	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.29	1.37	23.3	23.3	0.21	0.34	8.84	9.18	0.33	2.33	2.66	—	20,865	20,865	1.71	2.96	20.0	21,809

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	7.53	6.89	3.91	83.6	0.19	0.08	18.9	19.0	0.07	4.78	4.85	—	19,041	19,041	0.60	0.42	56.3	19,238
Unrefrigerated Warehouse-No Rail	16.4	2.45	164	90.4	1.37	2.51	45.0	47.5	2.40	12.2	14.6	—	154,323	154,323	13.7	24.4	323	162,264
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unenclosed 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	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	24.0	9.34	168	174	1.56	2.59	64.0	66.5	2.48	16.9	19.4	—	173,364	173,364	14.3	24.8	379	181,503
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	7.20	6.55	4.35	67.8	0.17	0.08	18.9	19.0	0.07	4.78	4.85	—	17,535	17,535	0.62	0.45	1.46	17,687
Unrefrigerated Warehouse-No Rail	16.3	2.36	171	90.8	1.37	2.52	45.0	47.5	2.41	12.2	14.6	—	154,356	154,356	13.7	24.4	8.37	161,985
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unenclosed 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	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	23.5	8.91	176	159	1.55	2.59	64.0	66.6	2.48	16.9	19.4	—	171,891	171,891	14.3	24.9	9.83	179,673
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	1.12	1.02	0.70	11.0	0.03	0.01	2.92	2.93	0.01	0.74	0.75	—	2,522	2,522	0.09	0.07	3.45	2,547
Unrefrigerated Warehouse-No Rail	2.14	0.31	22.6	11.8	0.18	0.33	5.81	6.14	0.31	1.57	1.88	—	18,252	18,252	1.62	2.89	16.5	19,169
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Unenclosed 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	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.25	1.33	23.3	22.8	0.21	0.34	8.73	9.07	0.32	2.31	2.63	—	20,773	20,773	1.71	2.95	19.9	21,716

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,068	1,068	0.10	0.01	—	1,074
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	7,554	7,554	0.72	0.09	—	7,598

Manufac	—	—	—	—	—	—	—	—	—	—	—	—	4,251	4,251	0.41	0.05	—	4,276
Unenclo sed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	317	317	0.03	< 0.005	—	318
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	557	557	0.05	0.01	—	560
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	743	743	0.07	0.01	—	747
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	566	566	0.05	0.01	—	570
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	20.8	20.8	< 0.005	< 0.005	—	20.9
undefine d	—	—	—	—	—	—	—	—	—	—	—	—	5,533	5,533	0.53	0.06	—	5,565
Total	—	—	—	—	—	—	—	—	—	—	—	—	20,609	20,609	1.96	0.24	—	20,729
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,068	1,068	0.10	0.01	—	1,074
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	7,554	7,554	0.72	0.09	—	7,598

Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	4,251	4,251	0.41	0.05	—	4,276
Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	317	317	0.03	< 0.005	—	318
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	557	557	0.05	0.01	—	560
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	743	743	0.07	0.01	—	747
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	566	566	0.05	0.01	—	570
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	20.8	20.8	< 0.005	< 0.005	—	20.9
undefined	—	—	—	—	—	—	—	—	—	—	—	—	5,533	5,533	0.53	0.06	—	5,565
Total	—	—	—	—	—	—	—	—	—	—	—	—	20,609	20,609	1.96	0.24	—	20,729
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	177	177	0.02	< 0.005	—	178
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,251	1,251	0.12	0.01	—	1,258
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	704	704	0.07	0.01	—	708

Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	52.4	52.4	< 0.005	< 0.005	—	52.7
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	92.2	92.2	0.01	< 0.005	—	92.8
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	123	123	0.01	< 0.005	—	124
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	93.8	93.8	0.01	< 0.005	—	94.3
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	3.44	3.44	< 0.005	< 0.005	—	3.46
undefined	—	—	—	—	—	—	—	—	—	—	—	—	785	785	0.07	0.01	—	790
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,282	3,282	0.31	0.04	—	3,301

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,033	1,033	0.10	0.01	—	1,039

Unrefrig erated	—	—	—	—	—	—	—	—	—	—	—	—	7,394	7,394	0.70	0.09	—	7,437
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	—	4,096	4,096	0.39	0.05	—	4,120
Unenclo sed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	317	317	0.03	< 0.005	—	318
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	557	557	0.05	0.01	—	560
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	743	743	0.07	0.01	—	747
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	566	566	0.05	0.01	—	570
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	20.8	20.8	< 0.005	< 0.005	—	20.9
undefine d	—	—	—	—	—	—	—	—	—	—	—	—	5,533	5,533	0.53	0.06	—	5,565
Total	—	—	—	—	—	—	—	—	—	—	—	—	20,259	20,259	1.93	0.23	—	20,377
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	1,033	1,033	0.10	0.01	—	1,039

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	—	7,394	7,394	0.70	0.09	—	7,437
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	4,096	4,096	0.39	0.05	—	4,120
Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	317	317	0.03	< 0.005	—	318
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	557	557	0.05	0.01	—	560
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	743	743	0.07	0.01	—	747
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	566	566	0.05	0.01	—	570
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	20.8	20.8	< 0.005	< 0.005	—	20.9
undefined	—	—	—	—	—	—	—	—	—	—	—	—	5,533	5,533	0.53	0.06	—	5,565
Total	—	—	—	—	—	—	—	—	—	—	—	—	20,259	20,259	1.93	0.23	—	20,377
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	171	171	0.02	< 0.005	—	172

Unrefrig erated Wareho use-No	—	—	—	—	—	—	—	—	—	—	—	—	1,224	1,224	0.12	0.01	—	1,231
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	—	678	678	0.06	0.01	—	682
Unenclo sed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	—	52.4	52.4	< 0.005	< 0.005	—	52.7
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	92.2	92.2	0.01	< 0.005	—	92.8
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	123	123	0.01	< 0.005	—	124
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	93.8	93.8	0.01	< 0.005	—	94.3
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	3.44	3.44	< 0.005	< 0.005	—	3.46
undefine d	—	—	—	—	—	—	—	—	—	—	—	—	785	785	0.07	0.01	—	790
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,224	3,224	0.31	0.04	—	3,242

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.05	0.03	0.48	0.40	< 0.005	0.04	—	0.04	0.04	—	0.04	—	567	567	0.05	< 0.005	—	569
Unrefrigerated Warehouse-No Rail	0.17	0.08	1.54	1.30	0.01	0.12	—	0.12	0.12	—	0.12	—	1,840	1,840	0.16	< 0.005	—	1,845
Manufacturing	0.45	0.22	4.05	3.40	0.02	0.31	—	0.31	0.31	—	0.31	—	4,833	4,833	0.43	0.01	—	4,846
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.44	8.44	< 0.005	< 0.005	—	8.47
Total	0.67	0.33	6.07	5.10	0.04	0.46	—	0.46	0.46	—	0.46	—	7,248	7,248	0.64	0.01	—	7,268

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.05	0.03	0.48	0.40	< 0.005	0.04	—	0.04	0.04	—	0.04	—	567	567	0.05	< 0.005	—	569
Unrefrigerated Warehouse-No Rail	0.17	0.08	1.54	1.30	0.01	0.12	—	0.12	0.12	—	0.12	—	1,840	1,840	0.16	< 0.005	—	1,845
Manufacturing	0.45	0.22	4.05	3.40	0.02	0.31	—	0.31	0.31	—	0.31	—	4,833	4,833	0.43	0.01	—	4,846
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.44	8.44	< 0.005	< 0.005	—	8.47
Total	0.67	0.33	6.07	5.10	0.04	0.46	—	0.46	0.46	—	0.46	—	7,248	7,248	0.64	0.01	—	7,268
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.01	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	93.9	93.9	0.01	< 0.005	—	94.2
Unrefrigerated Warehouse-No Rail	0.03	0.02	0.28	0.24	< 0.005	0.02	—	0.02	0.02	—	0.02	—	305	305	0.03	< 0.005	—	305
Manufacturing	0.08	0.04	0.74	0.62	< 0.005	0.06	—	0.06	0.06	—	0.06	—	800	800	0.07	< 0.005	—	802
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.40	1.40	< 0.005	< 0.005	—	1.40
Total	0.12	0.06	1.11	0.93	0.01	0.08	—	0.08	0.08	—	0.08	—	1,200	1,200	0.11	< 0.005	—	1,203

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.05	0.03	0.46	0.39	< 0.005	0.03	—	0.03	0.03	—	0.03	—	549	549	0.05	< 0.005	—	550
Unrefrigerated Warehouse-No Rail	0.17	0.08	1.54	1.30	0.01	0.12	—	0.12	0.12	—	0.12	—	1,840	1,840	0.16	< 0.005	—	1,845
Manufacturing	0.44	0.22	4.02	3.38	0.02	0.31	—	0.31	0.31	—	0.31	—	4,796	4,796	0.42	0.01	—	4,810
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.44	8.44	< 0.005	< 0.005	—	8.47
Total	0.66	0.33	6.03	5.06	0.04	0.46	—	0.46	0.46	—	0.46	—	7,193	7,193	0.64	0.01	—	7,213

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.05	0.03	0.46	0.39	< 0.005	0.03	—	0.03	0.03	—	0.03	—	549	549	0.05	< 0.005	—	550
Unrefrigerated Warehouse-No Rail	0.17	0.08	1.54	1.30	0.01	0.12	—	0.12	0.12	—	0.12	—	1,840	1,840	0.16	< 0.005	—	1,845
Manufacturing	0.44	0.22	4.02	3.38	0.02	0.31	—	0.31	0.31	—	0.31	—	4,796	4,796	0.42	0.01	—	4,810
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.44	8.44	< 0.005	< 0.005	—	8.47
Total	0.66	0.33	6.03	5.06	0.04	0.46	—	0.46	0.46	—	0.46	—	7,193	7,193	0.64	0.01	—	7,213
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	90.9	90.9	0.01	< 0.005	—	91.1
Unrefrigerated Warehouse-No Rail	0.03	0.02	0.28	0.24	< 0.005	0.02	—	0.02	0.02	—	0.02	—	305	305	0.03	< 0.005	—	305
Manufacturing	0.08	0.04	0.73	0.62	< 0.005	0.06	—	0.06	0.06	—	0.06	—	794	794	0.07	< 0.005	—	796
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Unenclosed 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	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.40	1.40	< 0.005	< 0.005	—	1.40
Total	0.12	0.06	1.10	0.92	0.01	0.08	—	0.08	0.08	—	0.08	—	1,191	1,191	0.11	< 0.005	—	1,194

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	15.5	15.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.08	1.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	8.19	7.56	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Total	24.8	24.2	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	15.5	15.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.08	1.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	16.6	16.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.84	2.84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coating	0.20	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.02	0.94	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5
Total	4.06	3.98	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	15.5	15.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.08	1.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	8.19	7.56	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Total	24.8	24.2	0.39	46.0	< 0.005	0.08	—	0.08	0.06	—	0.06	—	189	189	0.01	< 0.005	—	190
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	15.5	15.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	1.08	1.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	16.6	16.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.84	2.84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.20	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.02	0.94	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5
Total	4.06	3.98	0.05	5.75	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.5	21.5	< 0.005	< 0.005	—	21.5

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Manufac	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112
Unenclo sed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112

Unenclosed	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	88.4	300	388	9.09	0.22	—	681
Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	88.4	300	388	9.09	0.22	—	681

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112

Unenclo Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112

Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	534	1,812	2,345	54.9	1.32	—	4,112
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	88.4	300	388	9.09	0.22	—	681
Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unenclo Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	88.4	300	388	9.09	0.22	—	681

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	32.3	0.00	32.3	3.23	0.00	—	113
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	153	0.00	153	15.3	0.00	—	535

Manufac	—	—	—	—	—	—	—	—	—	—	—	235	0.00	235	23.5	0.00	—	822
Unenclo sed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.77
Total	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	32.3	0.00	32.3	3.23	0.00	—	113
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	153	0.00	153	15.3	0.00	—	535
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	235	0.00	235	23.5	0.00	—	822

Unenclosed	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.77
Total	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	5.35	0.00	5.35	0.53	0.00	—	18.7
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	25.3	0.00	25.3	2.53	0.00	—	88.6
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	38.9	0.00	38.9	3.89	0.00	—	136
Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.08	0.00	0.08	0.01	0.00	—	0.29
Total	—	—	—	—	—	—	—	—	—	—	—	69.7	0.00	69.7	6.96	0.00	—	244

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	32.3	0.00	32.3	3.23	0.00	—	113
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	153	0.00	153	15.3	0.00	—	535
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	235	0.00	235	23.5	0.00	—	822

Unenclo Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclo sed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.77
Total	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	32.3	0.00	32.3	3.23	0.00	—	113
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	153	0.00	153	15.3	0.00	—	535
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	235	0.00	235	23.5	0.00	—	822

Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.51	0.00	0.51	0.05	0.00	—	1.77
Total	—	—	—	—	—	—	—	—	—	—	—	421	0.00	421	42.1	0.00	—	1,472
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	5.35	0.00	5.35	0.53	0.00	—	18.7
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	25.3	0.00	25.3	2.53	0.00	—	88.6
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	38.9	0.00	38.9	3.89	0.00	—	136
Unenclosed Parking Structure	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Unenclo Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refriger ated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.08	0.00	0.08	0.01	0.00	—	0.29
Total	—	—	—	—	—	—	—	—	—	—	—	69.7	0.00	69.7	6.96	0.00	—	244

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.16	0.16
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.5	91.5

Refrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.16	0.16
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.5	91.5
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2

4.6.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.16	0.16
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.5	91.5
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.16	0.16
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.5	91.5
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91.7	91.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2

Refrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.2	15.2

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.7.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Forklifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

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

4.9.2. Mitigated

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

Equipm ent 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)

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	1,930	1,930	0.00	603,814	28,144	28,144	0.00	8,804,974
Unrefrigerated Warehouse-No Rail	1,313	0.00	0.00	342,318	49,081	0.00	0.00	12,796,092
Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	1,862	1,862	0.00	582,565	27,153	27,153	0.00	8,495,113
Unrefrigerated Warehouse-No Rail	1,313	0.00	0.00	342,318	49,081	0.00	0.00	12,796,092

Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking Structure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	1,190,486	395,657	56,033

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	250
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5.10.4. Landscape Equipment - Mitigated

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	1,125,664	346	0.0330	0.0040	1,769,909
Unrefrigerated Warehouse-No Rail	7,677,478	346	0.0330	0.0040	4,557,886
Manufacturing	4,481,843	346	0.0330	0.0040	15,078,800
Unenclosed Parking Structure	333,837	346	0.0330	0.0040	0.00
Unenclosed Parking with Elevator	587,395	346	0.0330	0.0040	0.00
User Defined Industrial	783,000	346	0.0330	0.0040	0.00
Parking Lot	597,108	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	21,895	346	0.0330	0.0040	26,344
Unrefrigerated Warehouse-No Rail	287,330	346	0.0330	0.0040	1,182,654

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBtu/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBtu/yr)
General Office Building	1,088,638	346	0.0330	0.0040	1,712,275
Unrefrigerated Warehouse-No Rail	7,514,455	346	0.0330	0.0040	4,557,475
Manufacturing	4,318,525	346	0.0330	0.0040	14,965,937
Unenclosed Parking Structure	333,837	346	0.0330	0.0040	0.00
Unenclosed Parking with Elevator	587,395	346	0.0330	0.0040	0.00
User Defined Industrial	783,000	346	0.0330	0.0040	0.00
Parking Lot	597,108	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	21,895	346	0.0330	0.0040	26,344
Unrefrigerated Warehouse-No Rail	281,228	346	0.0330	0.0040	1,182,548

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00
Manufacturing	278,563,015	2,585,917
Unenclosed Parking Structure	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00
Manufacturing	278,563,015	2,585,917
Unenclosed Parking Structure	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
Refrigerated Warehouse-No Rail	0.00	0.00
Unrefrigerated Warehouse-No Rail	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	60.0	—
Unrefrigerated Warehouse-No Rail	225	—
Manufacturing	436	—
Unenclosed Parking Structure	0.00	—
Unenclosed Parking with Elevator	0.00	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
Refrigerated Warehouse-No Rail	0.94	—
Unrefrigerated Warehouse-No Rail	58.5	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	60.0	—
Unrefrigerated Warehouse-No Rail	225	—
Manufacturing	436	—
Unenclosed Parking Structure	0.00	—
Unenclosed Parking with Elevator	0.00	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
Refrigerated Warehouse-No Rail	0.94	—
Unrefrigerated Warehouse-No Rail	58.5	—

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
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	2.00	544	0.50	0.50	25.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
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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
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
Refrigerated Warehouse-No Rail	Cold storage	User Defined	2.00	544	0.50	0.50	25.0

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
Forklifts	Electric	Average	35.0	12.0	82.0	0.20
Aerial Lifts	Electric	Average	2.00	12.0	46.0	0.31
Sweepers/Scrubbers	Electric	Average	5.00	12.0	36.0	0.46
Tractors/Loaders/Backhoes	Electric	Average	1.00	12.0	84.0	0.37
Other Material Handling Equipment	Electric	Average	115	12.0	93.0	0.10

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Forklifts	Electric	Average	35.0	12.0	82.0	0.20
Aerial Lifts	Electric	Average	2.00	12.0	46.0	0.31
Sweepers/Scrubbers	Electric	Average	5.00	12.0	36.0	0.46
Tractors/Loaders/Backhoes	Electric	Average	1.00	12.0	84.0	0.37
Other Material Handling Equipment	Electric	Average	115	12.0	93.0	0.10

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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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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8. User Changes to Default Data

Screen	Justification
Characteristics: Utility Information	Project is located in Rancho Cucamonga and is served by RCMU.
Land Use	Lot acreage updated to reflect building footprints as shown in in the 9-18-23 site plan; existing 2-story building and 7th Street-warehouse included in the run. UDI = CVWD well.
Construction: Construction Phases	Schedule adjusted based on information from Kimley Horn and further refined to meet 24 month construction timeframe. "Main Facility" phases consist of primary facility and site development. "Well Development" phases consist of well drilling and infrastructure installation on SE corner of site for CVWD.
Construction: Off-Road Equipment	"Main Facility" equipment assumptions follow CalEEMod defaults; "Well Development" follows construction list from NRRPD document. Off-highway trucks added for dust control purposes.
Construction: Trips and VMT	Worker and vendor trips updated to reflect differing needs for well drilling; from NRRPD.
Construction: Architectural Coatings	Reflects compliance with SCAQMD Rule 1113.
Operations: Vehicle Data	Trip generation updated based on values in F&P TIA 11.13.24. Truck distance updated consistent with values for 2- 3- and 4-axle trucks in WAIRE Rulemaking.
Operations: Fleet Mix	Updated per F&P TIA (11.13.2024). Passenger vehicles would be a blend of LDA, LDT, MCY, and MDV. Truck breakdown consistent with F&P.
Operations: Architectural Coatings	Updated to reflect compliance with SCAQMD Rule 1113.

Operations: Energy Use	UDI manually overrode to reflect annual electricity needed to extract water from ground well. Electricity for Unrefrigerated Warehouse (DC and AS/RS) and Manufacturing (PC) manually overrode to reflect annual electricity consumption based on data received from RCCB in 2024, solar photovoltaic generation, and cogeneration system.
Operations: Water and Waste Water	Indoor and outdoor water consumption from WSA P1B (Dudek 2023).
Operations: Refrigerants	Production packing units will use HFO refrigerant in 3 self-contained units; 400 lbs of refrigerant per each compressor unit. Refrigerant used is R514A. The HFO chillers are low refrigerant pressure systems with a leak rate of less than 0.5%.
Operations: Off-Road Equipment	Addresses the on-site equipment used for the facility; see EIR chapter for details. Floor scrubbers and yard sweeper modeled as sweeper/scrubbers. Yard Tractor modeled as TLB. Assumes equipment in operation 6 days per week, consistent with employee schedule. Other material handling equipment load factor set to 0.1 to model equipment of 10hp or less such as walkie jacks and rider jacks.
Operations: Emergency Generators and Fire Pumps	Load factor to 1 to represent full load.
Operations: Boilers EF	No changes to default data.