

800 South Fairfax Avenue Existing - Los Angeles-South Coast County, Summer

800 South Fairfax Avenue Existing
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	40.00	Dwelling Unit	1.06	32,885.00	114

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2020
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW/hr)	1227.89	CH4 Intensity (lb/MW/hr)	0.029	N2O Intensity (lb/MW/hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - City of Los Angeles ZIMAS database

Vehicle Trips - Overland Traffic Consultants Inc. CEQA Transportation Assessment; December 2019

Woodstoves - Google Earth

Table Name	Column Name	Default Value	New Value
tblFireplaces	NumberGas	34.00	0.00
tblFireplaces	NumberNoFireplace	4.00	40.00
tblFireplaces	NumberWood	2.00	0.00
tblLandUse	LandUseSquareFeet	40,000.00	32,885.00

tbLandUse	LotAcreage	2.50	1.06
tbVehicleTrips	ST_TR	7.16	7.32
tbVehicleTrips	WD_TR	6.59	7.32
tbWoodstoves	NumberCatalytic	2.00	0.00
tbWoodstoves	NumberNoncatalytic	2.00	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Area	0.8083	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.9421	5.9421	5.7900e-003	0.0000	6.0870
Energy	0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776
Mobile	0.6157	2.8947	8.4708	0.0276	2.1276	0.0275	2.1551	0.5695	0.0258	0.5952		22.801,2299	2,801.2299	0.1518		2,805.0258
Total	1.4407	3.0755	11.8425	0.0287	2.1276	0.0572	2.1849	0.5695	0.0555	0.6250	0.0000	2,989.1680	2,989.1680	0.1611	3.3400e-003	2,994.1904

Mitigated Operational

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Area	0.8083	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.9421	5.9421	5.7900e-003	0.0000	6.0870
Energy	0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776

Mobile	0.6157	2.8947	8.4708	0.0276	2.1276	0.0275	2.1551	0.5695	0.0258	0.5952	2,801.2299	2,801.2299	0.1518	2,805.0258		
Total	1.4407	3.0755	11.8425	0.0287	2.1276	0.0572	2.1849	0.5695	0.0555	0.6250	0.0000	2,989.1680	2,989.1680	0.1611	3,3400e-003	2,994.1904

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bi- CO2	NBi- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6157	2.8947	8.4708	0.0276	2.1276	0.0275	2.1551	0.5695	0.0258	0.5952	2,801,2299	2,801,2299	0.1518			2,805,0258
Unmitigated	0.6157	2.8947	8.4708	0.0276	2.1276	0.0275	2.1551	0.5695	0.0258	0.5952	2,801,2299	2,801,2299	0.1518			2,805,0258

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	292.80	292.80	242.80	976,134	976,134
Total	292.80	292.80	242.80	976,134	976,134

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
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Apartments Low Rise	0.547726	0.045433	0.201486	0.122766	0.016614	0.006090	0.019326	0.029174	0.002436	0.002356	0.005006	0.000673	0.000901
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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas	0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776
Mitigated NaturalGas	0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776
Unmitigated																

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1546.97	0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776
Total		0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	KBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.54697	0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776
Total		0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8083	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.9421	5.9421	5.7900e-003	0.0000	6.0870
Unmitigated	0.8083	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.9421	5.9421	5.7900e-003	0.0000	6.0870

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Consumer Products	0.6511					0.0000	0.0000			0.0000	0.0000				0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000			0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000			0.0000
Landscaping	0.1008	0.0383	3.3110	1.7000e-004		0.0182	0.0182			0.0182	0.0182			0.0182	0.0182			5.9421	5.9421	5.7900e-003	6.0870
Total	0.8083	0.0383	3.3110	1.7000e-004		0.0182	0.0182			0.0182	0.0182			0.0000	5.9421	5.9421	5.7900e-003	0.0000			6.0870

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1008	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182		5.9421	5.9421	5.7900e-003		6.0870
Total	0.8083	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.9421	5.9421	5.7900e-003	0.0000	6.0870

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

800 South Fairfax Avenue Existing - Los Angeles-South Coast County, Annual

800 South Fairfax Avenue Existing
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	40.00	Dwelling Unit	1.06	32,885.00	114

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2020
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW/hr)	1227.89	CH4 Intensity (lb/MW/hr)	0.029	N2O Intensity (lb/MW/hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - City of Los Angeles ZIMAS database

Vehicle Trips - Overland Traffic Consultants Inc. CEQA Transportation Assessment; December 2019

Woodstoves - Google Earth

Table Name	Column Name	Default Value	New Value
tblFireplaces	NumberGas	34.00	0.00
tblFireplaces	NumberNoFireplace	4.00	40.00
tblFireplaces	NumberWood	2.00	0.00

	tblLandUse		LandUseSquareFeet		40,000.00		32,885.00
	tblLandUse		LotAcreage		2.50		1.06
	tblVehicleTrips		ST_TR		7.16		7.32
	tblVehicleTrips		WD_TR		6.59		7.32
	tblWoodstoves		NumberCatalytic		2.00		0.00
	tblWoodstoves		NumberNoncatalytic		2.00		0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Biogenic CO2	NBiogenic CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1417	4.7900e-003	0.4139	2.0000e-005		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	0.6738	0.6738	6.6000e-004	0.0000	0.6903
Energy	3.0400e-003	0.0260	0.0111	1.7000e-004		2.1000e-003	2.1000e-003		2.1000e-003	2.1000e-003	0.0000	121.8771	121.8771	2.7400e-003	1.0000e-003	122.2439
Mobile	0.1040	0.5386	1.4498	4.7200e-003	0.3705	4.8800e-003	0.3754	0.0993	4.5800e-003	0.1039	0.0000	435.2870	435.2870	0.0243	0.0000	435.8833
Waste						0.0000	0.0000		0.0000	0.0000	3.7350	0.0000	3.7350	0.2207	0.0000	9.2534
Water						0.0000	0.0000		0.0000	0.0000	0.8268	29.0671	29.8939	0.0856	2.1500e-003	32.6740
Total	0.2487	0.5694	1.8747	4.9100e-003	0.3705	9.2600e-003	0.3798	0.0993	8.9600e-003	0.1083	4.5618	586.9050	591.4668	0.3340	3.1500e-003	600.7548

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Biogenic CO2	NBiogenic CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr						
Area	0.1417	4.7900e-003	0.4139	2.0000e-005		2.2800e-003	2.2800e-003		2.2800e-003		0.0000	0.6738	0.6738	6.6000e-004	0.0000	0.6903	
Energy	3.0400e-003	0.0260	0.0111	1.7000e-004		2.1000e-003	2.1000e-003		2.1000e-003		0.0000	121.8771	121.8771	2.7400e-003	1.0000e-003	122.2439	
Mobile	0.1040	0.5386	1.4498	4.7200e-003	0.3705	4.8800e-003	0.3754	0.0993	4.5800e-003	0.1039	0.0000	435.2870	435.2870	0.0243	0.0000	435.8933	
Waste						0.0000	0.0000		0.0000		0.0000	3.7350	0.0000	3.7350	0.2207	0.0000	9.2534
Water						0.0000	0.0000		0.0000		0.8268	29.0671	29.8939	0.0856	2.1500e-003	32.6740	
Total	0.2487	0.5694	1.8747	4.9100e-003	0.3705	9.2600e-003	0.3798	0.0993	8.9600e-003	0.1083	4.5618	586.9050	591.4668	0.3340	3.1500e-003	600.7548	
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Mitigated	0.1040	0.5386	1.4498	4.7200e-003	0.3705	4.8800e-003	0.3754	0.0993	4.5800e-003	0.1039	0.0000	435.2870	435.2870	0.0243	0.0000	435.8933
Unmitigated	0.1040	0.5386	1.4498	4.7200e-003	0.3705	4.8800e-003	0.3754	0.0993	4.5800e-003	0.1039	0.0000	435.2870	435.2870	0.0243	0.0000	435.8933

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated		Mitigated	
	Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT	Annual VMT
	Apartments Low Rise	292.80	292.80	242.80	976,134		976,134

Land Use	kBTU/yr	tons/yr										MT/yr					
Apartment's Low Rise	564643	3.0400e-003	0.0260	0.0111	1.7000e-004	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	0.0000	30.1315	30.1315	5.8000e-004	5.5000e-004	30.3106
Total		3.0400e-003	0.0260	0.0111	1.7000e-004	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	0.0000	30.1315	30.1315	5.8000e-004	5.5000e-004	30.3106

Mitigated

Land Use	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartment's Low Rise	564643	3.0400e-003	0.0260	0.0111	1.7000e-004	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	0.0000	30.1315	30.1315	5.8000e-004	5.5000e-004	30.3106
Total		3.0400e-003	0.0260	0.0111	1.7000e-004	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	2.1000e-003	0.0000	30.1315	30.1315	5.8000e-004	5.5000e-004	30.3106

5.3 Energy by Land Use - Electricity
Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartment's Low Rise	164725	91.7456	2.1700e-003	4.5000e-004	91.9334
Total		91.7456	2.1700e-003	4.5000e-004	91.9334

SubCategory	tons/yr										MT/yr				
Architectural	0.0103					0.0000	0.0000			0.0000	0.0000	0.0000			0.0000
Coating															
Consumer Products	0.1188					0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0126	4.7900e-003	0.4139	2.0000e-005		2.2800e-003	2.2800e-003			2.2800e-003	2.2800e-003	0.0000	0.6738	6.6000e-004	0.6903
Total	0.1417	4.7900e-003	0.4139	2.0000e-005		2.2800e-003	2.2800e-003			2.2800e-003	2.2800e-003	0.0000	0.6738	6.6000e-004	0.6903

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Consumer Products	0.1188					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Landscaping	0.0126	4.7900e-003	0.4139	2.0000e-005		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	0.6738	0.6738	6.6000e-004	0.0000	0.6903
Total	0.1417	4.7900e-003	0.4139	2.0000e-005		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	0.6738	0.6738	6.6000e-004	0.0000	0.6903

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			

Mitigated	29.8939	0.0856	2.1500e-003	32.6740
Unmitigated	29.8939	0.0856	2.1500e-003	32.6740

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	2.60616 / 1.64301	29.8939	0.0856	2.1500e-003	32.6740
Total		29.8939	0.0856	2.1500e-003	32.6740

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	2.60616 / 1.64301	29.8939	0.0856	2.1500e-003	32.6740
Total		29.8939	0.0856	2.1500e-003	32.6740

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	3.7350	0.2207	0.0000	9.2534
Unmitigated	3.7350	0.2207	0.0000	9.2534

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	18.4	3.7350	0.2207	0.0000	9.2534
Total		3.7350	0.2207	0.0000	9.2534

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartment's Low Rise	18.4	3.7350	0.2207	0.0000	9.2534
Total		3.7350	0.2207	0.0000	9.2534

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

800 South Fairfax Avenue Existing - Los Angeles-South Coast County, Winter
800 South Fairfax Avenue Existing
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	40.00	Dwelling Unit	1.06	32,885.00	114

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2020
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW/hr)	1227.89	CH4 Intensity (lb/MW/hr)	0.029	N2O Intensity (lb/MW/hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - City of Los Angeles ZIMAS database

Vehicle Trips - Overland Traffic Consultants Inc. CEQA Transportation Assessment; December 2019

Woodstoves - Google Earth

Table Name	Column Name	Default Value	New Value
tblFireplaces	NumberGas	34.00	0.00
tblFireplaces	NumberNoFireplace	4.00	40.00
tblFireplaces	NumberWood	2.00	0.00
tblLandUse	LandUseSquareFeet	40,000.00	32,885.00

tbLandUse	LotAcreage	2.50	1.06
tbVehicleTrips	ST_TR	7.16	7.32
tbVehicleTrips	WD_TR	6.59	7.32
tbWoodstoves	NumberCatalytic	2.00	0.00
tbWoodstoves	NumberNoncatalytic	2.00	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Area	0.8083	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.9421	5.9421	5.7900e-003	0.0000	6.0870
Energy	0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776
Mobile	0.5992	2.9767	8.0492	0.0262	2.1276	0.0276	2.1552	0.5695	0.0259	0.5953		22.664.9573	2.664.9573	0.1510		2.668.7324
Total	1.4242	3.1575	11.4209	0.0273	2.1276	0.0574	2.1850	0.5695	0.0556	0.6251	0.0000	2,852.8955	2,852.8955	0.1603	3.3400e-003	2,857.8969

Mitigated Operational

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day																
Area	0.8083	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.9421	5.9421	5.7900e-003	0.0000	6.0870
Energy	0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776

Mobile	0.5992	2.9767	8.0492	0.0262	2.1276	0.0276	2.1552	0.5695	0.0259	0.5953	2,664.9573	2,664.9573	0.1510	2,668.7324		
Total	1.4242	3.1575	11.4209	0.0273	2.1276	0.0574	2.1850	0.5695	0.0556	0.6251	0.0000	2,852.8955	2,852.8955	0.1603	3,340e-003	2,857.8969

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bi- CO2	NBi- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5992	2.9767	8.0492	0.0262	2.1276	0.0276	2.1552	0.5695	0.0259	0.5953	2,664.9573	2,664.9573	0.1510			2,668.7324
Unmitigated	0.5992	2.9767	8.0492	0.0262	2.1276	0.0276	2.1552	0.5695	0.0259	0.5953	2,664.9573	2,664.9573	0.1510			2,668.7324

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartment's Low Rise	292.80	292.80	242.80	976,134	976,134
Total	292.80	292.80	242.80	976,134	976,134

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SRUS	MH
Apartments Low Rise	0.547726	0.045433	0.201486	0.122768	0.016614	0.006090	0.019328	0.029174	0.002438	0.002356	0.005006	0.000673	0.000901

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOX	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas	0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776
Mitigated																
NaturalGas	0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776
Unmitigated																

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOX	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1546.97	0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776
Total		0.0167	0.1426	0.0607	9.1000e-004		0.0115	0.0115		0.0115	0.0115		181.9961	181.9961	3.4900e-003	3.3400e-003	183.0776

Mitigated

Landscaping	0.1008	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182		5.9421	5.9421	5.7900e-003		6.0870	
Total	0.8083	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182		0.0000	5.9421	5.9421	5.7900e-003	0.0000	6.0870

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6511					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1008	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182		5.9421	5.9421	5.7900e-003		6.0870
Total	0.8083	0.0383	3.3110	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.9421	5.9421	5.7900e-003	0.0000	6.0870

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

800 South Fairfax Avenue Future - Los Angeles-South Coast County, Summer

800 South Fairfax Avenue Future

Los Angeles-South Coast County, Summer

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	239.00	Space	0.00	95,600.00	0
Fast Food Restaurant w/o Drive Thru	0.00	1000sqft	0.00	0.00	0
High Turnover (Sit Down Restaurant)	2.65	1000sqft	0.05	2,653.00	0
Apartments Mid Rise	209.00	Dwelling Unit	1.00	182,632.00	573

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW/hr)	1227.89	CH4 Intensity (lb/MW/hr)	0.029	N2O Intensity (lb/MW/hr)	0.006

1.3 User Entered Comments & Non-Default Data**Project Characteristics -**

Land Use - Developer information. Population based on 2.79 persons per dwelling unit

Construction Phase - Developer information

Trips and VMT - Assumes 10 CY capacity per haul truck

Demolition - Assumes 5,700 cubic yards of material at 800 lb/CY

Grading - Developer information

Vehicle Trips - Overland Traffic Consultants Inc. CEQA Transportation Assessment; December 2020

Woodstoves - Developer information

Construction Off-road Equipment Mitigation - Assumes SCAQMD Rule 403 control efficiencies for fugitive dust

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	46
tblConstructionPhase	NumDays	10.00	123.00
tblConstructionPhase	NumDays	200.00	695.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	4.00	87.00
tblFireplaces	NumberGas	177.65	0.00
tblFireplaces	NumberNoFireplace	20.90	209.00
tblFireplaces	NumberWood	10.45	0.00
tblGrading	AcresOfGrading	32.63	1.50
tblGrading	MaterialExported	0.00	17,000.00
tblLandUse	LandUseSquareFeet	209,000.00	182,632.00
tblLandUse	LotAcreage	2.15	0.00
tblLandUse	LotAcreage	0.06	0.05
tblLandUse	LotAcreage	5.50	1.00
tblLandUse	Population	598.00	573.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripNumber	225.00	570.00
tblTripsAndVMT	HaulingTripNumber	2,125.00	1,700.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00
tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	ST_TR	6.39	4.55
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	ST_TR	158.37	31.63
tblVehicleTrips	SU_TR	5.86	4.55

tbVehicleTrips	SU_TR	500.00	0.00
tbVehicleTrips	SU_TR	131.84	31.63
tbVehicleTrips	WD_TR	6.65	4.55
tbVehicleTrips	WD_TR	716.00	0.00
tbVehicleTrips	WD_TR	127.15	31.63
tbWoodstoves	NumberCatalytic	10.45	0.00
tbWoodstoves	NumberNoncatalytic	10.45	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day																
2021	2.7510	33.2541	21.5972	0.0681	5.1587	1.0883	5.8211	2.6521	1.0168	3.2624	0.0000	7,078.3003	7,078.3003	0.8962	0.0000	7,100.7043
2022	2.5280	16.5226	20.7738	0.0529	2.3894	0.6123	3.0017	0.6392	0.5906	1.2298	0.0000	5,146.5169	5,146.5169	0.4663	0.0000	5,158.1732
2023	2.3276	14.8349	20.0057	0.0518	2.3894	0.5339	2.9233	0.6392	0.5148	1.1540	0.0000	5,036.9213	5,036.9213	0.4451	0.0000	5,048.0482
2024	12.2066	15.4397	22.4639	0.0580	2.8142	0.5338	3.3480	0.7519	0.5163	1.2682	0.0000	5,641.2079	5,641.2079	0.4588	0.0000	5,652.6789
Maximum	12.2066	33.2541	22.4639	0.0681	5.1587	1.0883	5.8211	2.6521	1.0168	3.2624	0.0000	7,078.3003	7,078.3003	0.8962	0.0000	7,100.7043

Mitigated Construction

ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Year	lb/day										lb/day					
2021	2.7510	33.2541	21.5972	0.0681	2.0761	1.0883	3.0302	1.0334	1.0168	1.6437	0.0000	7,078.3003	7,078.3003	0.8962	0.0000	7,100.7043
2022	2.5280	16.5226	20.7738	0.0529	1.4514	0.6123	2.0637	0.4090	0.5906	0.9996	0.0000	5,146.5169	5,146.5169	0.4663	0.0000	5,158.1732
2023	2.3276	14.8349	20.0057	0.0518	1.4514	0.5339	1.9853	0.4090	0.5148	0.9238	0.0000	5,036.9213	5,036.9213	0.4451	0.0000	5,048.0482
2024	12.2066	15.4397	22.4639	0.0580	1.7063	0.5338	2.2401	0.4799	0.5163	0.9963	0.0000	5,641.2079	5,641.2079	0.4588	0.0000	5,652.6789
Maximum	12.2066	33.2541	22.4639	0.0681	2.0761	1.0883	3.0302	1.0334	1.0168	1.6437	0.0000	7,078.3003	7,078.3003	0.8962	0.0000	7,100.7043
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	47.57	0.00	38.26	50.21	0.00	34.00	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Area	4.5515	0.1990	17.2713	9.1000e-004		0.0956	0.0956		0.0956	0.0956	0.0000	31.1003	31.1003	0.0300	0.0000	31.8502
Energy	0.0750	0.6508	0.3451	4.0900e-003		0.0518	0.0518		0.0518	0.0518		818.2262	818.2262	0.0157	0.0150	823.0885
Mobile	1.6686	6.8817	22.5757	0.0852	7.1489	0.0623	7.2112	1.9131	0.0579	1.9710		8,678.6128	8,678.6128	0.4142		8,688.9671
Total	6.2951	7.7316	40.1921	0.0902	7.1489	0.2097	7.3586	1.9131	0.2053	2.1184	0.0000	9,527.9394	9,527.9394	0.4598	0.0150	9,543.9058

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.5515	0.1990	17.2713	9.1000e-004	0.0956	0.0956	0.0956	0.0956	0.0956	0.0956	0.0000	31.1003	31.1003	0.0300	0.0000	31.8502
Energy	0.0750	0.6508	0.3451	4.0900e-003	0.0518	0.0518	0.0518	0.0518	0.0518	0.0518		818.2262	818.2262	0.0157	0.0150	823.0885
Mobile	1.6686	6.8817	22.5757	0.0852	7.1489	0.0623	7.2112	1.9131	0.0579	1.9710		8,678.6128	8,678.6128	0.4142		8,688.9671
Total	6.2951	7.7316	40.1921	0.0902	7.1489	0.2097	7.3586	1.9131	0.2053	2.1184	0.0000	9,527.9394	9,527.9394	0.4598	0.0150	9,543.9058

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase											
Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description				
1	Demolition	Demolition	6/1/2021	6/21/2021	5	15					
2	Grading	Grading	6/22/2021	10/20/2021	5	87	Including shoring				
3	Building Construction	Building Construction	10/21/2021	6/19/2024	5	695	Includes concrete, framing, finishing				
4	Architectural Coating	Architectural Coating	1/1/2024	6/19/2024	5	123					

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 369,830; Residential Outdoor: 123,277; Non-Residential Indoor: 3,980; Non-Residential Outdoor: 1,327; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.06	81	0.73

Category	lb/day										lb/day				
Fugitive Dust					3.2527	0.0000	3.2527	0.4925	0.0000	0.4925			0.0000		0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940	2,337.5658
Total	1.9930	19.6966	14.4925	0.0241	3.2527	1.0409	4.2936	0.4925	0.9715	1.4640		2,322.7171	2,322.7171	0.5940	2,337.5658

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Hauling	0.4452	13.5192	3.3671	0.0425	0.9963	0.0463	1.0425	0.2731	0.0443	0.3173		4,607.5431	4,607.5431	0.2979		4,614.9894
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0557	0.0383	0.5236	1.4900e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		148.0401	148.0401	4.3600e-003		148.1491
Total	0.5009	13.5575	3.8907	0.0440	1.1416	0.0474	1.1890	0.3116	0.0453	0.3569		4,755.5832	4,755.5832	0.3022		4,763.1385

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Fugitive Dust					1.2051	0.0000	1.2051	0.1825	0.0000	0.1825			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		0.0000	2,322.7171	2,322.7171	0.5940	2,337.5658

Total	1.9930	19.6966	14.4925	0.0241	1.2051	1.0409	2.2460	0.1825	0.9715	1.1539	0.0000	2.322.7171	2.322.7171	0.5940		2.337.5658
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.4452	13.5192	3.3671	0.0425	0.6496	0.0463	0.6959	0.1880	0.0443	0.2322		4.607.5431	4.607.5431	0.2979		4.614.9894
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0557	0.0383	0.5236	1.4900e-003	0.0872	1.1700e-003	0.0884	0.0243	1.0800e-003	0.0254		148.0401	148.0401	4.3600e-003		148.1491
Total	0.5009	13.5575	3.8907	0.0440	0.7368	0.0474	0.7842	0.2122	0.0453	0.2576		4.755.5832	4.755.5832	0.3022		4.763.1385

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Fugitive Dust					4.5570	0.0000	4.5570	2.4880	0.0000	2.4880			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1.365.0648	1.365.0648	0.4415		1.376.1020
Total	1.2884	14.3307	6.3314	0.0141	4.5570	0.6379	5.1949	2.4880	0.5869	3.0749		1.365.0648	1.365.0648	0.4415		1.376.1020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2289	6.9518	1.7314	0.0218	0.5123	0.0238	0.5361	0.1404	0.0228	0.1632		2,369.2750	2,369.2750	0.1532		2,373.1040
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	0.2632	6.9754	2.0537	0.0227	0.6017	0.0245	0.6262	0.1641	0.0234	0.1875		2,460.3766	2,460.3766	0.1558		2,464.2727

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6884	0.0000	1.6884	0.9218	0.0000	0.9218			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	1.2884	14.3307	6.3314	0.0141	1.6884	0.6379	2.3263	0.9218	0.5869	1.5087	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	0.2289	6.9518	1.7314	0.0218	0.3340	0.0238	0.3578	0.0967	0.0228	0.1194	2,369.2750	2,369.2750	0.1532	2,373.1040
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0537	7.2000e-004	0.0544	0.0149	6.7000e-004	0.0156	91.1016	91.1016	2.6800e-003	91.1687
Total	0.2632	6.9754	2.0537	0.0227	0.3877	0.0245	0.4122	0.1116	0.0234	0.1350	2,460.3766	2,460.3766	0.1558	2,464.2727

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6643	0.6843		0.6608	0.6608	2,001.2200	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	1.8125	13.6361	12.8994	0.0221		0.6643	0.6843		0.6608	0.6608	2,001.2200	2,001.2200	2,001.2200	0.3573		2,010.1517

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.1155	3.6894	0.9645	9.7700e-003	0.2433	7.5400e-003	0.2508	0.0701	7.2100e-003	0.0773	1,044.5464	1,044.5464	1,044.5464	0.0615		1,046.0848
Worker	0.8230	0.5657	7.7333	0.0220	2.1461	0.0173	2.1635	0.5692	0.0160	0.5851	2,186.4381	2,186.4381	2,186.4381	0.0644		2,188.0487
Total	0.9385	4.2551	8.6978	0.0317	2.3894	0.0249	2.4143	0.6392	0.0232	0.6624	3,230.9845	3,230.9845	3,230.9845	0.1260		3,234.1335

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.1155	3.6894	0.9645	9.7700e-003	0.1636	7.5400e-003	0.1711	0.0505	7.2100e-003	0.0577	1,044.5464	1,044.5464	1,044.5464	0.0615		1,046.0848
Worker	0.8230	0.5657	7.7333	0.0220	1.2879	0.0173	1.3052	0.3585	0.0160	0.3745	2,186.4381	2,186.4381	2,186.4381	0.0644		2,188.0487
Total	0.9385	4.2551	8.6978	0.0317	1.4514	0.0249	1.4763	0.4090	0.0232	0.4322		3,230.9845	3,230.9845	0.1260		3,234.1335

3.4 Building Construction - 2022
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581
Total	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1084	3.5086	0.9126	9.6800e-003	0.2433	6.6000e-003	0.2499	0.0701	6.3100e-003	0.0764		1,035.4464	1,035.4464	0.0594		1,036.9319
Worker	0.7709	0.5110	7.1348	0.0212	2.1461	0.0168	2.1629	0.5692	0.0155	0.5846		2,109.5277	2,109.5277	0.0582		2,110.9833
Total	0.8793	4.0195	8.0473	0.0309	2.3894	0.0234	2.4128	0.6392	0.0218	0.6610		3,144.9740	3,144.9740	0.1176		3,147.9151

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689	0.0000	2,001.5429	2,001.5429	0.3486		2,010.2581

Total	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689	0.0000	2,001.5429	2,001.5429	0.3486		2,010.2581
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Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1084	3.5086	0.9126	9.6800e-003	0.1636	6.6000e-003	0.1702	0.0505	6.3100e-003	0.0568		1,035.4464	1,035.4464	0.0594		1,036.9319
Worker	0.7709	0.5110	7.1348	0.0212	1.2879	0.0168	1.3047	0.3585	0.0155	0.3740		2,109.5277	2,109.5277	0.0582		2,110.9833
Total	0.8793	4.0195	8.0473	0.0309	1.4514	0.0234	1.4748	0.4090	0.0218	0.4308		3,144.9740	3,144.9740	0.1176		3,147.9151

3.4 Building Construction - 2023
Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day															
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0804	2.6622	0.8242	9.3600e-003	0.2433	3.0800e-003	0.2464	0.0701	2.9400e-003	0.0730		1.002.8482	1.002.8482	0.0527		1.004.1646
Worker	0.7240	0.4623	6.5705	0.0204	2.1461	0.0163	2.1624	0.5692	0.0150	0.5842		2.032.2854	2.032.2854	0.0525		2.033.5978
Total	0.8044	3.1245	7.3947	0.0298	2.3894	0.0194	2.4088	0.6392	0.0180	0.6572		3.035.1337	3.035.1337	0.1052		3.037.7625

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0804	2.6622	0.8242	9.3600e-003	0.1636	3.0800e-003	0.1666	0.0505	2.9400e-003	0.0534	1.002.8482	1.002.8482	0.0527		1.004.1646				
Worker	0.7240	0.4623	6.5705	0.0204	1.2879	0.0163	1.3042	0.3585	0.0150	0.3735	2.032.2854	2.032.2854	0.0525		2.033.5978				
Total	0.8044	3.1245	7.3947	0.0298	1.4514	0.0194	1.4708	0.4090	0.0180	0.4270	3.035.1337	3.035.1337	0.1052		3.037.7625				

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Off-Road	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	2.001.9214	2.001.9214	0.3334			2.010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	2.001.9214	2.001.9214	0.3334			2.010.2563

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.0785	2.6620	0.7991	9.3200e-003	0.2433	3.0400e-003	0.2463	0.0701	2.9000e-003	0.0730	998.7784	998.7784	0.0519			1.000.0761
Worker	0.6848	0.4216	6.1252	0.0198	2.1461	0.0161	2.1622	0.5692	0.0148	0.5840	1.969.3023	1.969.3023	0.0482			1.970.5063
Total	0.7633	3.0736	6.9243	0.0291	2.3894	0.0191	2.4085	0.6392	0.0177	0.6569	2.968.0807	2.968.0807	0.1001			2.970.5824

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.0785	2.6620	0.7991	9.3200e-003	0.1636	3.0400e-003	0.1666	0.0505	2.9000e-003	0.0534		998.7784	998.7784	0.0519		1,000.0761
Worker	0.6848	0.4216	6.1252	0.0198	1.2879	0.0161	1.3039	0.3585	0.0148	0.3733		1,969.3023	1,969.3023	0.0482		1,970.5063
Total	0.7633	3.0736	6.9243	0.0291	1.4514	0.0191	1.4705	0.4090	0.0177	0.4267		2,968.0807	2,968.0807	0.1001		2,970.5824

3.5 Architectural Coating - 2024
Unmitigated Construction On-Site

Total	9.8878	1.2188	1.8101	2.9700e-003	0.0609	0.0609	0.0609	0.0000	281.4481	281.4481	0.0159	281.8443
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1355	0.0834	1.2123	3.9100e-003	0.2549	3.1800e-003	0.2581	0.0710	2.9300e-003	0.0739		389.7577	389.7577	9.5300e-003		389.9960
Total	0.1355	0.0834	1.2123	3.9100e-003	0.2549	3.1800e-003	0.2581	0.0710	2.9300e-003	0.0739		389.7577	389.7577	9.5300e-003		389.9960

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Mitigated	1.6686	6.8817	22.5757	0.0852	7.1489	0.0623	7.2112	1.9131	0.0579	1.9710	8,678.6128	8,678.6128	0.4142			8,688.9671
Unmitigated	1.6686	6.8817	22.5757	0.0852	7.1489	0.0623	7.2112	1.9131	0.0579	1.9710	8,678.6128	8,678.6128	0.4142			8,688.9671

4.2 Trip Summary Information

		Average Daily Trip Rate			Unmitigated	Mitigated
Land Use		Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise		950.95	950.95	950.95	3,247,575	3,247,575
Enclosed Parking with Elevator		0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru		0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)		83.91	83.91	83.91	114,361	114,361
Total		1,034.86	1,034.86	1,034.86	3,361,936	3,361,936

4.3 Trip Type Information

		Miles			Trip %			Trip Purpose %		
Land Use		H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise		14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Enclosed Parking with Elevator		16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive Thru		16.60	8.40	6.90	1.50	79.50	19.00	51	37	12
High Turnover (Sit Down Restaurant)		16.60	8.40	6.90	8.50	72.50	19.00	37	20	43

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.545842	0.044766	0.205286	0.119311	0.015356	0.006227	0.020466	0.031333	0.002546	0.002133	0.005185	0.000693	0.000862
Enclosed Parking with Elevator	0.545842	0.044766	0.205286	0.119311	0.015356	0.006227	0.020466	0.031333	0.002546	0.002133	0.005185	0.000693	0.000862
Fast Food Restaurant w/o Drive Thru	0.545842	0.044766	0.205286	0.119311	0.015356	0.006227	0.020466	0.031333	0.002546	0.002133	0.005185	0.000693	0.000862
High Turnover (Sit Down Restaurant)	0.545842	0.044766	0.205286	0.119311	0.015356	0.006227	0.020466	0.031333	0.002546	0.002133	0.005185	0.000693	0.000862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas	0.0750	0.6508	0.3451	4.0900e-003		0.0518	0.0518		0.0518	0.0518		818.2262	818.2262	0.0157	0.0150	823.0885
Mitigated																
NaturalGas	0.0750	0.6508	0.3451	4.0900e-003		0.0518	0.0518		0.0518	0.0518		818.2262	818.2262	0.0157	0.0150	823.0885
Unmitigated																

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartment Mid Rise	5277.65	0.0569	0.4864	0.2070	3.1000e-003		0.0393	0.0393		0.0393	0.0393		620.8994	620.8994	0.0119	0.0114	624.5891
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Restaurant w/o High Turnover (Sit Down Restaurant)	1677.28	0.0181	0.1644	0.1381	9.9000e-004		0.0125	0.0125		0.0125	0.0125		197.3268	197.3268	3.7800e-003	3.6200e-003	198.4994
Total		0.0750	0.6508	0.3451	4.0900e-003		0.0518	0.0518		0.0518	0.0518		818.2262	818.2262	0.0157	0.0150	823.0885

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartment Mid Rise	5.27765	0.0569	0.4864	0.2070	3.1000e-003		0.0393	0.0393		0.0393	0.0393		620.8994	620.8994	0.0119	0.0114	624.5891

Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.5219	0.1990	17.2713	9.1000e-004		0.0956	0.0956		0.0956	0.0956		0.0956	0.0956	31.1003	31.1003	31.8502
Total	4.5515	0.1990	17.2713	9.1000e-004		0.0956	0.0956		0.0956	0.0956		0.0956	0.0956	31.1003	31.1003	31.8502

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3271					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.7025					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.5219	0.1990	17.2713	9.1000e-004		0.0956	0.0956		0.0956	0.0956		31.1003	31.1003	0.0300		31.8502
Total	4.5515	0.1990	17.2713	9.1000e-004		0.0956	0.0956		0.0956	0.0956	0.0000	31.1003	31.1003	0.0300	0.0000	31.8502

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

800 South Fairfax Avenue Future - Los Angeles-South Coast County, Annual

800 South Fairfax Avenue Future
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	239.00	Space	0.00	95,600.00	0
Fast Food Restaurant w/o Drive Thru	0.00	1000sqft	0.00	0.00	0
High Turnover (Sit Down Restaurant)	2.65	1000sqft	0.05	2,653.00	0
Apartments Mid Rise	209.00	Dwelling Unit	1.00	182,632.00	573

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2023

Utility Company Los Angeles Department of Water & Power

CO2 Intensity (lb/MW/hr)	1227.89	CH4 Intensity (lb/MW/hr)	0.029	N2O Intensity (lb/MW/hr)	0.006
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1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Developer information. Population based on 2.79 persons per dwelling unit

Construction Phase - Developer information

Trips and VMT - Assumes 10 CY capacity per haul truck

Demolition - Assumes 5,700 cubic yards of material at 800 lb/CY

Grading - Developer information

Vehicle Trips - Overland Traffic Consultants Inc. CEQA Transportation Assessment; December 2020

Woodstoves - Developer information

Construction Off-road Equipment Mitigation - Assumes SCAQMD Rule 403 control efficiencies for fugitive dust

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	46
tblConstructionPhase	NumDays	10.00	123.00
tblConstructionPhase	NumDays	200.00	695.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	4.00	87.00
tblFireplaces	NumberGas	177.65	0.00
tblFireplaces	NumberNoFireplace	20.90	209.00
tblFireplaces	NumberWood	10.45	0.00
tblGrading	AcresOfGrading	32.63	1.50
tblGrading	MaterialExported	0.00	17,000.00
tblLandUse	LandUseSquareFeet	209,000.00	182,632.00
tblLandUse	LotAcreage	2.15	0.00
tblLandUse	LotAcreage	0.06	0.05
tblLandUse	LotAcreage	5.50	1.00
tblLandUse	Population	598.00	573.00
tblTripsAndVMT	HaulingTriplength	20.00	30.00
tblTripsAndVMT	HaulingTriplength	20.00	30.00
tblTripsAndVMT	HaulingTripNumber	225.00	570.00
tblTripsAndVMT	HaulingTripNumber	2,125.00	1,700.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00
tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	ST_TR	6.39	4.55
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	ST_TR	158.37	31.63

tbVehicleTrips	SU_TR	5.86	4.55
tbVehicleTrips	SU_TR	500.00	0.00
tbVehicleTrips	SU_TR	131.84	31.63
tbVehicleTrips	WD_TR	6.65	4.55
tbVehicleTrips	WD_TR	716.00	0.00
tbVehicleTrips	WD_TR	127.15	31.63
tbWoodstoves	NumberCatalytic	10.45	0.00
tbWoodstoves	NumberNoncatalytic	10.45	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1580	1.6606	1.0538	3.4700e-003	0.3177	0.0554	0.3731	0.1376	0.0520	0.1895	0.0000	319.2137	319.2137	0.0411	0.0000	320.2419
2022	0.3294	2.1641	2.6492	6.7400e-003	0.3046	0.0796	0.3842	0.0816	0.0768	0.1584	0.0000	594.9068	594.9068	0.0549	0.0000	596.2788
2023	0.3034	1.9406	2.5514	6.6100e-003	0.3046	0.0694	0.3740	0.0816	0.0669	0.1486	0.0000	582.4422	582.4422	0.0524	0.0000	583.7513
2024	0.7512	0.9556	1.3546	3.5000e-003	0.1697	0.0328	0.2026	0.0454	0.0318	0.0772	0.0000	308.4806	308.4806	0.0255	0.0000	309.1186
Maximum	0.7512	2.1641	2.6492	6.7400e-003	0.3177	0.0796	0.3842	0.1376	0.0768	0.1895	0.0000	594.9068	594.9068	0.0549	0.0000	596.2788

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1580	1.6606	1.0538	3.4700e-003	0.1416	0.0554	0.1971	0.0583	0.0520	0.1103	0.0000	319.2136	319.2136	0.0411	0.0000	320.2417
2022	0.3294	2.1641	2.6492	6.7400e-003	0.1855	0.0796	0.2651	0.0524	0.0768	0.1292	0.0000	594.9065	594.9065	0.0549	0.0000	596.2785
2023	0.3034	1.9406	2.5514	6.6100e-003	0.1855	0.0694	0.2549	0.0524	0.0669	0.1193	0.0000	582.4419	582.4419	0.0524	0.0000	583.7510
2024	0.7512	0.9556	1.3546	3.5000e-003	0.1031	0.0328	0.1360	0.0291	0.0318	0.0608	0.0000	308.4804	308.4804	0.0255	0.0000	309.1185
Maximum	0.7512	2.1641	2.6492	6.7400e-003	0.1855	0.0796	0.2651	0.0583	0.0768	0.1292	0.0000	594.9065	594.9065	0.0549	0.0000	596.2785

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	43.86	0.00	36.06	44.51	0.00	26.87	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)							Maximum Mitigated ROG + NOX (tons/quarter)						
3	4-1-2021	6-30-2021	0.3416							0.3416						
4	7-1-2021	9-30-2021	0.7510							0.7510						
5	10-1-2021	12-31-2021	0.6990							0.6990						
6	1-1-2022	3-31-2022	0.6168							0.6168						
7	4-1-2022	6-30-2022	0.6191							0.6191						
8	7-1-2022	9-30-2022	0.6259							0.6259						
9	10-1-2022	12-31-2022	0.6305							0.6305						
10	1-1-2023	3-31-2023	0.5557							0.5557						
11	4-1-2023	6-30-2023	0.5578							0.5578						
12	7-1-2023	9-30-2023	0.5639							0.5639						
13	10-1-2023	12-31-2023	0.5681							0.5681						
14	1-1-2024	3-31-2024	0.9033							0.9033						
15	4-1-2024	6-30-2024	0.7899							0.7899						
		Highest	0.9033							0.9033						

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8006	0.0249	2.1589	1.1000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	3.5267	3.5267	3.4000e-003	0.0000	3.6118
Energy	0.0137	0.1188	0.0630	7.5000e-004		9.4600e-003	9.4600e-003		9.4600e-003	9.4600e-003	0.0000	973.6803	973.6803	0.0224	6.5800e-003	976.2008
Mobile	0.2873	1.3059	3.9510	0.0150	1.2760	0.0113	1.2873	0.3420	0.0106	0.3526	0.0000	1,383.3388	1,383.3388	0.0679	0.0000	1,385.0359
Waste						0.0000	0.0000		0.0000	0.0000	25.9179	0.0000	25.9179	1.5317	0.0000	64.2105
Water						0.0000	0.0000		0.0000	0.0000	4.5753	158.0267	162.6020	0.4737	0.0119	177.9802
Total	1.1016	1.4495	6.1729	0.0158	1.2760	0.0327	1.3087	0.3420	0.0320	0.3740	30.4932	2,518.5726	2,549.0658	2.0990	0.0185	2,607.0392

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8006	0.0249	2.1589	1.1000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	3.5267	3.5267	3.4000e-003	0.0000	3.6118
Energy	0.0137	0.1188	0.0630	7.5000e-004		9.4600e-003	9.4600e-003		9.4600e-003	9.4600e-003	0.0000	973.6803	973.6803	0.0224	6.5800e-003	976.2008
Mobile	0.2873	1.3059	3.9510	0.0150	1.2760	0.0113	1.2873	0.3420	0.0106	0.3526	0.0000	1,383.3388	1,383.3388	0.0679	0.0000	1,385.0359
Waste						0.0000	0.0000		0.0000	0.0000	25.9179	0.0000	25.9179	1.5317	0.0000	64.2105
Water						0.0000	0.0000		0.0000	0.0000	4.5753	158.0267	162.6020	0.4737	0.0119	177.9802
Total	1.1016	1.4495	6.1729	0.0158	1.2760	0.0327	1.3087	0.3420	0.0320	0.3740	30.4932	2,518.5726	2,549.0658	2.0990	0.0185	2,607.0392

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2021	6/21/2021	5	15	
2	Grading	Grading	6/22/2021	10/20/2021	5	87	Including shoring
3	Building Construction	Building Construction	10/21/2021	6/19/2024	5	696	Includes concrete, framing, finishing
4	Architectural Coating	Architectural Coating	1/1/2024	6/19/2024	5	123	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 369,830; Residential Outdoor: 123,277; Non-Residential Indoor: 3,980; Non-Residential Outdoor: 1,327; Striped Parking Area:

OffRoad Equipment

	Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition		Concrete/Industrial Saws	1	8.00	81	0.73
Demolition		Rubber Tired Dozers	1	8.00	247	0.40
Demolition		Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading		Graders	1	6.00	187	0.41
Grading		Rubber Tired Dozers	1	6.00	247	0.40
Grading		Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction		Cranes	1	6.00	231	0.29
Building Construction		Forklifts	1	6.00	89	0.20
Building Construction		Generator Sets	1	8.00	84	0.74
Building Construction		Tractors/Loaders/Backhoes	1	6.00	97	0.37

Building Construction	Welders	3	8.00	40	0.45
Architectural Coating	Air Compressors	1	6.00	70	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition		5	13.00	0.00	570.00	14.70	6.90	30.00LD_Mix	HDT_Mix	HHDT
Grading		3	8.00	0.00	1,700.00	14.70	6.90	30.00LD_Mix	HDT_Mix	HHDT
Building Construction		7	192.00	38.00	0.00	14.70	6.90	20.00LD_Mix	HDT_Mix	HHDT
Architectural Coating		1	38.00	0.00	0.00	14.70	6.90	20.00LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Fugitive Dust					0.0244	0.0000	0.0244	3.6900e-003	0.0000	3.6900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.1477	0.1087	1.8000e-004		7.8100e-003	7.8100e-003	7.2900e-003	7.2900e-003	7.2900e-003	0.0000	15.8035	15.8035	4.0400e-003	0.0000	15.9045
Total	0.0150	0.1477	0.1087	1.8000e-004	0.0244	7.8100e-003	0.0322	3.6900e-003	7.2900e-003	0.0110	0.0000	15.8035	15.8035	4.0400e-003	0.0000	15.9045

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.3600e-003	0.1053	0.0257	3.2000e-004	7.3400e-003	3.5000e-004	7.6900e-003	2.0200e-003	3.3000e-004	2.3500e-003	0.0000	31.1900	31.1900	2.0500e-003	0.0000	31.2412
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	3.3000e-004	3.6900e-003	1.0000e-005	1.0700e-003	1.0000e-005	1.0800e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.9642	0.9642	3.0000e-005	0.0000	0.9649
Total	3.7800e-003	0.1056	0.0294	3.3000e-004	8.4100e-003	3.6000e-004	8.7700e-003	2.3000e-003	3.4000e-004	2.6400e-003	0.0000	32.1542	32.1542	2.0800e-003	0.0000	32.2061

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.0400e-003	0.0000	9.0400e-003	1.3700e-003	0.0000	1.3700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.1477	0.1087	1.8000e-004		7.8100e-003	7.8100e-003		7.2900e-003	7.2900e-003	0.0000	15.8035	15.8035	4.0400e-003	0.0000	15.9045
Total	0.0150	0.1477	0.1087	1.8000e-004	9.0400e-003	7.8100e-003	0.0169	1.3700e-003	7.2900e-003	8.6600e-003	0.0000	15.8035	15.8035	4.0400e-003	0.0000	15.9045

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	3.3600e-003	0.1053	0.0257	3.2000e-004	4.8000e-003	3.5000e-004	5.1500e-003	1.3900e-003	3.3000e-004	1.7300e-003	0.0000	31.1900	31.1900	2.0500e-003	0.0000	31.2412
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	3.3000e-004	3.6900e-003	1.0000e-005	6.4000e-004	1.0000e-005	6.5000e-004	1.8000e-004	1.0000e-005	1.9000e-004	0.0000	0.9642	0.9642	3.0000e-005	0.0000	0.9649
Total	3.7800e-003	0.1056	0.0294	3.3000e-004	5.4400e-003	3.6000e-004	5.8000e-003	1.5700e-003	3.4000e-004	1.9200e-003	0.0000	32.1542	32.1542	2.0800e-003	0.0000	32.2061

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1982	0.0000	0.1982	0.1082	0.0000	0.1082	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0560	0.6234	0.2754	6.1000e-004		0.0278	0.0278		0.0255	0.0255	0.0000	53.8689	53.8689	0.0174	0.0000	54.3045
Total	0.0560	0.6234	0.2754	6.1000e-004	0.1982	0.0278	0.2260	0.1082	0.0255	0.1338	0.0000	53.8689	53.8689	0.0174	0.0000	54.3045

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0100	0.3140	0.0766	9.4000e-004	0.0219	1.0400e-003	0.0229	6.0100e-003	9.9000e-004	7.0100e-003	0.0000	93.0227	93.0227	6.1100e-003	0.0000	93.1755
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-003	1.1700e-003	0.0132	4.0000e-005	3.8100e-003	3.0000e-005	3.8400e-003	1.0100e-003	3.0000e-005	1.0400e-003	0.0000	3.4414	3.4414	1.0000e-004	0.0000	3.4440

Total	0.0115	0.3151	0.0898	9.8000e-004	0.0257	1.0700e-003	0.0268	7.0200e-003	1.0200e-003	8.0500e-003	0.0000	96.4641	96.4641	6.2100e-003	0.0000	96.6195
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0734	0.0000	0.0734	0.0401	0.0000	0.0401	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0560	0.6234	0.2754	6.1000e-004		0.0278	0.0278		0.0255	0.0255	0.0000	53.8689	53.8689	0.0174	0.0000	54.3044
Total	0.0560	0.6234	0.2754	6.1000e-004	0.0734	0.0278	0.1012	0.0401	0.0255	0.0656	0.0000	53.8689	53.8689	0.0174	0.0000	54.3044

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0100	0.3140	0.0766	9.4000e-004	0.0143	1.0400e-003	0.0154	4.1500e-003	9.9000e-004	5.1500e-003	0.0000	93.0227	93.0227	6.1100e-003	0.0000	93.1755
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-003	1.1700e-003	0.0132	4.0000e-005	2.2900e-003	3.0000e-005	2.3200e-003	6.4000e-004	3.0000e-005	6.7000e-004	0.0000	3.4414	3.4414	1.0000e-004	0.0000	3.4440
Total	0.0115	0.3151	0.0898	9.8000e-004	0.0166	1.0700e-003	0.0177	4.7900e-003	1.0200e-003	5.8200e-003	0.0000	96.4641	96.4641	6.2100e-003	0.0000	96.6195

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0471	0.3545	0.3354	5.7000e-004		0.0178	0.0178		0.0172	0.0172	0.0000	47.2024	47.2024	8.4300e-003	0.0000	47.4131
Total	0.0471	0.3545	0.3354	5.7000e-004		0.0178	0.0178		0.0172	0.0172	0.0000	47.2024	47.2024	8.4300e-003	0.0000	47.4131

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0700e-003	0.0975	0.0264	2.5000e-004	6.2200e-003	2.0000e-004	6.4200e-003	1.8000e-003	1.9000e-004	1.9900e-003	0.0000	24.3539	24.3539	1.4900e-003	0.0000	24.3912
Worker	0.0215	0.0167	0.1888	5.5000e-004	0.0547	4.5000e-004	0.0552	0.0145	4.2000e-004	0.0149	0.0000	49.3667	49.3667	1.4500e-003	0.0000	49.4031
Total	0.0246	0.1142	0.2152	8.0000e-004	0.0609	6.5000e-004	0.0616	0.0163	6.1000e-004	0.0169	0.0000	73.7206	73.7206	2.9400e-003	0.0000	73.7943

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Off-Road	0.0471	0.3645	0.3354	5.7000e-004		0.0178	0.0178		0.0172	0.0172	0.0000	47.2023	47.2023	8.4300e-003	0.0000	47.4130
Total	0.0471	0.3545	0.3354	5.7000e-004		0.0178	0.0178		0.0172	0.0172	0.0000	47.2023	47.2023	8.4300e-003	0.0000	47.4130

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0700e-003	0.0975	0.0264	2.5000e-004	4.2000e-003	2.0000e-004	4.4000e-003	1.3000e-003	1.9000e-004	1.4900e-003	0.0000	24.3539	24.3539	1.4900e-003	0.0000	24.3912
Worker	0.0215	0.0167	0.1888	5.5000e-004	0.0329	4.5000e-004	0.0333	9.1800e-003	4.2000e-004	9.5900e-003	0.0000	49.3667	49.3667	1.4500e-003	0.0000	49.4031
Total	0.0246	0.1142	0.2152	8.0000e-004	0.0371	6.5000e-004	0.0377	0.0105	6.1000e-004	0.0111	0.0000	73.7206	73.7206	2.9400e-003	0.0000	73.7943

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2143	1.6254	1.6544	2.8700e-003		0.0766	0.0766		0.0740	0.0740	0.0000	236.0500	236.0500	0.0411	0.0000	237.0778
Total	0.2143	1.6254	1.6544	2.8700e-003		0.0766	0.0766		0.0740	0.0740	0.0000	236.0500	236.0500	0.0411	0.0000	237.0778

Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Vendor	0.0144	0.4632	0.1251	1.2400e-003	0.0210	8.7000e-004	0.0219	6.4900e-003	8.3000e-004	7.3300e-003	0.0000	120.6998	120.6998	7.2100e-003	0.0000	120.8800
Worker	0.1007	0.0755	0.8697	2.6300e-003	0.1645	2.1800e-003	0.1666	0.0459	2.0100e-003	0.0479	0.0000	238.1570	238.1570	6.5600e-003	0.0000	238.3210
Total	0.1151	0.5387	0.9947	3.8700e-003	0.1855	3.0500e-003	0.1885	0.0524	2.8400e-003	0.0552	0.0000	358.8568	358.8568	0.0138	0.0000	359.2010

3.4 Building Construction - 2023

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1980	1.5224	1.6394	2.8700e-003		0.0669	0.0669		0.0646	0.0646	0.0000	236.0789	236.0789	0.0401	0.0000	237.0811
Total	0.1980	1.5224	1.6394	2.8700e-003		0.0669	0.0669		0.0646	0.0646	0.0000	236.0789	236.0789	0.0401	0.0000	237.0811

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0107	0.3500	0.1122	1.2000e-003	0.0311	4.1000e-004	0.0315	8.9800e-003	3.9000e-004	9.3700e-003	0.0000	116.9211	116.9211	6.3700e-003	0.0000	117.0804

Worker	0.0947	0.0683	0.7997	2.5400e-003	0.2735	2.1200e-003	0.2756	0.0726	1.9500e-003	0.0746	0.0000	229.4422	229.4422	5.9100e-003	0.0000	229.5899
Total	0.1054	0.4183	0.9119	3.7400e-003	0.3046	2.5300e-003	0.3072	0.0816	2.3400e-003	0.0840	0.0000	346.3633	346.3633	0.0123	0.0000	346.6703

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr															
Off-Road	0.1980	1.5224	1.6394	2.8700e-003		0.0669	0.0669		0.0646	0.0646	0.0000	236.0786	236.0786	0.0401	0.0000	237.0808
Total	0.1980	1.5224	1.6394	2.8700e-003		0.0669	0.0669		0.0646	0.0646	0.0000	236.0786	236.0786	0.0401	0.0000	237.0808

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0107	0.3500	0.1122	1.2000e-003	0.0210	4.1000e-004	0.0214	6.4900e-003	3.9000e-004	6.8900e-003	0.0000	116.9211	116.9211	6.3700e-003	0.0000	117.0804
Worker	0.0947	0.0683	0.7997	2.5400e-003	0.1645	2.1200e-003	0.1666	0.0459	1.9500e-003	0.0478	0.0000	229.4422	229.4422	5.9100e-003	0.0000	229.5899
Total	0.1054	0.4183	0.9119	3.7400e-003	0.1855	2.5300e-003	0.1880	0.0524	2.3400e-003	0.0547	0.0000	346.3633	346.3633	0.0123	0.0000	346.6703

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0873	0.6804	0.7698	1.3600e-003		0.0277	0.0277		0.0267	0.0267	0.0000	111.6909	111.6909	0.0186	0.0000	112.1559
Total	0.0873	0.6804	0.7698	1.3600e-003		0.0277	0.0277		0.0267	0.0267	0.0000	111.6909	111.6909	0.0186	0.0000	112.1559

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.9300e-003	0.1649	0.0515	5.7000e-004	0.0147	1.9000e-004	0.0149	4.2500e-003	1.8000e-004	4.4300e-003	0.0000	55.0923	55.0923	2.9700e-003	0.0000	55.1666
Worker	0.0424	0.0295	0.3523	1.1600e-003	0.1294	9.9000e-004	0.1304	0.0344	9.1000e-004	0.0353	0.0000	105.1783	105.1783	2.5600e-003	0.0000	105.2423
Total	0.0474	0.1944	0.4038	1.7300e-003	0.1441	1.1800e-003	0.1453	0.0386	1.0900e-003	0.0397	0.0000	160.2706	160.2706	5.5300e-003	0.0000	160.4089

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Off-Road	0.0673	0.6804	0.7698	1.3600e-003		0.0277	0.0277		0.0267	0.0267	0.0000	111.6908	111.6908	0.0186	0.0000	112.1558
Total	0.0673	0.6804	0.7698	1.3600e-003		0.0277	0.0277		0.0267	0.0267	0.0000	111.6908	111.6908	0.0186	0.0000	112.1558

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.9300e-003	0.1649	0.0515	5.7000e-004	9.9300e-003	1.9000e-004	0.0101	3.0700e-003	1.8000e-004	3.2500e-003	0.0000	55.0923	55.0923	2.9700e-003	0.0000	55.1666
Worker	0.0424	0.0295	0.3523	1.1600e-003	0.0778	9.9000e-004	0.0788	0.0217	9.1000e-004	0.0226	0.0000	105.1783	105.1783	2.5600e-003	0.0000	105.2423
Total	0.0474	0.1944	0.4038	1.7300e-003	0.0877	1.1800e-003	0.0889	0.0248	1.0900e-003	0.0259	0.0000	160.2706	160.2706	5.5300e-003	0.0000	160.4089

3.5 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5970					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0111	0.0750	0.1113	1.8000e-004		3.7500e-003	3.7500e-003		3.7500e-003	3.7500e-003	0.0000	15.7025	15.7025	8.8000e-004	0.0000	15.7246
Total	0.6081	0.0750	0.1113	1.8000e-004		3.7500e-003	3.7500e-003		3.7500e-003	3.7500e-003	0.0000	15.7025	15.7025	8.8000e-004	0.0000	15.7246

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4000e-003	5.8300e-003	0.0697	2.3000e-004	0.0256	2.0000e-004	0.0258	6.8000e-003	1.8000e-004	6.9800e-003	0.0000	20.8165	20.8165	5.1000e-004	0.0000	20.8292
Total	8.4000e-003	5.8300e-003	0.0697	2.3000e-004	0.0256	2.0000e-004	0.0258	6.8000e-003	1.8000e-004	6.9800e-003	0.0000	20.8165	20.8165	5.1000e-004	0.0000	20.8292

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5970					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0111	0.0750	0.1113	1.8000e-004		3.7500e-003	3.7500e-003		3.7500e-003	3.7500e-003	0.0000	15.7025	15.7025	8.8000e-004	0.0000	15.7246
Total	0.6081	0.0750	0.1113	1.8000e-004		3.7500e-003	3.7500e-003		3.7500e-003	3.7500e-003	0.0000	15.7025	15.7025	8.8000e-004	0.0000	15.7246

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4000e-003	5.8300e-003	0.0697	2.3000e-004	0.0154	2.0000e-004	0.0156	4.3000e-003	1.8000e-004	4.4800e-003	0.0000	20.8165	20.8165	20.8292
Total	8.4000e-003	5.8300e-003	0.0697	2.3000e-004	0.0154	2.0000e-004	0.0156	4.3000e-003	1.8000e-004	4.4800e-003	0.0000	20.8165	20.8165	20.8292

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2873	1.3059	3.9510	0.0150	1.2760	0.0113	1.2873	0.3420	0.0106	0.3526	0.0000	1,383.3388	1,383.3388	0.0679	0.0000	1,385.0359
Unmitigated	0.2873	1.3059	3.9510	0.0150	1.2760	0.0113	1.2873	0.3420	0.0106	0.3526	0.0000	1,383.3388	1,383.3388	0.0679	0.0000	1,385.0359

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	950.95	950.95	950.95	3,247,575	3,247,575
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	83.91	83.91	83.91	114,361	114,361
Total	1,034.86	1,034.86	1,034.86	3,361,936	3,361,936

4.3 Trip Type Information

	Miles		Trip %			Trip Purpose %			
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive Thr	16.60	8.40	6.90	1.50	79.50	19.00	51	37	12
High Turnover (Sit Down Restaurant	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.54584	0.04476	0.20528	0.11931	0.01536	0.00622	0.02046	0.03133	0.00254	0.00213	0.00518	0.00069	0.00086
Enclosed Parking with Elevator	0.54584	0.04476	0.20528	0.11931	0.01536	0.00622	0.02046	0.03133	0.00254	0.00213	0.00518	0.00069	0.00086
Fast Food Restaurant w/o Drive Thru	0.54584	0.04476	0.20528	0.11931	0.01536	0.00622	0.02046	0.03133	0.00254	0.00213	0.00518	0.00069	0.00086
High Turnover (Sit Down Restaurant)	0.54584	0.04476	0.20528	0.11931	0.01536	0.00622	0.02046	0.03133	0.00254	0.00213	0.00518	0.00069	0.00086

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO ₂	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO ₂	NBio- CO ₂	Total CO ₂	CH ₄	N ₂ O	CO _{2e}
Category	tons/yr										MT/yr					
Electricity						0.0000	0.0000		0.0000	0.0000	0.0000	838.2138	838.2138	0.0198	4.1000e-003	839.9293
Mitigated Electricity						0.0000	0.0000		0.0000	0.0000	0.0000	838.2138	838.2138	0.0198	4.1000e-003	839.9293
Unmitigated Natural Gas Mitigated	0.0137	0.1188	0.0630	7.5000e-004		9.4600e-003	9.4600e-003		9.4600e-003	9.4600e-003	0.0000	135.4665	135.4665	2.6000e-003	2.4800e-003	136.2715

NaturalGas	0.0137	0.1188	0.0630	7.5000e-004	9.4600e-003	9.4600e-003	9.4600e-003	0.0000	135.4665	135.4665	2.6000e-003	2.4800e-003	136.2715
Unmitigated													

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr											MT/yr				
Apartments Mid Rise	1.92634e+006	0.0104	0.0888	0.0378	5.7000e-004	7.1800e-003	7.1800e-003	7.1800e-003	7.1800e-003	7.1800e-003	7.1800e-003	0.0000	102.7969	102.7969	1.9700e-003	1.8800e-003	103.4077
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Restaurant w/o High Turnover (Sit Down Restaurant)	612206	3.3000e-003	0.0300	0.0252	1.8000e-004	2.2800e-003	2.2800e-003	2.2800e-003	2.2800e-003	2.2800e-003	2.2800e-003	0.0000	32.6697	32.6697	6.3000e-004	6.0000e-004	32.8638
Total		0.0137	0.1188	0.0630	7.5000e-004	9.4600e-003	9.4600e-003	9.4600e-003	9.4600e-003	9.4600e-003	9.4600e-003	0.0000	135.4665	135.4665	2.6000e-003	2.4800e-003	136.2715

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr											MT/yr				
Apartments Mid Rise	1.92634e+006	0.0104	0.0888	0.0378	5.7000e-004	7.1800e-003	7.1800e-003	7.1800e-003	7.1800e-003	7.1800e-003	7.1800e-003	0.0000	102.7969	102.7969	1.9700e-003	1.8800e-003	103.4077
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Restaurant w/o High Turnover (Sit Down Restaurant)	612206	3.3000e-003	0.0300	0.0252	1.8000e-004	2.2800e-003	2.2800e-003	2.2800e-003	2.2800e-003	2.2800e-003	2.2800e-003	0.0000	32.6697	32.6697	6.3000e-004	6.0000e-004	32.8638
Total		0.0137	0.1188	0.0630	7.5000e-004	9.4600e-003	9.4600e-003	9.4600e-003	9.4600e-003	9.4600e-003	9.4600e-003	0.0000	135.4665	135.4665	2.6000e-003	2.4800e-003	136.2715

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	827657	460.9730	0.0109	2.2500e-003	461.9164
Enclosed Parking with Elevator	560216	312.0188	7.3700e-003	1.5200e-003	312.6573
Fast Food	0	0.0000	0.0000	0.0000	0.0000
Restaurant w/o High Turnover (Sit Down Restaurant)	117103	65.2221	1.5400e-003	3.2000e-004	65.3556
Total		838.2138	0.0198	4.0900e-003	839.9293

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	827657	460.9730	0.0109	2.2500e-003	461.9164
Enclosed Parking with Elevator	560216	312.0188	7.3700e-003	1.5200e-003	312.6573
Fast Food	0	0.0000	0.0000	0.0000	0.0000
Restaurant w/o High Turnover (Sit Down Restaurant)	117103	65.2221	1.5400e-003	3.2000e-004	65.3556
Total		838.2138	0.0198	4.0900e-003	839.9293

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8006	0.0249	2.1589	1.1000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	3.5267	3.5267	3.4000e-003	0.0000	3.6118
Unmitigated	0.8006	0.0249	2.1589	1.1000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	3.5267	3.5267	3.4000e-003	0.0000	3.6118

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Consumer Products	0.6757					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Landscaping	0.0652	0.0249	2.1589	1.1000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	3.5267	3.5267	3.4000e-003	0.0000	3.6118
Total	0.8006	0.0249	2.1589	1.1000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	3.5267	3.5267	3.4000e-003	0.0000	3.6118

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural	0.0597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Coating																
Consumer Products	0.6757					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Landscaping	0.0652	0.0249	2.1589	1.1000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	3.5267	3.5267	3.4000e-003	0.0000	3.6118
Total	0.8006	0.0249	2.1589	1.1000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	3.5267	3.5267	3.4000e-003	0.0000	3.6118

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	162.6020	0.4737	0.0119	177.9802
Unmitigated	162.6020	0.4737	0.0119	177.9802

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	13.6172 / 8.58475	156.1957	0.4473	0.0112	170.7217
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food	0 / 0	0.0000	0.0000	0.0000	0.0000
Restaurant w/o High Turnover (Sit Down Restaurant)	0.804364 / 0.0513424	6.4063	0.0264	6.5000e-004	7.2586
Total		162.6020	0.4737	0.0119	177.9802

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	13.6172 / 8.58475	156.1957	0.4473	0.0112	170.7217
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food	0 / 0	0.0000	0.0000	0.0000	0.0000
Restaurant w/o High Turnover (Sit Down Restaurant)	0.804364 / 0.0513424	6.4063	0.0264	6.5000e-004	7.2586
Total		162.6020	0.4737	0.0119	177.9802

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	25.9179	1.5317	0.0000	64.2105
Unmitigated	25.9179	1.5317	0.0000	64.2105

8.2 Waste by Land Use
Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartment's Mid Rise	96.14	19.5156	1.1533	0.0000	48.3490
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o High Turnover (Sit Down Restaurant)	0	0.0000	0.0000	0.0000	0.0000
	31.54	6.4023	0.3784	0.0000	15.8615
Total		25.9179	1.5317	0.0000	64.2105

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	96.14	19.5156	1.1533	0.0000	48.3490
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	31.54	6.4023	0.3784	0.0000	15.8615
Total		25.9179	1.5317	0.0000	64.2105

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

800 South Fairfax Avenue Future - Los Angeles-South Coast County, Winter

800 South Fairfax Avenue Future

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	239.00	Space	0.00	95,600.00	0
Fast Food Restaurant w/o Drive Thru	0.00	1000sqft	0.00	0.00	0
High Turnover (Sit Down Restaurant)	2.65	1000sqft	0.05	2,653.00	0
Apartments Mid Rise	209.00	Dwelling Unit	1.00	182,632.00	573

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW/hr)	1227.89	CH4 Intensity (lb/MW/hr)	0.029	N2O Intensity (lb/MW/hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Developer information. Population based on 2.79 persons per dwelling unit

Construction Phase - Developer information

Trips and VMT - Assumes 10 CY capacity per haul truck

Demolition - Assumes 5,700 cubic yards of material at 800 lb/CY

Grading - Developer information

Vehicle Trips - Overland Traffic Consultants Inc. CEQA Transportation Assessment; December 2020

Woodstoves - Developer information

Construction Off-road Equipment Mitigation - Assumes SCAQMD Rule 403 control efficiencies for fugitive dust

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	46
tblConstructionPhase	NumDays	10.00	123.00
tblConstructionPhase	NumDays	200.00	695.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	4.00	87.00
tblFireplaces	NumberGas	177.65	0.00
tblFireplaces	NumberNoFireplace	20.90	209.00
tblFireplaces	NumberWood	10.45	0.00
tblGrading	AcresOfGrading	32.63	1.50
tblGrading	MaterialExported	0.00	17,000.00
tblLandUse	LandUseSquareFeet	209,000.00	182,632.00
tblLandUse	LotAcreage	2.15	0.00
tblLandUse	LotAcreage	0.06	0.05
tblLandUse	LotAcreage	5.50	1.00
tblLandUse	Population	598.00	573.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripNumber	225.00	570.00
tblTripsAndVMT	HaulingTripNumber	2,125.00	1,700.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00
tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	ST_TR	6.39	4.55
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	ST_TR	158.37	31.63
tblVehicleTrips	SU_TR	5.86	4.55

Year	lb/day										lb/day					
2021	2.8493	33.5132	21.0368	0.0675	2.0761	1.0888	3.0307	1.0334	1.0173	1.6439	0.0000	7,013.9328	7,013.9328	0.9036	0.0000	7,036.6217
2022	2.6223	16.5676	20.2485	0.0514	1.4514	0.6125	2.0639	0.4090	0.5908	0.9998	0.0000	4,994.8033	4,994.8033	0.4666	0.0000	5,006.4678
2023	2.4179	14.8719	19.4944	0.0504	1.4514	0.5341	1.9855	0.4090	0.5149	0.9239	0.0000	4,891.1082	4,891.1082	0.4449	0.0000	4,902.2301
2024	12.3111	15.4818	21.8731	0.0564	1.7063	0.5339	2.2403	0.4799	0.5165	0.9964	0.0000	5,476.5513	5,476.5513	0.4582	0.0000	5,488.0054
Maximum	12.3111	33.5132	21.8731	0.0675	2.0761	1.0888	3.0307	1.0334	1.0173	1.6439	0.0000	7,013.9328	7,013.9328	0.9036	0.0000	7,036.6217
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	47.57	0.00	38.25	50.21	0.00	34.00	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Area	4.5515	0.1990	17.2713	9.1000e-004		0.0956	0.0956		0.0956	0.0956	0.0000	31.1003	31.1003	0.0300	0.0000	31.8502
Energy	0.0750	0.6508	0.3451	4.0900e-003		0.0518	0.0518		0.0518	0.0518		818.2262	818.2262	0.0157	0.0150	823.0885
Mobile	1.6160	7.0531	21.3850	0.0811	7.1489	0.0626	7.2115	1.9131	0.0582	1.9713		8,262.3102	8,262.3102	0.4126		8,272.6239
Total	6.2425	7.9030	39.0014	0.0861	7.1489	0.2099	7.3588	1.9131	0.2056	2.1187	0.0000	9,111.6367	9,111.6367	0.4582	0.0150	9,127.5626

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.5515	0.1990	17.2713	9.1000e-004	0.0956	0.0956	0.0956	0.0956	0.0956	0.0956	0.0000	31.1003	31.1003	0.0300	0.0000	31.8502
Energy	0.0750	0.6508	0.3451	4.0900e-003	0.0518	0.0518	0.0518	0.0518	0.0518	0.0518		818.2262	818.2262	0.0157	0.0150	823.0885
Mobile	1.6160	7.0531	21.3850	0.0811	7.1489	0.0626	7.2115	1.9131	0.0582	1.9713		8,262.3102	8,262.3102	0.4126		8,272.6239
Total	6.2425	7.9030	39.0014	0.0861	7.1489	0.2099	7.3588	1.9131	0.2056	2.1187	0.0000	9,111.6367	9,111.6367	0.4582	0.0150	9,127.5626

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2021	6/21/2021	5	15	
2	Grading	Grading	6/22/2021	10/20/2021	5	87	Including shoring
3	Building Construction	Building Construction	10/21/2021	6/19/2024	5	695	Includes concrete, framing, finishing
4	Architectural Coating	Architectural Coating	1/1/2024	6/19/2024	5	123	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 369,830; Residential Outdoor: 123,277; Non-Residential Indoor: 3,980; Non-Residential Outdoor: 1,327; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.06	81	0.73

Category	lb/day										lb/day				
Fugitive Dust					3.2527	0.0000	3.2527	0.4925	0.0000	0.4925				0.0000	0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940	2,337.5658
Total	1.9930	19.6966	14.4925	0.0241	3.2527	1.0409	4.2936	0.4925	0.9715	1.4640		2,322.7171	2,322.7171	0.5940	2,337.5658

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4528	13.7742	3.5045	0.0420	0.9963	0.0467	1.0430	0.2731	0.0447	0.3178		4,551.8231	4,551.8231	0.3055		4,559.4607
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0620	0.0424	0.4787	1.4000e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		139.3926	139.3926	4.1000e-003		139.4952
Total	0.5148	13.8166	3.9832	0.0434	1.1416	0.0479	1.1895	0.3116	0.0458	0.3574		4,691.2157	4,691.2157	0.3096		4,698.9559

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2051	0.0000	1.2051	0.1825	0.0000	0.1825			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658

Total	1.9930	19.6966	14.4925	0.0241	1.2051	1.0409	2.2460	0.1825	0.9715	1.1539	0.0000	2.322.7171	2.322.7171	0.5940		2.337.5658
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.4528	13.7742	3.5045	0.0420	0.6496	0.0467	0.6963	0.1880	0.0447	0.2327		4.551.8231	4.551.8231	0.3055		4.559.4607
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0620	0.0424	0.4787	1.4000e-003	0.0872	1.1700e-003	0.0884	0.0243	1.0800e-003	0.0254		139.3926	139.3926	4.1000e-003		139.4952
Total	0.5148	13.8166	3.9832	0.0434	0.7368	0.0479	0.7847	0.2122	0.0458	0.2580		4,691.2157	4,691.2157	0.3096		4,698.9559

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Fugitive Dust					4.5570	0.0000	4.5570	2.4880	0.0000	2.4880			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
Total	1.2884	14.3307	6.3314	0.0141	4.5570	0.6379	5.1949	2.4880	0.5869	3.0749		1,365.0648	1,365.0648	0.4415		1,376.1020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2328	7.0829	1.8021	0.0216	0.5123	0.0240	0.5363	0.1404	0.0230	0.1634		2,340.6229	2,340.6229	0.1571		2,344.5503
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	0.2710	7.1090	2.0967	0.0224	0.6017	0.0248	0.6265	0.1641	0.0237	0.1878		2,426.4030	2,426.4030	0.1596		2,430.3935

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.6884	0.0000	1.6884	0.9218	0.0000	0.9218			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	1.2884	14.3307	6.3314	0.0141	1.6884	0.6379	2.3263	0.9218	0.5869	1.5087	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	0.2328	7.0829	1.8021	0.0216	0.3340	0.0240	0.3561	0.0967	0.0230	0.1196	2,340.6229	2,340.6229	0.1571	2,344.5503
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0537	7.2000e-004	0.0544	0.0149	6.7000e-004	0.0156	85.7801	85.7801	2.5200e-003	85.8432
Total	0.2710	7.1090	2.0967	0.0224	0.3877	0.0248	0.4124	0.1116	0.0237	0.1352	2,426.4030	2,426.4030	0.1596	2,430.3935

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6643	0.6843		0.6608	0.6608	2,001.2200	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	1.8125	13.6361	12.8994	0.0221		0.6643	0.6843		0.6608	0.6608	2,001.2200	2,001.2200	2,001.2200	0.3573		2,010.1517

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.1213	3.6818	1.0669	9.5100e-003	0.2433	7.7900e-003	0.2511	0.0701	7.4500e-003	0.0775	1,015.9130	1,015.9130	1,015.9130	0.0656		1,017.5526
Worker	0.9155	0.6262	7.0705	0.0207	2.1461	0.0173	2.1635	0.5692	0.0160	0.5851	2,058.7221	2,058.7221	2,058.7221	0.0606		2,060.2366
Total	1.0368	4.3080	8.1374	0.0302	2.3894	0.0251	2.4145	0.6392	0.0234	0.6626	3,074.6351	3,074.6351	3,074.6351	0.1262		3,077.7892

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6643	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	1.8125	13.6361	12.8994	0.0221		0.6643	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.1213	3.6818	1.0669	9.5100e-003	0.1636	7.7900e-003	0.1713	0.0505	7.4500e-003	0.0579	1,015.9130	1,015.9130	0.0656			1,017.5526
Worker	0.9155	0.6262	7.0705	0.0207	1.2879	0.0173	1.3052	0.3585	0.0160	0.3745	2,058.7221	2,058.7221	0.0606			2,060.2366
Total	1.0368	4.3080	8.1374	0.0302	1.4514	0.0251	1.4765	0.4090	0.0234	0.4324		3,074.6351	3,074.6351	0.1262		3,077.7892

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5689	0.5689		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581
Total	1.6487	12.5031	12.7264	0.0221		0.5689	0.5689		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1138	3.4990	1.0099	9.4200e-003	0.2433	6.8100e-003	0.2501	0.0701	6.5100e-003	0.0766		1,006.8871	1,006.8871	0.0633		1,008.4691
Worker	0.8599	0.5655	6.5122	0.0199	2.1461	0.0168	2.1629	0.5692	0.0155	0.5846		1,986.3734	1,986.3734	0.0547		1,987.7407
Total	0.9737	4.0645	7.5221	0.0294	2.3894	0.0236	2.4130	0.6392	0.0220	0.6612		2,993.2604	2,993.2604	0.1180		2,996.2098

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5689	0.5689		0.5689	0.5689	0.0000	2,001.5429	2,001.5429	0.3486		2,010.2581

Total	1.6487	12.5031	12.7264	0.0221		0.5689	0.5689		0.5689	0.5689	0.0000	2,001.5429	2,001.5429	0.3486		2,010.2581
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1138	3.4990	1.0099	9.4200e-003	0.1636	6.8100e-003	0.1704	0.0505	6.5100e-003	0.0570		1,006.8871	1,006.8871	0.0633		1,008.4691
Worker	0.8599	0.5655	6.5122	0.0199	1.2879	0.0168	1.3047	0.3585	0.0155	0.3740		1,986.3734	1,986.3734	0.0547		1,987.7407
Total	0.9737	4.0645	7.5221	0.0294	1.4514	0.0236	1.4750	0.4090	0.0220	0.4310		2,993.2604	2,993.2604	0.1180		2,996.2098

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0846	2.6501	0.8974	9.1100e-003	0.2433	3.2300e-003	0.2465	0.0701	3.0900e-003	0.0731		975.6170	975.6170	0.0567		977.0097
Worker	0.8101	0.5115	5.9859	0.0192	2.1461	0.0163	2.1624	0.5692	0.0150	0.5842		1,913.7036	1,913.7035	0.0493		1,914.9347
Total	0.8946	3.1616	6.8833	0.0283	2.3894	0.0196	2.4090	0.6392	0.0181	0.6573		2,889.3205	2,889.3205	0.1050		2,891.9444

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0846	2.6501	0.8974	9.1100e-003	0.1636	3.2300e-003	0.1668	0.0505	3.0900e-003	0.0536	975.6170	975.6170	0.0567	977.0097					
Worker	0.8101	0.5115	5.9859	0.0192	1.2879	0.0163	1.3042	0.3585	0.0150	0.3735	1,913.7035	1,913.7035	0.0493	1,914.9347					
Total	0.8946	3.1616	6.8833	0.0283	1.4514	0.0196	1.4710	0.4090	0.0181	0.4271	2,889.3205	2,889.3205	0.1050	2,891.9444					

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Off-Road	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	2,001.9214	2,001.9214	0.3334			2,010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	2,001.9214	2,001.9214	0.3334			2,010.2563

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Vendor	0.0825	2.6406	0.8702	9.0700e-003	0.2433	3.1800e-003	0.2465	0.0701	3.0400e-003	0.0731	971.8332	971.8332	0.0549	973.2048		
Worker	0.7687	0.4663	5.5727	0.0186	2.1461	0.0161	2.1622	0.5692	0.0148	0.5840	1,854.3433	1,854.3433	0.0451	1,855.4714		
Total	0.8512	3.1069	6.4429	0.0277	2.3894	0.0193	2.4087	0.6392	0.0179	0.6571	2,826.1764	2,826.1764	0.1000	2,828.6761		

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0825	2.6406	0.8702	9.0700e-003	0.1636	3.1800e-003	0.1668	0.0505	3.0400e-003	0.0535		971.8332	971.8332	0.0549		973.2048
Worker	0.7687	0.4663	5.5727	0.0186	1.2879	0.0161	1.3039	0.3585	0.0148	0.3733		1,854.3433	1,854.3433	0.0451		1,855.4714
Total	0.8512	3.1069	6.4429	0.0277	1.4514	0.0193	1.4707	0.4090	0.0179	0.4268		2,826.1764	2,826.1764	0.1000		2,828.6761

3.5 Architectural Coating - 2024
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Archit. Coating	9.7070					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	9.8878	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1521	0.0923	1.1029	3.6800e-003	0.4248	3.1800e-003	0.4279	0.1127	2.9300e-003	0.1156		367.0054	367.0054	8.9300e-003		367.2287
Total	0.1521	0.0923	1.1029	3.6800e-003	0.4248	3.1800e-003	0.4279	0.1127	2.9300e-003	0.1156		367.0054	367.0054	8.9300e-003		367.2287

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Archit. Coating	9.7070					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

Total	9.8878	1.2188	1.8101	2.9700e-003	0.0609	0.0609	0.0609	0.0609	0.0000	281.4481	281.4481	0.0159	281.8443
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1521	0.0923	1.1029	3.6800e-003	0.2549	3.1800e-003	0.2581	0.0710	2.9300e-003	0.0739		367.0054	367.0054	8.9300e-003		367.2287
Total	0.1521	0.0923	1.1029	3.6800e-003	0.2549	3.1800e-003	0.2581	0.0710	2.9300e-003	0.0739		367.0054	367.0054	8.9300e-003		367.2287

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day															
Mitigated	1.6160	7.0531	21.3850	0.0811	7.1489	0.0626	7.2115	1.9131	0.0582	1.9713	8,262.3102	8,262.3102	0.4126			8,272.6239
Unmitigated	1.6160	7.0531	21.3850	0.0811	7.1489	0.0626	7.2115	1.9131	0.0582	1.9713	8,262.3102	8,262.3102	0.4126			8,272.6239

4.2 Trip Summary Information

		Average Daily Trip Rate			Unmitigated	Mitigated
Land Use		Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise		950.95	950.95	950.95	3,247,575	3,247,575
Enclosed Parking with Elevator		0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru		0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)		83.91	83.91	83.91	114,361	114,361
Total		1,034.86	1,034.86	1,034.86	3,361,936	3,361,936

4.3 Trip Type Information

		Miles			Trip %			Trip Purpose %		
Land Use		H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise		14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Enclosed Parking with Elevator		16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive Thru		16.60	8.40	6.90	1.50	79.50	19.00	51	37	12
High Turnover (Sit Down Restaurant)		16.60	8.40	6.90	8.50	72.50	19.00	37	20	43

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.545842	0.044766	0.205286	0.119311	0.015356	0.006227	0.020466	0.031333	0.002546	0.002133	0.005185	0.000693	0.000862
Enclosed Parking with Elevator	0.545842	0.044766	0.205286	0.119311	0.015356	0.006227	0.020466	0.031333	0.002546	0.002133	0.005185	0.000693	0.000862
Fast Food Restaurant w/o Drive Thru	0.545842	0.044766	0.205286	0.119311	0.015356	0.006227	0.020466	0.031333	0.002546	0.002133	0.005185	0.000693	0.000862
High Turnover (Sit Down Restaurant)	0.545842	0.044766	0.205286	0.119311	0.015356	0.006227	0.020466	0.031333	0.002546	0.002133	0.005185	0.000693	0.000862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas	0.0750	0.6508	0.3451	4.0900e-003		0.0518	0.0518		0.0518	0.0518		818.2262	818.2262	0.0157	0.0150	823.0885
Mitigated																
NaturalGas	0.0750	0.6508	0.3451	4.0900e-003		0.0518	0.0518		0.0518	0.0518		818.2262	818.2262	0.0157	0.0150	823.0885
Unmitigated																

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartment Mid Rise	5277.65	0.0569	0.4864	0.2070	3.1000e-003		0.0393	0.0393		0.0393	0.0393		620.8994	620.8994	0.0119	0.0114	624.5891
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Restaurant w/o High Turnover (Sit Down Restaurant)	1677.28	0.0181	0.1644	0.1381	9.9000e-004		0.0125	0.0125		0.0125	0.0125		197.3268	197.3268	3.7800e-003	3.6200e-003	198.4994
Total		0.0750	0.6508	0.3451	4.0900e-003		0.0518	0.0518		0.0518	0.0518		818.2262	818.2262	0.0157	0.0150	823.0885

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartment Mid Rise	5.27765	0.0569	0.4864	0.2070	3.1000e-003		0.0393	0.0393		0.0393	0.0393		620.8994	620.8994	0.0119	0.0114	624.5891

Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.5219	0.1990	17.2713	9.1000e-004		0.0956	0.0956		0.0956	0.0956		0.0956	0.0956	31.1003	31.1003	31.8502
Total	4.5515	0.1990	17.2713	9.1000e-004		0.0956	0.0956		0.0956	0.0956		0.0956	0.0956	31.1003	31.1003	31.8502

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3271					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.7025					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.5219	0.1990	17.2713	9.1000e-004		0.0956	0.0956		0.0956	0.0956		31.1003	31.1003	0.0300		31.8502
Total	4.5515	0.1990	17.2713	9.1000e-004		0.0956	0.0956		0.0956	0.0956	0.0000	31.1003	31.1003	0.0300	0.0000	31.8502

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

800 South Fairfax Avenue

GHG Emissions Impact Compared to "Project Without GHG Reduction Features"

Source	Base Project Without GHG Reduction Features	As Proposed (2024)	Reduction from Base Project Without GHG Reduction Features	Change from Base Project Without GHG Reduction Features
Area	4	4	-	0%
Energy	976	976	-	0%
Mobile	1,801	1,385	(416)	-23%
Waste	128	64	-	-50%
Water	222	178	-	-20%
Construction	60	60	-	0%
Total Emissions	3,192	2,667	(524)	-16.4%

Source	Base Project Without GHG Reduction Features	As Proposed	Difference
Land Use	Same as proposed	209 DU, 2350 sf restaurant	None
Traffic/Mobile	1,538 gross ADT	1,183 gross ADT	23% reduction from Base Project scenario
Area	Same as proposed	Project assumptions	None
Energy	Same as proposed	Project assumptions	None
Waste	No reduction in construction waste	Reduce construction waste by 50%	50% reduction in construction waste
Water	No reduction in water use	20% reduction in potable water use.	20% reduction in potable water use.
Construction	Same as proposed	Project assumptions	None