

1911 West Sunset Boulevard Existing - Los Angeles-South Coast County, Summer

1911 West Sunset Boulevard 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
Medical Office Building	4.08	1000sqft	0.21	4,085.00	0
Quality Restaurant	18.00	1000sqft	0.80	18,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2019
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

Vehicle Trips - Crain & Associates traffic study trip generation tables

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	4,080.00	4,085.00
tblLandUse	LotAcreage	0.09	0.21
tblLandUse	LotAcreage	0.41	0.80
tblVehicleTrips	ST_TR	8.96	8.08

tblVehicleTrips	ST_TR	94.36	12.80
tblVehicleTrips	SU_TR	72.16	12.80
tblVehicleTrips	WD_TR	36.13	8.08
tblVehicleTrips	WD_TR	89.95	12.80

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	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003
Energy	0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611
Mobile	0.4542	1.8239	4.4739	0.0123	0.8794	0.0141	0.8935	0.2354	0.0133	0.2487		1,253.8495	1,253.8495	0.0787		1,255.8174
Total	1.0718	2.9510	5.4230	0.0191	0.8794	0.0998	0.9792	0.2354	0.0990	0.3343		2,606.3781	2,606.3781	0.1047	0.0248	2,616.3837

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	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003
Energy	0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611

Mobile	0.4542	1.8239	4.4739	0.0123	0.8794	0.0141	0.8935	0.2354	0.0133	0.2487		1,253.8495	1,253.8495	0.0787		1,255.8174
Total	1.0718	2.9510	5.4230	0.0191	0.8794	0.0998	0.9792	0.2354	0.0990	0.3343		2,606.3781	2,606.3781	0.1047	0.0248	2,616.3837

	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	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4542	1.8239	4.4739	0.0123	0.8794	0.0141	0.8935	0.2354	0.0133	0.2487		1,253.8495	1,253.8495	0.0787		1,255.8174
Unmitigated	0.4542	1.8239	4.4739	0.0123	0.8794	0.0141	0.8935	0.2354	0.0133	0.2487		1,253.8495	1,253.8495	0.0787		1,255.8174

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Medical Office Building	32.97	32.97	6.32	75,638	75,638
Quality Restaurant	230.40	230.40	230.40	328,005	328,005
Total	263.37	263.37	236.72	403,642	403,642

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
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Medical Office Building	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925
Quality Restaurant	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

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					
Natural Gas Mitigated	0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611
Natural Gas Unmitigated	0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611

5.2 Energy by Land Use - Natural Gas

Unmitigated

	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					
Medical Office Building	116.506	1.2600e-003	0.0114	9.5900e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004		13.7066	13.7066	2.6000e-004	2.5000e-004	13.7881
Quality Restaurant	11379.9	0.1227	1.1157	0.9372	6.6900e-003		0.0848	0.0848		0.0848	0.0848		1,338.8171	1,338.8171	0.0257	0.0245	1,346.7730
Total		0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611

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					
Medical Office Building	0.116506	1.2600e-003	0.0114	9.5900e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004		13.7066	13.7066	2.6000e-004	2.5000e-004	13.7881
Quality Restaurant	11.3799	0.1227	1.1157	0.9372	6.6900e-003		0.0848	0.0848		0.0848	0.0848		1,338.8171	1,338.8171	0.0257	0.0245	1,346.7730
Total		0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611

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	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003
Unmitigated	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003

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	0.0561					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4373					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2000e-004	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003
Total	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003

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	0.0561					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4373					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2000e-004	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003
Total	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003

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

1911 West Sunset Boulevard Existing - Los Angeles-South Coast County, Annual

1911 West Sunset Boulevard 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
Medical Office Building	4.08	1000sqft	0.21	4,085.00	0
Quality Restaurant	18.00	1000sqft	0.80	18,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2019
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

Vehicle Trips - Crain & Associates traffic study trip generation tables

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	4,080.00	4,085.00
tblLandUse	LotAcreage	0.09	0.21
tblLandUse	LotAcreage	0.41	0.80
tblVehicleTrips	ST_TR	8.96	8.08

tblVehicleTrips	ST_TR	94.36	12.80
tblVehicleTrips	SU_TR	72.16	12.80
tblVehicleTrips	WD_TR	36.13	8.08
tblVehicleTrips	WD_TR	89.95	12.80

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	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0901	0.0000	2.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	5.5000e-004	5.5000e-004	0.0000	0.0000	5.9000e-004
Energy	0.0226	0.2057	0.1728	1.2300e-003		0.0156	0.0156		0.0156	0.0156	0.0000	695.9972	695.9972	0.0154	6.4100e-003	698.2941
Mobile	0.0765	0.3365	0.7910	2.1200e-003	0.1532	2.5200e-003	0.1557	0.0411	2.3700e-003	0.0435	0.0000	195.0570	195.0570	0.0128	0.0000	195.3759
Waste						0.0000	0.0000		0.0000	0.0000	12.2789	0.0000	12.2789	0.7257	0.0000	30.4205
Water						0.0000	0.0000		0.0000	0.0000	1.8958	46.0974	47.9931	0.1958	4.8200e-003	54.3254
Total	0.1892	0.5422	0.9640	3.3500e-003	0.1532	0.0182	0.1714	0.0411	0.0180	0.0591	14.1747	937.1522	951.3268	0.9497	0.0112	978.4164

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	0.0901	0.0000	2.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	5.5000e-004	5.5000e-004	0.0000	0.0000	5.9000e-004

Energy	0.0226	0.2057	0.1728	1.2300e-003		0.0156	0.0156		0.0156	0.0156	0.0000	695.9972	695.9972	0.0154	6.4100e-003	698.2941
Mobile	0.0765	0.3365	0.7910	2.1200e-003	0.1532	2.5200e-003	0.1557	0.0411	2.3700e-003	0.0435	0.0000	195.0570	195.0570	0.0128	0.0000	195.3759
Waste						0.0000	0.0000		0.0000	0.0000	12.2789	0.0000	12.2789	0.7257	0.0000	30.4205
Water						0.0000	0.0000		0.0000	0.0000	1.8958	46.0974	47.9931	0.1958	4.8200e-003	54.3254
Total	0.1892	0.5422	0.9640	3.3500e-003	0.1532	0.0182	0.1714	0.0411	0.0180	0.0591	14.1747	937.1522	951.3268	0.9497	0.0112	978.4164

	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	N20	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	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0765	0.3365	0.7910	2.1200e-003	0.1532	2.5200e-003	0.1557	0.0411	2.3700e-003	0.0435	0.0000	195.0570	195.0570	0.0128	0.0000	195.3759
Unmitigated	0.0765	0.3365	0.7910	2.1200e-003	0.1532	2.5200e-003	0.1557	0.0411	2.3700e-003	0.0435	0.0000	195.0570	195.0570	0.0128	0.0000	195.3759

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Medical Office Building	32.97	32.97	6.32	75,638	75,638
Quality Restaurant	230.40	230.40	230.40	328,005	328,005

Total	263.37	263.37	236.72	403,642	403,642
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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
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Medical Office Building	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925
Quality Restaurant	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	472.0718	472.0718	0.0112	2.3100e-003	473.0379
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	472.0718	472.0718	0.0112	2.3100e-003	473.0379
NaturalGas Mitigated	0.0226	0.2057	0.1728	1.2300e-003		0.0156	0.0156		0.0156	0.0156	0.0000	223.9255	223.9255	4.2900e-003	4.1100e-003	225.2562
NaturalGas Unmitigated	0.0226	0.2057	0.1728	1.2300e-003		0.0156	0.0156		0.0156	0.0156	0.0000	223.9255	223.9255	4.2900e-003	4.1100e-003	225.2562

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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	tons/yr										MT/yr					
Medical Office Building	42524.8	2.3000e-004	2.0800e-003	1.7500e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2693	2.2693	4.0000e-005	4.0000e-005	2.2828
Quality Restaurant	4.15368e+006	0.0224	0.2036	0.1710	1.2200e-003		0.0155	0.0155		0.0155	0.0155	0.0000	221.6562	221.6562	4.2500e-003	4.0600e-003	222.9734
Total		0.0226	0.2057	0.1728	1.2300e-003		0.0156	0.0156		0.0156	0.0156	0.0000	223.9255	223.9255	4.2900e-003	4.1000e-003	225.2561

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	tons/yr										MT/yr					
Medical Office Building	42524.8	2.3000e-004	2.0800e-003	1.7500e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2693	2.2693	4.0000e-005	4.0000e-005	2.2828
Quality Restaurant	4.15368e+006	0.0224	0.2036	0.1710	1.2200e-003		0.0155	0.0155		0.0155	0.0155	0.0000	221.6562	221.6562	4.2500e-003	4.0600e-003	222.9734
Total		0.0226	0.2057	0.1728	1.2300e-003		0.0156	0.0156		0.0156	0.0156	0.0000	223.9255	223.9255	4.2900e-003	4.1000e-003	225.2561

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Medical Office Building	53064.1	29.5547	7.0000e-004	1.4000e-004	29.6152
Quality Restaurant	794520	442.5171	0.0105	2.1600e-003	443.4227

Total		472.0718	0.0112	2.3000e-003	473.0379
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Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Medical Office Building	53064.1	29.5547	7.0000e-004	1.4000e-004	29.6152
Quality Restaurant	794520	442.5171	0.0105	2.1600e-003	443.4227
Total		472.0718	0.0112	2.3000e-003	473.0379

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	0.0901	0.0000	2.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	5.5000e-004	5.5000e-004	0.0000	0.0000	5.9000e-004
Unmitigated	0.0901	0.0000	2.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	5.5000e-004	5.5000e-004	0.0000	0.0000	5.9000e-004

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	0.0102					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0798					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	2.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	5.5000e-004	5.5000e-004	0.0000	0.0000	5.9000e-004
Total	0.0901	0.0000	2.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	5.5000e-004	5.5000e-004	0.0000	0.0000	5.9000e-004

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	0.0102					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0798					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	2.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	5.5000e-004	5.5000e-004	0.0000	0.0000	5.9000e-004
Total	0.0901	0.0000	2.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	5.5000e-004	5.5000e-004	0.0000	0.0000	5.9000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	47.9931	0.1958	4.8200e-003	54.3254

Unmitigated	47.9931	0.1958	4.8200e-003	54.3254
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7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Medical Office Building	0.511961 / 0.0975163	4.4787	0.0168	4.1000e-004	5.0220
Quality Restaurant	5.46361 / 0.348741	43.5145	0.1790	4.4100e-003	49.3035
Total		47.9931	0.1958	4.8200e-003	54.3254

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Medical Office Building	0.511961 / 0.0975163	4.4787	0.0168	4.1000e-004	5.0220
Quality Restaurant	5.46361 / 0.348741	43.5145	0.1790	4.4100e-003	49.3035
Total		47.9931	0.1958	4.8200e-003	54.3254

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	12.2789	0.7257	0.0000	30.4205
Unmitigated	12.2789	0.7257	0.0000	30.4205

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Medical Office Building	44.06	8.9438	0.5286	0.0000	22.1578
Quality Restaurant	16.43	3.3351	0.1971	0.0000	8.2627
Total		12.2789	0.7257	0.0000	30.4205

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Medical Office Building	44.06	8.9438	0.5286	0.0000	22.1578
Quality Restaurant	16.43	3.3351	0.1971	0.0000	8.2627
Total		12.2789	0.7257	0.0000	30.4205

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

1911 West Sunset Boulevard Existing - Los Angeles-South Coast County, Winter

1911 West Sunset Boulevard 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
Quality Restaurant	18.00	1000sqft	0.80	18,000.00	0
Medical Office Building	4.09	1000sqft	0.21	4,085.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2019
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

Vehicle Trips - Crain & Associates traffic study trip generation tables

Table Name	Column Name	Default Value	New Value
tblLandUse	LotAcreage	0.41	0.80
tblLandUse	LotAcreage	0.09	0.21
tblVehicleTrips	ST_TR	8.96	8.08
tblVehicleTrips	ST_TR	94.36	12.80

tblVehicleTrips	SU_TR	72.16	12.80
tblVehicleTrips	WD_TR	36.13	8.08
tblVehicleTrips	WD_TR	89.95	12.80

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	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003
Energy	0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611
Mobile	0.4429	1.8512	4.4201	0.0117	0.8796	0.0143	0.8939	0.2354	0.0135	0.2489		1,190.1731	1,190.1731	0.0797		1,192.1665
Total	1.0605	2.9783	5.3692	0.0185	0.8796	0.1000	0.9796	0.2354	0.0991	0.3346		2,542.7016	2,542.7016	0.1057	0.0248	2,552.7327

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	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003
Energy	0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611
Mobile	0.4429	1.8512	4.4201	0.0117	0.8796	0.0143	0.8939	0.2354	0.0135	0.2489		1,190.1731	1,190.1731	0.0797		1,192.1665

Total	1.0605	2.9783	5.3692	0.0185	0.8796	0.1000	0.9796	0.2354	0.0991	0.3346		2,542.7016	2,542.7016	0.1057	0.0248	2,552.7327
	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	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4429	1.8512	4.4201	0.0117	0.8796	0.0143	0.8939	0.2354	0.0135	0.2489		1,190.1731	1,190.1731	0.0797		1,192.1665
Unmitigated	0.4429	1.8512	4.4201	0.0117	0.8796	0.0143	0.8939	0.2354	0.0135	0.2489		1,190.1731	1,190.1731	0.0797		1,192.1665

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Medical Office Building	33.01	33.01	6.33	75,730	75,730
Quality Restaurant	230.40	230.40	230.40	328,005	328,005
Total	263.41	263.41	236.73	403,735	403,735

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
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10

Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Medical Office Building	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925
Quality Restaurant	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

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 Mitigated	0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611
NaturalGas Unmitigated	0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611

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					
Medical Office Building	116.506	1.2600e-003	0.0114	9.5900e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004		13.7066	13.7066	2.6000e-004	2.5000e-004	13.7881
Quality Restaurant	11379.9	0.1227	1.1157	0.9372	6.6900e-003		0.0848	0.0848		0.0848	0.0848		1,338.8171	1,338.8171	0.0257	0.0245	1,346.7730
Total		0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611

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					
Medical Office Building	0.116506	1.2600e-003	0.0114	9.5900e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004		13.7066	13.7066	2.6000e-004	2.5000e-004	13.7881
Quality Restaurant	11.3799	0.1227	1.1157	0.9372	6.6900e-003		0.0848	0.0848		0.0848	0.0848		1,338.8171	1,338.8171	0.0257	0.0245	1,346.7730
Total		0.1240	1.1271	0.9468	6.7600e-003		0.0857	0.0857		0.0857	0.0857		1,352.5237	1,352.5237	0.0259	0.0248	1,360.5611

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	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003
Unmitigated	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003

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	0.0561					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4373					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2000e-004	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003
Total	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003

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	0.0561					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4373					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2000e-004	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003
Total	0.4936	2.0000e-005	2.2800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.8300e-003	4.8300e-003	1.0000e-005		5.1600e-003

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

1911 West Sunset Boulevard Future - Los Angeles-South Coast County, Summer

1911 West Sunset Boulevard 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	220.00	Space	0.00	88,000.00	0
Apartments Mid Rise	170.00	Dwelling Unit	0.90	164,610.00	486
Strip Mall	13.00	1000sqft	0.11	13,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2022
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

Construction Phase - Developer information

Off-road Equipment -

Off-road Equipment -

Grading - Assumes 45,000 cy of exported soil with 25% soils swell

Demolition - Assumes 7,816 cubic yards of building material demolished @ 800 lb/CY and 25,000 sf of asphalt parking lot @ 6" demolished @ 900 lb/CY

Trips and VMT - Demolition assumes 8,510 CY of material, including 7,816 CY of building material and 694 CY of concrete and asphalt parking lot, all exported

Vehicle Trips - Crain & Associates trip generation estimates

Woodstoves - Developer information

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

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	46
tblConstructionPhase	NumDays	10.00	65.00
tblConstructionPhase	NumDays	200.00	523.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	4.00	45.00
tblConstructionPhase	NumDays	10.00	45.00
tblConstructionPhase	NumDays	2.00	10.00
tblFireplaces	NumberGas	144.50	0.00
tblFireplaces	NumberNoFireplace	17.00	170.00
tblFireplaces	NumberWood	8.50	0.00
tblGrading	AcresOfGrading	16.88	1.01
tblGrading	MaterialExported	0.00	56,250.00
tblLandUse	LandUseSquareFeet	170,000.00	164,610.00
tblLandUse	LotAcreage	1.98	0.00
tblLandUse	LotAcreage	4.47	0.90
tblLandUse	LotAcreage	0.30	0.11
tblTripsAndVMT	HaulingTripLength	20.00	40.00
tblTripsAndVMT	HaulingTripLength	20.00	40.00
tblTripsAndVMT	HaulingTripNumber	330.00	851.00
tblTripsAndVMT	HaulingTripNumber	7,031.00	5,625.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00
tblVehicleTrips	HW_TTP	40.20	40.00

tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	50.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	45.00	50.00
tblVehicleTrips	ST_TR	6.39	4.38
tblVehicleTrips	ST_TR	42.04	28.95
tblVehicleTrips	SU_TR	5.86	4.38
tblVehicleTrips	WD_TR	6.65	4.38
tblVehicleTrips	WD_TR	44.32	28.95
tblWoodstoves	NumberCatalytic	8.50	0.00
tblWoodstoves	NumberNoncatalytic	8.50	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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	lb/day										lb/day					
2020	3.5290	74.9733	25.0495	0.1991	10.2559	1.3063	11.5622	3.7276	1.2233	4.5724	0.0000	21,414.3534	21,414.3534	1.6956	0.0000	21,456.7424
2021	2.6219	17.5174	20.3932	0.0498	2.0572	0.7061	2.7633	0.5507	0.6811	1.2318	0.0000	4,830.8848	4,830.8848	0.4690	0.0000	4,842.6091
2022	20.8208	22.9795	28.9503	0.0640	2.4261	0.9579	3.1604	0.6485	0.9094	1.4986	0.0000	6,197.3431	6,197.3431	0.8683	0.0000	6,219.0504
Maximum	20.8208	74.9733	28.9503	0.1991	10.2559	1.3063	11.5622	3.7276	1.2233	4.5724	0.0000	21,414.3534	21,414.3534	1.6956	0.0000	21,456.7424

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	lb/day										lb/day					
2020	3.5290	74.9733	25.0495	0.1991	4.6703	1.3063	5.9766	1.7677	1.2233	2.6125	0.0000	21,414.3534	21,414.3534	1.6956	0.0000	21,456.7424
2021	2.6219	17.5174	20.3932	0.0498	1.2507	0.7061	1.9568	0.3527	0.6811	1.0338	0.0000	4,830.8848	4,830.8848	0.4690	0.0000	4,842.6091
2022	20.8208	22.9795	28.9503	0.0640	1.4720	0.9579	2.2958	0.4143	0.9094	1.2864	0.0000	6,197.3431	6,197.3431	0.8683	0.0000	6,219.0504
Maximum	20.8208	74.9733	28.9503	0.1991	4.6703	1.3063	5.9766	1.7677	1.2233	2.6125	0.0000	21,414.3534	21,414.3534	1.6956	0.0000	21,456.7424

	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	49.84	0.00	41.50	48.55	0.00	32.45	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										lb/day					
Area	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174
Energy	0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517
Mobile	1.9467	9.2179	25.6097	0.0925	7.4856	0.0747	7.5603	2.0033	0.0697	2.0729		9,411.9325	9,411.9325	0.4742		9,423.7865
Total	6.2897	9.7814	39.8470	0.0958	7.4856	0.1848	7.6703	2.0033	0.1798	2.1830	0.0000	9,949.1471	9,949.1471	0.5085	9.3900e-003	9,964.6555

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	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174
Energy	0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517
Mobile	1.9467	9.2179	25.6097	0.0925	7.4856	0.0747	7.5603	2.0033	0.0697	2.0729		9,411.9325	9,411.9325	0.4742		9,423.7865
Total	6.2897	9.7814	39.8470	0.0958	7.4856	0.1848	7.6703	2.0033	0.1798	2.1830	0.0000	9,949.1471	9,949.1471	0.5085	9.3900e-003	9,964.6555

	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	7/13/2020	7/24/2020	5	10	
2	Site Preparation	Site Preparation	7/27/2020	8/7/2020	5	10	
3	Grading	Grading	8/10/2020	10/9/2020	5	45	
4	Building Construction	Building Construction	10/12/2020	10/12/2022	5	523	
5	Architectural Coating	Architectural Coating	3/12/2022	6/10/2022	5	65	
6	Paving	Paving	7/12/2022	9/12/2022	5	45	

Acres of Grading (Site Preparation Phase): 5

Acres of Grading (Grading Phase): 1.01

Acres of Paving: 0

Residential Indoor: 333,335; Residential Outdoor: 111,112; Non-Residential Indoor: 19,500; Non-Residential Outdoor: 6,500; 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	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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	851.00	14.70	6.90	40.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	5,625.00	14.70	6.90	40.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	164.00	35.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	33.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Clean Paved Roads

3.2 Demolition - 2020

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										lb/day					
Fugitive Dust					7.1366	0.0000	7.1366	1.0805	0.0000	1.0805			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761		2,322.3127	2,322.3127	0.5970		2,337.2363
Total	2.1262	20.9463	14.6573	0.0241	7.1366	1.1525	8.2891	1.0805	1.0761	2.1567		2,322.3127	2,322.3127	0.5970		2,337.2363

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	1.3430	40.7539	9.8230	0.1253	2.9741	0.1526	3.1267	0.8151	0.1460	0.9611		13,585.0549	13,585.0549	0.8516		13,606.3451
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	0.0598	0.0426	0.5692	1.5400e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		152.8947	152.8947	4.8200e-003		153.0152
Total	1.4028	40.7965	10.3922	0.1269	3.1194	0.1538	3.2732	0.8536	0.1471	1.0007		13,737.9496	13,737.9496	0.8564		13,759.3603

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					2.6441	0.0000	2.6441	0.4003	0.0000	0.4003			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363
Total	2.1262	20.9463	14.6573	0.0241	2.6441	1.1525	3.7966	0.4003	1.0761	1.4765	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363

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	1.3430	40.7539	9.8230	0.1253	1.9390	0.1526	2.0916	0.5610	0.1460	0.7070		13,585.0549	13,585.0549	0.8516		13,606.3451
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	0.0598	0.0426	0.5692	1.5400e-003	0.0872	1.2100e-003	0.0884	0.0243	1.1200e-003	0.0254		152.8947	152.8947	4.8200e-003		153.0152
Total	1.4028	40.7965	10.3922	0.1269	2.0262	0.1538	2.1800	0.5853	0.1471	0.7324		13,737.9496	13,737.9496	0.8564		13,759.3603

3.3 Site Preparation - 2020

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										lb/day					
Fugitive Dust					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	1.6299	18.3464	7.7093	0.0172	5.7996	0.8210	6.6205	2.9537	0.7553	3.7090		1,667.4119	1,667.4119	0.5393		1,680.8937

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	0.0000	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	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632

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					2.1487	0.0000	2.1487	1.0944	0.0000	1.0944			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	1.6299	18.3464	7.7093	0.0172	2.1487	0.8210	2.9697	1.0944	0.7553	1.8496	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937

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	0.0000	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	0.0368	0.0262	0.3503	9.4000e-004	0.0537	7.5000e-004	0.0544	0.0149	6.9000e-004	0.0156		94.0890	94.0890	2.9700e-003		94.1632
Total	0.0368	0.0262	0.3503	9.4000e-004	0.0537	7.5000e-004	0.0544	0.0149	6.9000e-004	0.0156		94.0890	94.0890	2.9700e-003		94.1632

3.4 Grading - 2020

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										lb/day					
Fugitive Dust					4.6817	0.0000	4.6817	2.5067	0.0000	2.5067			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296		1,365.7183	1,365.7183	0.4417		1,376.7609
Total	1.3498	15.0854	6.4543	0.0141	4.6817	0.6844	5.3661	2.5067	0.6296	3.1363		1,365.7183	1,365.7183	0.4417		1,376.7609

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	1.9727	59.8618	14.4286	0.1841	4.3685	0.2242	4.5927	1.1972	0.2145	1.4117		19,954.5460	19,954.5460	1.2509		19,985.8183
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	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	2.0095	59.8880	14.7789	0.1851	4.4579	0.2249	4.6828	1.2209	0.2152	1.4361		20,048.6350	20,048.6350	1.2539		20,079.9815

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					1.7346	0.0000	1.7346	0.9287	0.0000	0.9287			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296	0.0000	1,365.7183	1,365.7183	0.4417		1,376.7609
Total	1.3498	15.0854	6.4543	0.0141	1.7346	0.6844	2.4190	0.9287	0.6296	1.5583	0.0000	1,365.7183	1,365.7183	0.4417		1,376.7609

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	lb/day										lb/day					
Hauling	1.9727	59.8618	14.4286	0.1841	2.8481	0.2242	3.0722	0.8240	0.2145	1.0385		19,954.5460	19,954.5460	1.2509		19,985.8183
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	0.0368	0.0262	0.3503	9.4000e-004	0.0537	7.5000e-004	0.0544	0.0149	6.9000e-004	0.0156		94.0890	94.0890	2.9700e-003		94.1632
Total	2.0095	59.8880	14.7789	0.1851	2.9017	0.2249	3.1266	0.8390	0.2152	1.0541		20,048.6350	20,048.6350	1.2539		20,079.9815

3.5 Building Construction - 2020

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										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467
Total	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467

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	0.1245	3.7230	0.9755	9.0800e-003	0.2241	0.0175	0.2416	0.0645	0.0168	0.0813		969.5864	969.5864	0.0592		971.0656
Worker	0.7547	0.5369	7.1807	0.0194	1.8331	0.0153	1.8485	0.4862	0.0141	0.5003		1,928.8251	1,928.8251	0.0608		1,930.3454

Total	0.8792	4.2600	8.1561	0.0285	2.0572	0.0328	2.0901	0.5507	0.0309	0.5816		2,898.4115	2,898.4115	0.1200		2,901.4110
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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	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467
Total	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467

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	0.1245	3.7230	0.9755	9.0800e-003	0.1506	0.0175	0.1682	0.0465	0.0168	0.0633		969.5864	969.5864	0.0592		971.0656
Worker	0.7547	0.5369	7.1807	0.0194	1.1000	0.0153	1.1154	0.3062	0.0141	0.3203		1,928.8251	1,928.8251	0.0608		1,930.3454
Total	0.8792	4.2600	8.1561	0.0285	1.2507	0.0328	1.2835	0.3527	0.0309	0.3836		2,898.4115	2,898.4115	0.1200		2,901.4110

3.5 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										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		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		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										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	0.1064	3.3981	0.8884	9.0000e-003	0.2241	6.9500e-003	0.2310	0.0645	6.6500e-003	0.0712		962.0822	962.0822	0.0567		963.4992
Worker	0.7030	0.4832	6.6055	0.0188	1.8331	0.0148	1.8480	0.4862	0.0136	0.4998		1,867.5826	1,867.5826	0.0550		1,868.9583
Total	0.8094	3.8813	7.4939	0.0278	2.0572	0.0218	2.0790	0.5507	0.0203	0.5710		2,829.6648	2,829.6648	0.1117		2,832.4574

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
Vendor	0.1064	3.3981	0.8884	9.0000e-003	0.1506	6.9500e-003	0.1576	0.0465	6.6500e-003	0.0531		962.0822	962.0822	0.0567		963.4992
Worker	0.7030	0.4832	6.6055	0.0188	1.1000	0.0148	1.1149	0.3062	0.0136	0.3199		1,867.5826	1,867.5826	0.0550		1,868.9583
Total	0.8094	3.8813	7.4939	0.0278	1.2507	0.0218	1.2725	0.3527	0.0203	0.3730		2,829.6648	2,829.6648	0.1117		2,832.4574

3.5 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										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										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	0.0999	3.2316	0.8405	8.9100e-003	0.2241	6.0700e-003	0.2302	0.0645	5.8100e-003	0.0703		953.7006	953.7006	0.0547		955.0688
Worker	0.6585	0.4365	6.0943	0.0181	1.8331	0.0144	1.8475	0.4862	0.0132	0.4994		1,801.8882	1,801.8882	0.0497		1,803.1315
Total	0.7584	3.6680	6.9348	0.0270	2.0572	0.0204	2.0776	0.5507	0.0190	0.5697		2,755.5888	2,755.5888	0.1045		2,758.2004

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	1.6487	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

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	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	0.0999	3.2316	0.8405	8.9100e-003	0.1506	6.0700e-003	0.1567	0.0465	5.8100e-003	0.0523		953.7006	953.7006	0.0547		955.0688
Worker	0.6585	0.4365	6.0943	0.0181	1.1000	0.0144	1.1144	0.3062	0.0132	0.3194		1,801.8882	1,801.8882	0.0497		1,803.1315
Total	0.7584	3.6680	6.9348	0.0270	1.2507	0.0204	1.2711	0.3527	0.0190	0.3717		2,755.5888	2,755.5888	0.1045		2,758.2004

3.6 Architectural Coating - 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										lb/day					
Archit. Coating	18.0768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	18.2813	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.0000	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	0.1325	0.0878	1.2263	3.6400e-003	0.3689	2.8900e-003	0.3718	0.0978	2.6600e-003	0.1005		362.5751	362.5751	0.0100		362.8253

Total	0.1325	0.0878	1.2263	3.6400e-003	0.3689	2.8900e-003	0.3718	0.0978	2.6600e-003	0.1005		362.5751	362.5751	0.0100		362.8253
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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	lb/day										lb/day					
Archit. Coating	18.0768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	18.2813	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.0000	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	0.1325	0.0878	1.2263	3.6400e-003	0.2214	2.8900e-003	0.2242	0.0616	2.6600e-003	0.0643		362.5751	362.5751	0.0100		362.8253
Total	0.1325	0.0878	1.2263	3.6400e-003	0.2214	2.8900e-003	0.2242	0.0616	2.6600e-003	0.0643		362.5751	362.5751	0.0100		362.8253

3.7 Paving - 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										lb/day					
Off-Road	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608

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	0.0000	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	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312
Total	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312

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	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608

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	0.0000	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	0.0522	0.0346	0.4831	1.4300e-003	0.0872	1.1400e-003	0.0883	0.0243	1.0500e-003	0.0253		142.8326	142.8326	3.9400e-003		142.9312
Total	0.0522	0.0346	0.4831	1.4300e-003	0.0872	1.1400e-003	0.0883	0.0243	1.0500e-003	0.0253		142.8326	142.8326	3.9400e-003		142.9312

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										lb/day					
Mitigated	1.9467	9.2179	25.6097	0.0925	7.4856	0.0747	7.5603	2.0033	0.0697	2.0729		9,411.9325	9,411.9325	0.4742		9,423.7865

Unmitigated	1.9467	9.2179	25.6097	0.0925	7.4856	0.0747	7.5603	2.0033	0.0697	2.0729		9,411.9325	9,411.9325	0.4742		9,423.7865
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	744.60	744.60	744.60	2,864,292	2,864,292
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	376.35	376.35	265.59	628,351	628,351
Total	1,120.95	1,120.95	1,010.19	3,492,643	3,492,643

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	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	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	50	0	50

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Enclosed Parking with Elevator	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Strip Mall	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876

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 Mitigated	0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517
NaturalGas Unmitigated	0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517

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 Mid Rise	4292.82	0.0463	0.3956	0.1684	2.5300e-003		0.0320	0.0320		0.0320	0.0320		505.0378	505.0378	9.6800e-003	9.2600e-003	508.0390
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
Strip Mall	58.411	6.3000e-004	5.7300e-003	4.8100e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004		6.8719	6.8719	1.3000e-004	1.3000e-004	6.9127
Total		0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517

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					
Apartments Mid Rise	4.29282	0.0463	0.3956	0.1684	2.5300e-003		0.0320	0.0320		0.0320	0.0320		505.0378	505.0378	9.6800e-003	9.2600e-003	508.0390
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

Strip Mall	0.058411	6.3000e-004	5.7300e-003	4.8100e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004		6.8719	6.8719	1.3000e-004	1.3000e-004	6.9127
Total		0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517

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	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174
Unmitigated	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174

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	0.3219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.5479					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	0.4263	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777		25.3049	25.3049	0.0245		25.9174

Total	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174
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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	0.3219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.5479					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	0.4263	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777		25.3049	25.3049	0.0245		25.9174
Total	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174

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

1911 West Sunset Boulevard Future - Los Angeles-South Coast County, Annual

1911 West Sunset Boulevard 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	220.00	Space	0.00	88,000.00	0
Apartments Mid Rise	170.00	Dwelling Unit	0.90	164,610.00	486
Strip Mall	13.00	1000sqft	0.11	13,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2022
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

Construction Phase - Developer information

Off-road Equipment -

Off-road Equipment -

Grading - Assumes 45,000 cy of exported soil with 25% soils swell

Demolition - Assumes 7,816 cubic yards of building material demolished @ 800 lb/CY and 25,000 sf of asphalt parking lot @ 6" demolished @ 900 lb/CY

Trips and VMT - Demolition assumes 8,510 CY of material, including 7,816 CY of building material and 694 CY of concrete and asphalt parking lot, all exported

Vehicle Trips - Crain & Associates trip generation estimates

Woodstoves - Developer information

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

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	46
tblConstructionPhase	NumDays	10.00	65.00
tblConstructionPhase	NumDays	200.00	523.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	4.00	45.00
tblConstructionPhase	NumDays	10.00	45.00
tblConstructionPhase	NumDays	2.00	10.00
tblFireplaces	NumberGas	144.50	0.00
tblFireplaces	NumberNoFireplace	17.00	170.00
tblFireplaces	NumberWood	8.50	0.00
tblGrading	AcresOfGrading	16.88	1.01
tblGrading	MaterialExported	0.00	56,250.00
tblLandUse	LandUseSquareFeet	170,000.00	164,610.00
tblLandUse	LotAcreage	1.98	0.00
tblLandUse	LotAcreage	4.47	0.90
tblLandUse	LotAcreage	0.30	0.11
tblTripsAndVMT	HaulingTripLength	20.00	40.00
tblTripsAndVMT	HaulingTripLength	20.00	40.00
tblTripsAndVMT	HaulingTripNumber	330.00	851.00
tblTripsAndVMT	HaulingTripNumber	7,031.00	5,625.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00
tblVehicleTrips	HW_TTP	40.20	40.00

tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	50.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	45.00	50.00
tblVehicleTrips	ST_TR	6.39	4.38
tblVehicleTrips	ST_TR	42.04	28.95
tblVehicleTrips	SU_TR	5.86	4.38
tblVehicleTrips	WD_TR	6.65	4.38
tblVehicleTrips	WD_TR	44.32	28.95
tblWoodstoves	NumberCatalytic	8.50	0.00
tblWoodstoves	NumberNoncatalytic	8.50	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					
2020	0.1878	2.7197	1.2657	6.7700e-003	0.3439	0.0556	0.3995	0.1239	0.0525	0.1764	0.0000	644.6103	644.6103	0.0571	0.0000	646.0366
2021	0.3428	2.3020	2.6149	6.3800e-003	0.2633	0.0922	0.3555	0.0706	0.0889	0.1595	0.0000	561.1550	561.1550	0.0554	0.0000	562.5407
2022	0.8600	1.8548	2.2663	5.4300e-003	0.2197	0.0724	0.2922	0.0589	0.0697	0.1285	0.0000	477.7319	477.7319	0.0510	0.0000	479.0057
Maximum	0.8600	2.7197	2.6149	6.7700e-003	0.3439	0.0922	0.3995	0.1239	0.0889	0.1764	0.0000	644.6103	644.6103	0.0571	0.0000	646.0366

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					
2020	0.1878	2.7197	1.2657	6.7700e-003	0.1739	0.0556	0.2294	0.0602	0.0525	0.1128	0.0000	644.6101	644.6101	0.0571	0.0000	646.0364
2021	0.3428	2.3020	2.6149	6.3800e-003	0.1604	0.0922	0.2526	0.0453	0.0889	0.1342	0.0000	561.1547	561.1547	0.0554	0.0000	562.5405
2022	0.8600	1.8548	2.2663	5.4300e-003	0.1338	0.0724	0.2062	0.0378	0.0697	0.1074	0.0000	477.7316	477.7316	0.0510	0.0000	479.0054
Maximum	0.8600	2.7197	2.6149	6.7700e-003	0.1739	0.0922	0.2526	0.0602	0.0889	0.1342	0.0000	644.6101	644.6101	0.0571	0.0000	646.0364

	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	43.40	0.00	34.27	43.42	0.00	23.69	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)
1	7-13-2020	10-12-2020	2.0846	2.0846
2	10-13-2020	1-12-2021	0.7184	0.7184
3	1-13-2021	4-12-2021	0.6509	0.6509
4	4-13-2021	7-12-2021	0.6545	0.6545
5	7-13-2021	10-12-2021	0.6623	0.6623
6	10-13-2021	1-12-2022	0.6592	0.6592
7	1-13-2022	4-12-2022	0.8282	0.8282
8	4-13-2022	7-12-2022	1.0260	1.0260
9	7-13-2022	9-30-2022	0.6979	0.6979
		Highest	2.0846	2.0846

2.2 Overall Operational
Unmitigated Operational

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	7/13/2020	7/24/2020	5	10	
2	Site Preparation	Site Preparation	7/27/2020	8/7/2020	5	10	
3	Grading	Grading	8/10/2020	10/9/2020	5	45	
4	Building Construction	Building Construction	10/12/2020	10/12/2022	5	523	
5	Architectural Coating	Architectural Coating	3/12/2022	6/10/2022	5	65	
6	Paving	Paving	7/12/2022	9/12/2022	5	45	

Acres of Grading (Site Preparation Phase): 5

Acres of Grading (Grading Phase): 1.01

Acres of Paving: 0

Residential Indoor: 333,335; Residential Outdoor: 111,112; Non-Residential Indoor: 19,500; Non-Residential Outdoor: 6,500; 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	46	0.45

Architectural Coating	Air Compressors	1	6.00	78	0.48
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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	851.00	14.70	6.90	40.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	5,625.00	14.70	6.90	40.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	164.00	35.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	33.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Clean Paved Roads

3.2 Demolition - 2020

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
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Category	tons/yr										MT/yr					
Fugitive Dust					0.0357	0.0000	0.0357	5.4000e-003	0.0000	5.4000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0106	0.1047	0.0733	1.2000e-004		5.7600e-003	5.7600e-003		5.3800e-003	5.3800e-003	0.0000	10.5338	10.5338	2.7100e-003	0.0000	10.6015
Total	0.0106	0.1047	0.0733	1.2000e-004	0.0357	5.7600e-003	0.0414	5.4000e-003	5.3800e-003	0.0108	0.0000	10.5338	10.5338	2.7100e-003	0.0000	10.6015

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	6.7500e-003	0.2124	0.0497	6.2000e-004	0.0146	7.7000e-004	0.0154	4.0100e-003	7.3000e-004	4.7500e-003	0.0000	61.3818	61.3818	3.9000e-003	0.0000	61.4793
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	3.0000e-004	2.4000e-004	2.6800e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.9000e-004	1.0000e-005	1.9000e-004	0.0000	0.6639	0.6639	2.0000e-005	0.0000	0.6644
Total	7.0500e-003	0.2127	0.0524	6.3000e-004	0.0153	7.8000e-004	0.0161	4.2000e-003	7.4000e-004	4.9400e-003	0.0000	62.0457	62.0457	3.9200e-003	0.0000	62.1437

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					0.0132	0.0000	0.0132	2.0000e-003	0.0000	2.0000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0106	0.1047	0.0733	1.2000e-004		5.7600e-003	5.7600e-003		5.3800e-003	5.3800e-003	0.0000	10.5338	10.5338	2.7100e-003	0.0000	10.6015

Total	0.0106	0.1047	0.0733	1.2000e-004	0.0132	5.7600e-003	0.0190	2.0000e-003	5.3800e-003	7.3800e-003	0.0000	10.5338	10.5338	2.7100e-003	0.0000	10.6015
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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	tons/yr										MT/yr					
Hauling	6.7500e-003	0.2124	0.0497	6.2000e-004	9.5600e-003	7.7000e-004	0.0103	2.7700e-003	7.3000e-004	3.5000e-003	0.0000	61.3818	61.3818	3.9000e-003	0.0000	61.4793
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	3.0000e-004	2.4000e-004	2.6800e-003	1.0000e-005	4.3000e-004	1.0000e-005	4.3000e-004	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	0.6639	0.6639	2.0000e-005	0.0000	0.6644
Total	7.0500e-003	0.2127	0.0524	6.3000e-004	9.9900e-003	7.8000e-004	0.0108	2.8900e-003	7.4000e-004	3.6300e-003	0.0000	62.0457	62.0457	3.9200e-003	0.0000	62.1437

3.3 Site Preparation - 2020

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					0.0290	0.0000	0.0290	0.0148	0.0000	0.0148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.1500e-003	0.0917	0.0386	9.0000e-005		4.1000e-003	4.1000e-003		3.7800e-003	3.7800e-003	0.0000	7.5633	7.5633	2.4500e-003	0.0000	7.6244
Total	8.1500e-003	0.0917	0.0386	9.0000e-005	0.0290	4.1000e-003	0.0331	0.0148	3.7800e-003	0.0186	0.0000	7.5633	7.5633	2.4500e-003	0.0000	7.6244

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	1.8000e-004	1.5000e-004	1.6500e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.4085	0.4085	1.0000e-005	0.0000	0.4089
Total	1.8000e-004	1.5000e-004	1.6500e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.4085	0.4085	1.0000e-005	0.0000	0.4089

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					
Fugitive Dust					0.0107	0.0000	0.0107	5.4700e-003	0.0000	5.4700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.1500e-003	0.0917	0.0386	9.0000e-005		4.1000e-003	4.1000e-003		3.7800e-003	3.7800e-003	0.0000	7.5632	7.5632	2.4500e-003	0.0000	7.6244
Total	8.1500e-003	0.0917	0.0386	9.0000e-005	0.0107	4.1000e-003	0.0148	5.4700e-003	3.7800e-003	9.2500e-003	0.0000	7.5632	7.5632	2.4500e-003	0.0000	7.6244

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	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	1.8000e-004	1.5000e-004	1.6500e-003	0.0000	2.6000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.4085	0.4085	1.0000e-005	0.0000	0.4089
Total	1.8000e-004	1.5000e-004	1.6500e-003	0.0000	2.6000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.4085	0.4085	1.0000e-005	0.0000	0.4089

3.4 Grading - 2020

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					0.1053	0.0000	0.1053	0.0564	0.0000	0.0564	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0304	0.3394	0.1452	3.2000e-004		0.0154	0.0154		0.0142	0.0142	0.0000	27.8766	27.8766	9.0200e-003	0.0000	28.1020
Total	0.0304	0.3394	0.1452	3.2000e-004	0.1053	0.0154	0.1207	0.0564	0.0142	0.0706	0.0000	27.8766	27.8766	9.0200e-003	0.0000	28.1020

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	tons/yr										MT/yr					
Hauling	0.0446	1.4042	0.3287	4.1300e-003	0.0966	5.0600e-003	0.1017	0.0265	4.8400e-003	0.0314	0.0000	405.7260	405.7260	0.0258	0.0000	406.3701
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	8.3000e-004	6.7000e-004	7.4100e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	2.0000e-005	5.4000e-004	0.0000	1.8384	1.8384	6.0000e-005	0.0000	1.8399
Total	0.0455	1.4049	0.3361	4.1500e-003	0.0986	5.0800e-003	0.1037	0.0270	4.8600e-003	0.0319	0.0000	407.5645	407.5645	0.0258	0.0000	408.2100

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					0.0390	0.0000	0.0390	0.0209	0.0000	0.0209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0304	0.3394	0.1452	3.2000e-004		0.0154	0.0154		0.0142	0.0142	0.0000	27.8765	27.8765	9.0200e-003	0.0000	28.1019
Total	0.0304	0.3394	0.1452	3.2000e-004	0.0390	0.0154	0.0544	0.0209	0.0142	0.0351	0.0000	27.8765	27.8765	9.0200e-003	0.0000	28.1019

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	0.0446	1.4042	0.3287	4.1300e-003	0.0632	5.0600e-003	0.0682	0.0183	4.8400e-003	0.0232	0.0000	405.7260	405.7260	0.0258	0.0000	406.3701
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	8.3000e-004	6.7000e-004	7.4100e-003	2.0000e-005	1.1900e-003	2.0000e-005	1.2000e-003	3.3000e-004	2.0000e-005	3.5000e-004	0.0000	1.8384	1.8384	6.0000e-005	0.0000	1.8399
Total	0.0455	1.4049	0.3361	4.1500e-003	0.0644	5.0800e-003	0.0694	0.0187	4.8600e-003	0.0235	0.0000	407.5645	407.5645	0.0258	0.0000	408.2100

3.5 Building Construction - 2020

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	0.0599	0.4363	0.3891	6.5000e-004		0.0235	0.0235		0.0227	0.0227	0.0000	53.5549	53.5549	9.9400e-003	0.0000	53.8035
Total	0.0599	0.4363	0.3891	6.5000e-004		0.0235	0.0235		0.0227	0.0227	0.0000	53.5549	53.5549	9.9400e-003	0.0000	53.8035

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	3.7400e-003	0.1119	0.0303	2.6000e-004	6.5000e-003	5.2000e-004	7.0200e-003	1.8800e-003	5.0000e-004	2.3700e-003	0.0000	25.6500	25.6500	1.6300e-003	0.0000	25.6908
Worker	0.0223	0.0180	0.1992	5.5000e-004	0.0530	4.5000e-004	0.0535	0.0141	4.2000e-004	0.0145	0.0000	49.4129	49.4129	1.5600e-003	0.0000	49.4519
Total	0.0261	0.1299	0.2294	8.1000e-004	0.0595	9.7000e-004	0.0605	0.0160	9.2000e-004	0.0169	0.0000	75.0629	75.0629	3.1900e-003	0.0000	75.1426

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	0.0599	0.4363	0.3891	6.5000e-004		0.0235	0.0235		0.0227	0.0227	0.0000	53.5549	53.5549	9.9400e-003	0.0000	53.8034

Total	0.0599	0.4363	0.3891	6.5000e-004		0.0235	0.0235		0.0227	0.0227	0.0000	53.5549	53.5549	9.9400e-003	0.0000	53.8034
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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	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	3.7400e-003	0.1119	0.0303	2.6000e-004	4.3900e-003	5.2000e-004	4.9100e-003	1.3600e-003	5.0000e-004	1.8600e-003	0.0000	25.6500	25.6500	1.6300e-003	0.0000	25.6908
Worker	0.0223	0.0180	0.1992	5.5000e-004	0.0319	4.5000e-004	0.0323	8.8900e-003	4.2000e-004	9.3100e-003	0.0000	49.4129	49.4129	1.5600e-003	0.0000	49.4519
Total	0.0261	0.1299	0.2294	8.1000e-004	0.0363	9.7000e-004	0.0372	0.0103	9.2000e-004	0.0112	0.0000	75.0629	75.0629	3.1900e-003	0.0000	75.1426

3.5 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	0.2365	1.7795	1.6834	2.8800e-003		0.0893	0.0893		0.0862	0.0862	0.0000	236.9197	236.9197	0.0423	0.0000	237.9771
Total	0.2365	1.7795	1.6834	2.8800e-003		0.0893	0.0893		0.0862	0.0862	0.0000	236.9197	236.9197	0.0423	0.0000	237.9771

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	0.0142	0.4508	0.1222	1.1600e-003	0.0288	9.2000e-004	0.0297	8.3000e-003	8.8000e-004	9.1800e-003	0.0000	112.5873	112.5873	6.9100e-003	0.0000	112.7600
Worker	0.0921	0.0717	0.8093	2.3400e-003	0.2345	1.9300e-003	0.2365	0.0623	1.7800e-003	0.0641	0.0000	211.6480	211.6480	6.2300e-003	0.0000	211.8037
Total	0.1063	0.5225	0.9315	3.5000e-003	0.2633	2.8500e-003	0.2662	0.0706	2.6600e-003	0.0733	0.0000	324.2353	324.2353	0.0131	0.0000	324.5637

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	0.2365	1.7795	1.6834	2.8800e-003		0.0893	0.0893		0.0862	0.0862	0.0000	236.9194	236.9194	0.0423	0.0000	237.9768
Total	0.2365	1.7795	1.6834	2.8800e-003		0.0893	0.0893		0.0862	0.0862	0.0000	236.9194	236.9194	0.0423	0.0000	237.9768

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	0.0142	0.4508	0.1222	1.1600e-003	0.0194	9.2000e-004	0.0203	6.0000e-003	8.8000e-004	6.8800e-003	0.0000	112.5873	112.5873	6.9100e-003	0.0000	112.7600
Worker	0.0921	0.0717	0.8093	2.3400e-003	0.1410	1.9300e-003	0.1430	0.0393	1.7800e-003	0.0411	0.0000	211.6480	211.6480	6.2300e-003	0.0000	211.8037
Total	0.1063	0.5225	0.9315	3.5000e-003	0.1604	2.8500e-003	0.1633	0.0453	2.6600e-003	0.0480	0.0000	324.2353	324.2353	0.0131	0.0000	324.5637

3.5 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	0.1673	1.2691	1.2917	2.2400e-003		0.0598	0.0598		0.0577	0.0577	0.0000	184.3006	184.3006	0.0321	0.0000	185.1031
Total	0.1673	1.2691	1.2917	2.2400e-003		0.0598	0.0598		0.0577	0.0577	0.0000	184.3006	184.3006	0.0321	0.0000	185.1031

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	0.0104	0.3331	0.0899	8.9000e-004	0.0224	6.3000e-004	0.0230	6.4600e-003	6.0000e-004	7.0600e-003	0.0000	86.7988	86.7988	5.1800e-003	0.0000	86.9284
Worker	0.0672	0.0504	0.5800	1.7600e-003	0.1824	1.4600e-003	0.1839	0.0485	1.3400e-003	0.0498	0.0000	158.8286	158.8286	4.3700e-003	0.0000	158.9380
Total	0.0775	0.3835	0.6699	2.6500e-003	0.2048	2.0900e-003	0.2069	0.0549	1.9400e-003	0.0569	0.0000	245.6274	245.6274	9.5500e-003	0.0000	245.8664

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	0.1673	1.2691	1.2917	2.2400e-003		0.0598	0.0598		0.0577	0.0577	0.0000	184.3004	184.3004	0.0321	0.0000	185.1028
Total	0.1673	1.2691	1.2917	2.2400e-003		0.0598	0.0598		0.0577	0.0577	0.0000	184.3004	184.3004	0.0321	0.0000	185.1028

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	0.0104	0.3331	0.0899	8.9000e-004	0.0151	6.3000e-004	0.0157	4.6700e-003	6.0000e-004	5.2700e-003	0.0000	86.7988	86.7988	5.1800e-003	0.0000	86.9284
Worker	0.0672	0.0504	0.5800	1.7600e-003	0.1097	1.4600e-003	0.1111	0.0306	1.3400e-003	0.0319	0.0000	158.8286	158.8286	4.3700e-003	0.0000	158.9380
Total	0.0775	0.3835	0.6699	2.6500e-003	0.1248	2.0900e-003	0.1269	0.0353	1.9400e-003	0.0372	0.0000	245.6274	245.6274	9.5500e-003	0.0000	245.8664

3.6 Architectural Coating - 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					
Archit. Coating	0.5875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6500e-003	0.0458	0.0589	1.0000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	8.2981	8.2981	5.4000e-004	0.0000	8.3116
Total	0.5941	0.0458	0.0589	1.0000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	8.2981	8.2981	5.4000e-004	0.0000	8.3116

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	4.3300e-003	3.2400e-003	0.0374	1.1000e-004	0.0118	9.0000e-005	0.0119	3.1200e-003	9.0000e-005	3.2100e-003	0.0000	10.2333	10.2333	2.8000e-004	0.0000	10.2404
Total	4.3300e-003	3.2400e-003	0.0374	1.1000e-004	0.0118	9.0000e-005	0.0119	3.1200e-003	9.0000e-005	3.2100e-003	0.0000	10.2333	10.2333	2.8000e-004	0.0000	10.2404

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	0.5875					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6500e-003	0.0458	0.0589	1.0000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	8.2981	8.2981	5.4000e-004	0.0000	8.3116

Total	0.5941	0.0458	0.0589	1.0000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	8.2981	8.2981	5.4000e-004	0.0000	8.3116
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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	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	4.3300e-003	3.2400e-003	0.0374	1.1000e-004	7.0700e-003	9.0000e-005	7.1600e-003	1.9700e-003	9.0000e-005	2.0600e-003	0.0000	10.2333	10.2333	2.8000e-004	0.0000	10.2404
Total	4.3300e-003	3.2400e-003	0.0374	1.1000e-004	7.0700e-003	9.0000e-005	7.1600e-003	1.9700e-003	9.0000e-005	2.0600e-003	0.0000	10.2333	10.2333	2.8000e-004	0.0000	10.2404

3.7 Paving - 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	0.0155	0.1524	0.1981	3.0000e-004		7.8200e-003	7.8200e-003		7.2100e-003	7.2100e-003	0.0000	26.4817	26.4817	8.3900e-003	0.0000	26.6915
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0155	0.1524	0.1981	3.0000e-004		7.8200e-003	7.8200e-003		7.2100e-003	7.2100e-003	0.0000	26.4817	26.4817	8.3900e-003	0.0000	26.6915

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	1.1800e-003	8.8000e-004	0.0102	3.0000e-005	3.2100e-003	3.0000e-005	3.2300e-003	8.5000e-004	2.0000e-005	8.7000e-004	0.0000	2.7909	2.7909	8.0000e-005	0.0000	2.7928
Total	1.1800e-003	8.8000e-004	0.0102	3.0000e-005	3.2100e-003	3.0000e-005	3.2300e-003	8.5000e-004	2.0000e-005	8.7000e-004	0.0000	2.7909	2.7909	8.0000e-005	0.0000	2.7928

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	0.0155	0.1524	0.1981	3.0000e-004		7.8200e-003	7.8200e-003		7.2100e-003	7.2100e-003	0.0000	26.4816	26.4816	8.3900e-003	0.0000	26.6915
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0155	0.1524	0.1981	3.0000e-004		7.8200e-003	7.8200e-003		7.2100e-003	7.2100e-003	0.0000	26.4816	26.4816	8.3900e-003	0.0000	26.6915

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	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	1.1800e-003	8.8000e-004	0.0102	3.0000e-005	1.9300e-003	3.0000e-005	1.9500e-003	5.4000e-004	2.0000e-005	5.6000e-004	0.0000	2.7909	2.7909	8.0000e-005	0.0000	2.7928
Total	1.1800e-003	8.8000e-004	0.0102	3.0000e-005	1.9300e-003	3.0000e-005	1.9500e-003	5.4000e-004	2.0000e-005	5.6000e-004	0.0000	2.7909	2.7909	8.0000e-005	0.0000	2.7928

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	0.3319	1.7296	4.4517	0.0161	1.3256	0.0135	1.3391	0.3553	0.0126	0.3679	0.0000	1,487.5987	1,487.5987	0.0771	0.0000	1,489.5261
Unmitigated	0.3319	1.7296	4.4517	0.0161	1.3256	0.0135	1.3391	0.3553	0.0126	0.3679	0.0000	1,487.5987	1,487.5987	0.0771	0.0000	1,489.5261

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	744.60	744.60	744.60	2,864,292	2,864,292
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	376.35	376.35	265.59	628,351	628,351
Total	1,120.95	1,120.95	1,010.19	3,492,643	3,492,643

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %
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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	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	50	0	50

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Enclosed Parking with Elevator	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Strip Mall	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876

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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	759.9148	759.9148	0.0180	3.7100e-003	761.4700
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	759.9148	759.9148	0.0180	3.7100e-003	761.4700
NaturalGas Mitigated	8.5600e-003	0.0732	0.0316	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	84.7524	84.7524	1.6200e-003	1.5500e-003	85.2560
NaturalGas Unmitigated	8.5600e-003	0.0732	0.0316	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	84.7524	84.7524	1.6200e-003	1.5500e-003	85.2560

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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	tons/yr										MT/yr					
Apartments Mid Rise	1.56688e+06	8.4500e-003	0.0722	0.0307	4.6000e-004		5.8400e-003	5.8400e-003		5.8400e-003	5.8400e-003	0.0000	83.6147	83.6147	1.6000e-003	1.5300e-003	84.1116
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
Strip Mall	21320	1.1000e-004	1.0500e-003	8.8000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.1377	1.1377	2.0000e-005	2.0000e-005	1.1445
Total		8.5600e-003	0.0733	0.0316	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	84.7524	84.7524	1.6200e-003	1.5500e-003	85.2560

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	tons/yr										MT/yr					
Apartments Mid Rise	1.56688e+06	8.4500e-003	0.0722	0.0307	4.6000e-004		5.8400e-003	5.8400e-003		5.8400e-003	5.8400e-003	0.0000	83.6147	83.6147	1.6000e-003	1.5300e-003	84.1116
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
Strip Mall	21320	1.1000e-004	1.0500e-003	8.8000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.1377	1.1377	2.0000e-005	2.0000e-005	1.1445
Total		8.5600e-003	0.0733	0.0316	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	84.7524	84.7524	1.6200e-003	1.5500e-003	85.2560

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
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Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	673214	374.9541	8.8600e-003	1.8300e-003	375.7215
Enclosed Parking with Elevator	515680	287.2139	6.7800e-003	1.4000e-003	287.8017
Strip Mall	175500	97.7468	2.3100e-003	4.8000e-004	97.9468
Total		759.9148	0.0180	3.7100e-003	761.4700

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	673214	374.9541	8.8600e-003	1.8300e-003	375.7215
Enclosed Parking with Elevator	515680	287.2139	6.7800e-003	1.4000e-003	287.8017
Strip Mall	175500	97.7468	2.3100e-003	4.8000e-004	97.9468
Total		759.9148	0.0180	3.7100e-003	761.4700

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
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Category	tons/yr								MT/yr							
Mitigated	0.7595	0.0203	1.7580	9.0000e-005		9.7100e-003	9.7100e-003		9.7100e-003	9.7100e-003	0.0000	2.8695	2.8695	2.7800e-003	0.0000	2.9390
Unmitigated	0.7595	0.0203	1.7580	9.0000e-005		9.7100e-003	9.7100e-003		9.7100e-003	9.7100e-003	0.0000	2.8695	2.8695	2.7800e-003	0.0000	2.9390

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	0.0588					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.6475					0.0000	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	0.0000
Landscaping	0.0533	0.0203	1.7580	9.0000e-005		9.7100e-003	9.7100e-003		9.7100e-003	9.7100e-003	0.0000	2.8695	2.8695	2.7800e-003	0.0000	2.9390
Total	0.7595	0.0203	1.7580	9.0000e-005		9.7100e-003	9.7100e-003		9.7100e-003	9.7100e-003	0.0000	2.8695	2.8695	2.7800e-003	0.0000	2.9390

Mitigated

[illegible]

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	0.0533	0.0203	1.7580	9.0000e-005		9.7100e-003	9.7100e-003		9.7100e-003	9.7100e-003	0.0000	2.8695	2.8695	2.7800e-003	0.0000	2.9390
Total	0.7595	0.0203	1.7580	9.0000e-005		9.7100e-003	9.7100e-003		9.7100e-003	9.7100e-003	0.0000	2.8695	2.8695	2.7800e-003	0.0000	2.9390

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	137.9901	0.3955	9.9200e-003	150.8325
Unmitigated	137.9901	0.3955	9.9200e-003	150.8325

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	11.0762 / 6.98281	127.0492	0.3638	9.1300e-003	138.8645
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.962943 / 0.590191	10.9410	0.0316	7.9000e-004	11.9679

Total		137.9901	0.3955	9.9200e-003	150.8324
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Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	11.0762 / 6.98281	127.0492	0.3638	9.1300e-003	138.8645
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.962943 / 0.590191	10.9410	0.0316	7.9000e-004	11.9679
Total		137.9901	0.3955	9.9200e-003	150.8324

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	18.6447	1.1019	0.0000	46.1915
Unmitigated	18.6447	1.1019	0.0000	46.1915

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	78.2	15.8739	0.9381	0.0000	39.3269
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	13.65	2.7708	0.1638	0.0000	6.8646
Total		18.6447	1.1019	0.0000	46.1915

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	78.2	15.8739	0.9381	0.0000	39.3269
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	13.65	2.7708	0.1638	0.0000	6.8646
Total		18.6447	1.1019	0.0000	46.1915

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

1911 West Sunset Boulevard Future - Los Angeles-South Coast County, Winter

1911 West Sunset Boulevard 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	220.00	Space	0.00	88,000.00	0
Apartments Mid Rise	170.00	Dwelling Unit	0.90	164,610.00	486
Strip Mall	13.00	1000sqft	0.11	13,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2022
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

Construction Phase - Developer information

Off-road Equipment -

Off-road Equipment -

Grading - Assumes 45,000 cy of exported soil with 25% soils swell

Demolition - Assumes 7,816 cubic yards of building material demolished @ 800 lb/CY and 25,000 sf of asphalt parking lot @ 6" demolished @ 900 lb/CY

Trips and VMT - Demolition assumes 8,510 CY of material, including 7,816 CY of building material and 694 CY of concrete and asphalt parking lot, all exported

Vehicle Trips - Crain & Associates trip generation estimates

Woodstoves - Developer information

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

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	46
tblConstructionPhase	NumDays	10.00	65.00
tblConstructionPhase	NumDays	200.00	523.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	4.00	45.00
tblConstructionPhase	NumDays	10.00	45.00
tblConstructionPhase	NumDays	2.00	10.00
tblFireplaces	NumberGas	144.50	0.00
tblFireplaces	NumberNoFireplace	17.00	170.00
tblFireplaces	NumberWood	8.50	0.00
tblGrading	AcresOfGrading	16.88	1.01
tblGrading	MaterialExported	0.00	56,250.00
tblLandUse	LandUseSquareFeet	170,000.00	164,610.00
tblLandUse	LotAcreage	1.98	0.00
tblLandUse	LotAcreage	4.47	0.90
tblLandUse	LotAcreage	0.30	0.11
tblTripsAndVMT	HaulingTripLength	20.00	40.00
tblTripsAndVMT	HaulingTripLength	20.00	40.00
tblTripsAndVMT	HaulingTripNumber	330.00	851.00
tblTripsAndVMT	HaulingTripNumber	7,031.00	5,625.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00
tblVehicleTrips	HW_TTP	40.20	40.00

tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	50.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	45.00	50.00
tblVehicleTrips	ST_TR	6.39	4.38
tblVehicleTrips	ST_TR	42.04	28.95
tblVehicleTrips	SU_TR	5.86	4.38
tblVehicleTrips	WD_TR	6.65	4.38
tblVehicleTrips	WD_TR	44.32	28.95
tblWoodstoves	NumberCatalytic	8.50	0.00
tblWoodstoves	NumberNoncatalytic	8.50	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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	lb/day										lb/day					
2020	3.5534	76.3760	25.3105	0.1974	10.2559	1.3075	11.5634	3.7276	1.2244	4.5741	0.0000	21,224.636 1	21,224.636 1	1.7216	0.0000	21,267.675 6
2021	2.7062	17.5621	19.9215	0.0485	2.0572	0.7063	2.7635	0.5507	0.6813	1.2320	0.0000	4,695.4211	4,695.4211	0.4694	0.0000	4,707.1566
2022	20.9171	23.0209	28.4660	0.0626	2.4261	0.9581	3.1606	0.6485	0.9096	1.4988	0.0000	6,057.5056	6,057.5056	0.8686	0.0000	6,079.2204
Maximum	20.9171	76.3760	28.4660	0.1974	10.2559	1.3075	11.5634	3.7276	1.2244	4.5741	0.0000	21,224.636 1	21,224.636 1	1.7216	0.0000	21,267.675 6

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	lb/day										lb/day					
2020	3.5534	76.3760	25.3105	0.1974	4.6703	1.3075	5.9778	1.7677	1.2244	2.6142	0.0000	21,224.6361	21,224.6361	1.7216	0.0000	21,267.6756
2021	2.7062	17.5621	19.9215	0.0485	1.2507	0.7063	1.9570	0.3527	0.6813	1.0340	0.0000	4,695.4211	4,695.4211	0.4694	0.0000	4,707.1566
2022	20.9171	23.0209	28.4660	0.0626	1.4720	0.9581	2.2960	0.4143	0.9096	1.2866	0.0000	6,057.5056	6,057.5056	0.8686	0.0000	6,079.2204
Maximum	20.9171	76.3760	28.4660	0.1974	4.6703	1.3075	5.9778	1.7677	1.2244	2.6142	0.0000	21,224.6361	21,224.6361	1.7216	0.0000	21,267.6756

	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	49.84	0.00	41.50	48.55	0.00	32.45	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										lb/day					
Area	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174
Energy	0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517
Mobile	1.8891	9.4287	24.3435	0.0880	7.4856	0.0751	7.5607	2.0033	0.0701	2.0733		8,957.1472	8,957.1472	0.4733		8,968.9798
Total	6.2320	9.9922	38.5808	0.0913	7.4856	0.1852	7.6707	2.0033	0.1801	2.1834	0.0000	9,494.3618	9,494.3618	0.5076	9.3900e-003	9,509.8489

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	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174
Energy	0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517
Mobile	1.8891	9.4287	24.3435	0.0880	7.4856	0.0751	7.5607	2.0033	0.0701	2.0733		8,957.1472	8,957.1472	0.4733		8,968.9798
Total	6.2320	9.9922	38.5808	0.0913	7.4856	0.1852	7.6707	2.0033	0.1801	2.1834	0.0000	9,494.3618	9,494.3618	0.5076	9.3900e-003	9,509.8489

	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	7/13/2020	7/24/2020	5	10	
2	Site Preparation	Site Preparation	7/27/2020	8/7/2020	5	10	
3	Grading	Grading	8/10/2020	10/9/2020	5	45	
4	Building Construction	Building Construction	10/12/2020	10/12/2022	5	523	
5	Architectural Coating	Architectural Coating	3/12/2022	6/10/2022	5	65	
6	Paving	Paving	7/12/2022	9/12/2022	5	45	

Acres of Grading (Site Preparation Phase): 5

Acres of Grading (Grading Phase): 1.01

Acres of Paving: 0

Residential Indoor: 333,335; Residential Outdoor: 111,112; Non-Residential Indoor: 19,500; Non-Residential Outdoor: 6,500; 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	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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	851.00	14.70	6.90	40.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	5,625.00	14.70	6.90	40.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	164.00	35.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	33.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Clean Paved Roads

3.2 Demolition - 2020

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										lb/day					
Fugitive Dust					7.1366	0.0000	7.1366	1.0805	0.0000	1.0805			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761		2,322.3127	2,322.3127	0.5970		2,337.2363
Total	2.1262	20.9463	14.6573	0.0241	7.1366	1.1525	8.2891	1.0805	1.0761	2.1567		2,322.3127	2,322.3127	0.5970		2,337.2363

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	1.3608	41.7069	10.1319	0.1242	2.9741	0.1538	3.1279	0.8151	0.1472	0.9622		13,459.6367	13,459.6367	0.8694		13,481.3727
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	0.0664	0.0471	0.5213	1.4500e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		143.9647	143.9647	4.5400e-003		144.0781
Total	1.4272	41.7540	10.6532	0.1256	3.1194	0.1550	3.2744	0.8536	0.1483	1.0019		13,603.6013	13,603.6013	0.8740		13,625.4508

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					2.6441	0.0000	2.6441	0.4003	0.0000	0.4003			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363
Total	2.1262	20.9463	14.6573	0.0241	2.6441	1.1525	3.7966	0.4003	1.0761	1.4765	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363

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	1.3608	41.7069	10.1319	0.1242	1.9390	0.1538	2.0928	0.5610	0.1472	0.7082		13,459.6367	13,459.6367	0.8694		13,481.3727
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	0.0664	0.0471	0.5213	1.4500e-003	0.0872	1.2100e-003	0.0884	0.0243	1.1200e-003	0.0254		143.9647	143.9647	4.5400e-003		144.0781
Total	1.4272	41.7540	10.6532	0.1256	2.0262	0.1550	2.1812	0.5853	0.1483	0.7335		13,603.6013	13,603.6013	0.8740		13,625.4508

3.3 Site Preparation - 2020

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										lb/day					
Fugitive Dust					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	1.6299	18.3464	7.7093	0.0172	5.7996	0.8210	6.6205	2.9537	0.7553	3.7090		1,667.4119	1,667.4119	0.5393		1,680.8937

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	0.0000	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	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634

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					2.1487	0.0000	2.1487	1.0944	0.0000	1.0944			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	1.6299	18.3464	7.7093	0.0172	2.1487	0.8210	2.9697	1.0944	0.7553	1.8496	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937

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	0.0000	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	0.0409	0.0290	0.3208	8.9000e-004	0.0537	7.5000e-004	0.0544	0.0149	6.9000e-004	0.0156		88.5936	88.5936	2.7900e-003		88.6634
Total	0.0409	0.0290	0.3208	8.9000e-004	0.0537	7.5000e-004	0.0544	0.0149	6.9000e-004	0.0156		88.5936	88.5936	2.7900e-003		88.6634

3.4 Grading - 2020

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										lb/day					
Fugitive Dust					4.6817	0.0000	4.6817	2.5067	0.0000	2.5067			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296		1,365.7183	1,365.7183	0.4417		1,376.7609
Total	1.3498	15.0854	6.4543	0.0141	4.6817	0.6844	5.3661	2.5067	0.6296	3.1363		1,365.7183	1,365.7183	0.4417		1,376.7609

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	1.9988	61.2616	14.8823	0.1824	4.3685	0.2259	4.5944	1.1972	0.2162	1.4134		19,770.324 1	19,770.324 1	1.2771		19,802.251 3
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	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	2.0397	61.2906	15.2032	0.1833	4.4579	0.2267	4.6846	1.2209	0.2168	1.4378		19,858.917 8	19,858.917 8	1.2799		19,890.914 7

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					1.7346	0.0000	1.7346	0.9287	0.0000	0.9287			0.0000			0.0000
Off-Road	1.3498	15.0854	6.4543	0.0141		0.6844	0.6844		0.6296	0.6296	0.0000	1,365.7183	1,365.7183	0.4417		1,376.7609
Total	1.3498	15.0854	6.4543	0.0141	1.7346	0.6844	2.4190	0.9287	0.6296	1.5583	0.0000	1,365.7183	1,365.7183	0.4417		1,376.7609

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	lb/day										lb/day					
Hauling	1.9988	61.2616	14.8823	0.1824	2.8481	0.2259	3.0740	0.8240	0.2162	1.0402		19,770.324 1	19,770.324 1	1.2771		19,802.251 3
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	0.0409	0.0290	0.3208	8.9000e-004	0.0537	7.5000e-004	0.0544	0.0149	6.9000e-004	0.0156		88.5936	88.5936	2.7900e-003		88.6634
Total	2.0397	61.2906	15.2032	0.1833	2.9017	0.2267	3.1284	0.8390	0.2168	1.0558		19,858.917 8	19,858.917 8	1.2799		19,890.914 7

3.5 Building Construction - 2020

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										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467
Total	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688		2,001.1595	2,001.1595	0.3715		2,010.4467

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	0.1301	3.7223	1.0759	8.8300e-003	0.2241	0.0178	0.2419	0.0645	0.0170	0.0815		943.0717	943.0717	0.0631		944.6483
Worker	0.8381	0.5945	6.5766	0.0182	1.8331	0.0153	1.8485	0.4862	0.0141	0.5003		1,816.1694	1,816.1694	0.0572		1,817.6005

Total	0.9682	4.3167	7.6524	0.0271	2.0572	0.0331	2.0903	0.5507	0.0312	0.5818		2,759.2412	2,759.2412	0.1203		2,762.2488
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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	lb/day										lb/day					
Off-Road	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467
Total	2.0305	14.7882	13.1881	0.0220		0.7960	0.7960		0.7688	0.7688	0.0000	2,001.1595	2,001.1595	0.3715		2,010.4467

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	0.1301	3.7223	1.0759	8.8300e-003	0.1506	0.0178	0.1684	0.0465	0.0170	0.0635		943.0717	943.0717	0.0631		944.6483
Worker	0.8381	0.5945	6.5766	0.0182	1.1000	0.0153	1.1154	0.3062	0.0141	0.3203		1,816.1694	1,816.1694	0.0572		1,817.6005
Total	0.9682	4.3167	7.6524	0.0271	1.2507	0.0331	1.2838	0.3527	0.0312	0.3839		2,759.2412	2,759.2412	0.1203		2,762.2488

3.5 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										lb/day					
Off-Road	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		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		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										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	0.1117	3.3911	0.9827	8.7600e-003	0.2241	7.1700e-003	0.2313	0.0645	6.8600e-003	0.0714		935.7093	935.7093	0.0604		937.2195
Worker	0.7820	0.5349	6.0394	0.0177	1.8331	0.0148	1.8480	0.4862	0.0136	0.4998		1,758.4918	1,758.4918	0.0518		1,759.7854
Total	0.8937	3.9260	7.0221	0.0264	2.0572	0.0220	2.0792	0.5507	0.0205	0.5712		2,694.2011	2,694.2011	0.1122		2,697.0049

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
Vendor	0.1117	3.3911	0.9827	8.7600e-003	0.1506	7.1700e-003	0.1578	0.0465	6.8600e-003	0.0534		935.7093	935.7093	0.0604		937.2195
Worker	0.7820	0.5349	6.0394	0.0177	1.1000	0.0148	1.1149	0.3062	0.0136	0.3199		1,758.4918	1,758.4918	0.0518		1,759.7854
Total	0.8937	3.9260	7.0221	0.0264	1.2507	0.0220	1.2727	0.3527	0.0205	0.3732		2,694.2011	2,694.2011	0.1122		2,697.0049

3.5 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										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										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	0.1049	3.2228	0.9302	8.6700e-003	0.2241	6.2700e-003	0.2304	0.0645	6.0000e-003	0.0705		927.3960	927.3960	0.0583		928.8531
Worker	0.7345	0.4831	5.5625	0.0170	1.8331	0.0144	1.8475	0.4862	0.0132	0.4994		1,696.6939	1,696.6939	0.0467		1,697.8619
Total	0.8393	3.7058	6.4927	0.0257	2.0572	0.0206	2.0778	0.5507	0.0192	0.5699		2,624.0899	2,624.0899	0.1050		2,626.7149

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	1.6487	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

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	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	0.1049	3.2228	0.9302	8.6700e-003	0.1506	6.2700e-003	0.1569	0.0465	6.0000e-003	0.0525		927.3960	927.3960	0.0583		928.8531
Worker	0.7345	0.4831	5.5625	0.0170	1.1000	0.0144	1.1144	0.3062	0.0132	0.3194		1,696.6939	1,696.6939	0.0467		1,697.8619
Total	0.8393	3.7058	6.4927	0.0257	1.2507	0.0206	1.2713	0.3527	0.0192	0.3719		2,624.0899	2,624.0899	0.1050		2,626.7149

3.6 Architectural Coating - 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										lb/day					
Archit. Coating	18.0768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	18.2813	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.0000	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	0.1478	0.0972	1.1193	3.4300e-003	0.3689	2.8900e-003	0.3718	0.0978	2.6600e-003	0.1005		341.4079	341.4079	9.4000e-003		341.6429

Total	0.1478	0.0972	1.1193	3.4300e-003	0.3689	2.8900e-003	0.3718	0.0978	2.6600e-003	0.1005		341.4079	341.4079	9.4000e-003		341.6429
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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	lb/day										lb/day					
Archit. Coating	18.0768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	18.2813	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.0000	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	0.1478	0.0972	1.1193	3.4300e-003	0.2214	2.8900e-003	0.2242	0.0616	2.6600e-003	0.0643		341.4079	341.4079	9.4000e-003		341.6429
Total	0.1478	0.0972	1.1193	3.4300e-003	0.2214	2.8900e-003	0.2242	0.0616	2.6600e-003	0.0643		341.4079	341.4079	9.4000e-003		341.6429

3.7 Paving - 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										lb/day					
Off-Road	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608

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	0.0000	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	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866
Total	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866

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	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608

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	0.0000	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	0.0582	0.0383	0.4409	1.3500e-003	0.0872	1.1400e-003	0.0883	0.0243	1.0500e-003	0.0253		134.4940	134.4940	3.7000e-003		134.5866
Total	0.0582	0.0383	0.4409	1.3500e-003	0.0872	1.1400e-003	0.0883	0.0243	1.0500e-003	0.0253		134.4940	134.4940	3.7000e-003		134.5866

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										lb/day					
Mitigated	1.8891	9.4287	24.3435	0.0880	7.4856	0.0751	7.5607	2.0033	0.0701	2.0733		8,957.1472	8,957.1472	0.4733		8,968.9798

Unmitigated	1.8891	9.4287	24.3435	0.0880	7.4856	0.0751	7.5607	2.0033	0.0701	2.0733		8,957.1472	8,957.1472	0.4733		8,968.9798
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	744.60	744.60	744.60	2,864,292	2,864,292
Enclosed Parking with Elevator	0.00	0.00	0.00		
Strip Mall	376.35	376.35	265.59	628,351	628,351
Total	1,120.95	1,120.95	1,010.19	3,492,643	3,492,643

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	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	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	50	0	50

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Enclosed Parking with Elevator	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Strip Mall	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876

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 Mitigated	0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517
NaturalGas Unmitigated	0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517

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 Mid Rise	4292.82	0.0463	0.3956	0.1684	2.5300e-003		0.0320	0.0320		0.0320	0.0320		505.0378	505.0378	9.6800e-003	9.2600e-003	508.0390
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
Strip Mall	58.411	6.3000e-004	5.7300e-003	4.8100e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004		6.8719	6.8719	1.3000e-004	1.3000e-004	6.9127
Total		0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517

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					
Apartments Mid Rise	4.29282	0.0463	0.3956	0.1684	2.5300e-003		0.0320	0.0320		0.0320	0.0320		505.0378	505.0378	9.6800e-003	9.2600e-003	508.0390
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

Strip Mall	0.058411	6.3000e-004	5.7300e-003	4.8100e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004		6.8719	6.8719	1.3000e-004	1.3000e-004	6.9127
Total		0.0469	0.4013	0.1732	2.5600e-003		0.0324	0.0324		0.0324	0.0324		511.9097	511.9097	9.8100e-003	9.3900e-003	514.9517

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	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174
Unmitigated	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174

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	0.3219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.5479					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	0.4263	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777		25.3049	25.3049	0.0245		25.9174

Total	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174
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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	0.3219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.5479					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	0.4263	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777		25.3049	25.3049	0.0245		25.9174
Total	4.2961	0.1621	14.0641	7.4000e-004		0.0777	0.0777		0.0777	0.0777	0.0000	25.3049	25.3049	0.0245	0.0000	25.9174

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
