

**Ventura CalEEMod Example Project
Ventura County APCD Air District, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Parking Lot	50	1000sqft
Quality Restaurant	5	1000sqft
Apartments Mid Rise	100	Dwelling Unit
Supermarket	45	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Utility Company	Southern California Edison
Climate Zone	8	Precipitation Freq (Days)	31		

1.3 User Entered Comments

Project Characteristics -

Land Use - stacked uses result in lot acreages of zero except for the residential use.

Construction Phase - construction phases reduced by half (odd-numbered defaults rounded up).

Off-road Equipment - Doubling equipment consistent with 50% reduction in construction schedule.

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Grading - site preparation cubic yards exported 32. grading cubic yards exported 16.

Water And Wastewater - Assumes 100% aerobic wastewater treatment

Land Use Change - land use change from 3.25 acres grassland to 0.96 acre.

Sequestration - plant 14 trees

Construction Off-road Equipment Mitigation - All engines are Tier 3. Watering twice a day.

Mobile Land Use Mitigation - Density increase 36du/ac, Diversity increase, Destination accessibility 0.2 miles, Transit accessibility 0.03, Below market housing 10 units, Improved ped network onsite and offsite, NEV network

Area Mitigation -

Energy Mitigation - LEED certified 15% reduction from Title 24. On-site 5kW solar generates 8,094 kWh per year.

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					
2011	1,089.57	84.18	51.30	0.09	13.41	5.10	18.01	6.62	5.10	11.22	0.00	8,299.70	0.00	1.19	0.00	8,324.71
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
2011	1,088.94	41.46	50.10	0.09	6.21	3.24	8.88	2.98	3.22	5.65	0.00	8,299.70	0.00	1.19	0.00	8,324.71
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	6.07	0.10	8.68	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.39
Energy	0.10	0.91	0.64	0.01		0.00	0.07		0.00	0.07		1,116.08		0.02	0.02	1,122.87
Mobile	36.31	53.01	281.12	0.34	38.46	1.70	40.16	0.53	1.61	2.14		33,587.78		1.99		33,629.53
Total	42.48	54.02	290.44	0.35	38.46	1.70	40.27	0.53	1.61	2.25	0.00	34,718.90		2.03	0.02	34,767.79

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	6.07	0.10	8.68	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.39
Energy	0.09	0.84	0.59	0.01		0.00	0.06		0.00	0.06		1,025.00		0.02	0.02	1,031.24
Mobile	28.88	36.83	201.34	0.21	22.29	1.06	23.35	0.31	1.00	1.31		20,226.12		1.31		20,253.67
Total	35.04	37.77	210.61	0.22	22.29	1.06	23.45	0.31	1.00	1.41	0.00	21,266.16		1.35	0.02	21,300.30

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

3.2 Site Preparation - 2011

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					2.39	0.00	2.39	0.00	0.00	0.00						0.00
Off-Road	9.36	79.04	39.20	0.07		3.91	3.91		3.91	3.91		7,835.54		0.84		7,853.14
Total	9.36	79.04	39.20	0.07	2.39	3.91	6.30	0.00	3.91	3.91		7,835.54		0.84		7,853.14

3.2 Site Preparation - 2011

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	0.10	1.16	0.65	0.00	0.10	0.05	0.15	0.00	0.04	0.05		157.88		0.01		157.99
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.10	1.02	0.00	0.20	0.00	0.20	0.00	0.00	0.01		154.73		0.01		154.93
Total	0.21	1.26	1.67	0.00	0.30	0.05	0.35	0.00	0.04	0.06		312.61		0.02		312.92

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					1.07	0.00	1.07	0.00	0.00	0.00						0.00
Off-Road	5.64	36.36	41.08	0.07		2.50	2.50		2.50	2.50	0.00	7,835.54		0.84		7,853.14
Total	5.64	36.36	41.08	0.07	1.07	2.50	3.57	0.00	2.50	2.50	0.00	7,835.54		0.84		7,853.14

3.2 Site Preparation - 2011

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	0.10	1.16	0.65	0.00	0.10	0.05	0.15	0.00	0.04	0.05		157.88		0.01		157.99
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.10	1.02	0.00	0.20	0.00	0.20	0.00	0.00	0.01		154.73		0.01		154.93
Total	0.21	1.26	1.67	0.00	0.30	0.05	0.35	0.00	0.04	0.06		312.61		0.02		312.92

3.3 Grading - 2011

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					13.11	0.00	13.11	6.62	0.00	6.62						0.00
Off-Road	10.51	83.66	47.81	0.07		4.58	4.58		4.58	4.58		7,655.17		0.94		7,675.00
Total	10.51	83.66	47.81	0.07	13.11	4.58	17.69	6.62	4.58	11.20		7,655.17		0.94		7,675.00

3.3 Grading - 2011

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	0.03	0.39	0.22	0.00	0.05	0.02	0.06	0.00	0.01	0.02		52.63		0.00		52.66
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.15	0.14	1.37	0.00	0.26	0.01	0.27	0.00	0.01	0.01		206.31		0.01		206.58
Total	0.18	0.53	1.59	0.00	0.31	0.03	0.33	0.00	0.02	0.03		258.94		0.01		259.24

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					5.90	0.00	5.90	2.98	0.00	2.98						0.00
Off-Road	5.64	36.04	41.65	0.07		2.65	2.65		2.65	2.65	0.00	7,655.17		0.94		7,675.00
Total	5.64	36.04	41.65	0.07	5.90	2.65	8.55	2.98	2.65	5.63	0.00	7,655.17		0.94		7,675.00

3.3 Grading - 2011

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	0.03	0.39	0.22	0.00	0.05	0.02	0.06	0.00	0.01	0.02		52.63		0.00		52.66
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.15	0.14	1.37	0.00	0.26	0.01	0.27	0.00	0.01	0.01		206.31		0.01		206.58
Total	0.18	0.53	1.59	0.00	0.31	0.03	0.33	0.00	0.02	0.03		258.94		0.01		259.24

3.4 Building Construction - 2011

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	12.25	65.33	40.71	0.07		4.50	4.50		4.50	4.50		6,466.22		1.10		6,489.29
Total	12.25	65.33	40.71	0.07		4.50	4.50		4.50	4.50		6,466.22		1.10		6,489.29

3.4 Building Construction - 2011

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.43	4.78	3.08	0.01	0.25	0.15	0.40	0.01	0.14	0.15		698.79		0.02		699.24
Worker	0.80	0.75	7.51	0.01	1.44	0.04	1.47	0.02	0.03	0.05		1,134.69		0.07		1,136.17
Total	1.23	5.53	10.59	0.02	1.69	0.19	1.87	0.03	0.17	0.20		1,833.48		0.09		1,835.41

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	7.29	35.93	39.51	0.07		3.05	3.05		3.05	3.05	0.00	6,466.22		1.10		6,489.29
Total	7.29	35.93	39.51	0.07		3.05	3.05		3.05	3.05	0.00	6,466.22		1.10		6,489.29

3.4 Building Construction - 2011

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.43	4.78	3.08	0.01	0.25	0.15	0.40	0.01	0.14	0.15		698.79		0.02		699.24
Worker	0.80	0.75	7.51	0.01	1.44	0.04	1.47	0.02	0.03	0.05		1,134.69		0.07		1,136.17
Total	1.23	5.53	10.59	0.02	1.69	0.19	1.87	0.03	0.17	0.20		1,833.48		0.09		1,835.41

3.5 Paving - 2011

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	9.46	57.93	34.25	0.05		5.09	5.09		5.09	5.09		4,786.84		0.85		4,804.64
Paving	0.60					0.00	0.00		0.00	0.00						0.00
Total	10.06	57.93	34.25	0.05		5.09	5.09		5.09	5.09		4,786.84		0.85		4,804.64

3.5 Paving - 2011

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.22	0.20	2.05	0.00	0.39	0.01	0.40	0.01	0.01	0.01		309.46		0.02		309.87
Total	0.22	0.20	2.05	0.00	0.39	0.01	0.40	0.01	0.01	0.01		309.46		0.02		309.87

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	4.12	24.74	30.51	0.05		2.47	2.47		2.47	2.47	0.00	4,786.84		0.85		4,804.64
Paving	0.60					0.00	0.00		0.00	0.00						0.00
Total	4.72	24.74	30.51	0.05		2.47	2.47		2.47	2.47	0.00	4,786.84		0.85		4,804.64

3.5 Paving - 2011

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.22	0.20	2.05	0.00	0.39	0.01	0.40	0.01	0.01	0.01		309.46		0.02		309.87
Total	0.22	0.20	2.05	0.00	0.39	0.01	0.40	0.01	0.01	0.01		309.46		0.02		309.87

3.6 Architectural Coating - 2011

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	1,088.29					0.00	0.00		0.00	0.00						0.00
Off-Road	1.13	6.73	3.96	0.01		0.62	0.62		0.62	0.62		562.38		0.10		564.50
Total	1,089.42	6.73	3.96	0.01		0.62	0.62		0.62	0.62		562.38		0.10		564.50

3.6 Architectural Coating - 2011

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.16	0.15	1.50	0.00	0.29	0.01	0.29	0.00	0.01	0.01		226.94		0.01		227.23
Total	0.16	0.15	1.50	0.00	0.29	0.01	0.29	0.00	0.01	0.01		226.94		0.01		227.23

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	1,088.29					0.00	0.00		0.00	0.00						0.00
Off-Road	0.49	2.97	3.66	0.01		0.30	0.30		0.30	0.30	0.00	562.38		0.10		564.50
Total	1,088.78	2.97	3.66	0.01		0.30	0.30		0.30	0.30	0.00	562.38		0.10		564.50

3.6 Architectural Coating - 2011

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.16	0.15	1.50	0.00	0.29	0.01	0.29	0.00	0.01	0.01		226.94		0.01		227.23
Total	0.16	0.15	1.50	0.00	0.29	0.01	0.29	0.00	0.01	0.01		226.94		0.01		227.23

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

- Increase Density
- Increase Diversity
- Improve Destination Accessibility
- Increase Transit Accessibility
- Integrate Below Market Rate Housing
- Improve Pedestrian Network
- Implement NEV Network

	ROG	NOx	CO	SO2	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	28.88	36.83	201.34	0.21	22.29	1.06	23.35	0.31	1.00	1.31		20,226.12		1.31		20,253.67
Unmitigated	36.31	53.01	281.12	0.34	38.46	1.70	40.16	0.53	1.61	2.14		33,587.78		1.99		33,629.53
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	659.00	716.00	607.00	1,822,838	1,056,311
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	449.75	471.80	360.80	522,142	302,574
Supermarket	4,600.80	7,991.55	7489.80	6,253,559	3,623,854
Total	5,709.55	9,179.35	8,457.60	8,598,540	4,982,739

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Mid Rise	10.80	7.30	7.50	32.90	18.00	49.10
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00

Land Use	Miles			Trip %		
	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
Quality Restaurant	9.50	7.30	7.30	12.00	69.00	19.00
Supermarket	9.50	7.30	7.30	6.50	74.50	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

Exceed Title 24

Kilowatt Hours of Renewable Electricity Generated

	ROG	NOx	CO	SO2	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	0.09	0.84	0.59	0.01		0.00	0.06		0.00	0.06		1,025.00		0.02	0.02	1,031.24
NaturalGas Unmitigated	0.10	0.91	0.64	0.01		0.00	0.07		0.00	0.07		1,116.08		0.02	0.02	1,122.87
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	lb/day										lb/day					
Apartments Mid Rise	3280.35	0.04	0.30	0.13	0.00		0.00	0.02		0.00	0.02		385.92		0.01	0.01	388.27
Parking Lot	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Quality Restaurant	3608.63	0.04	0.35	0.30	0.00		0.00	0.03		0.00	0.03		424.54		0.01	0.01	427.13
Supermarket	2597.67	0.03	0.25	0.21	0.00		0.00	0.02		0.00	0.02		305.61		0.01	0.01	307.47
Total		0.11	0.90	0.64	0.00		0.00	0.07		0.00	0.07		1,116.07		0.03	0.03	1,122.87

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	lb/day										lb/day					
Apartments Mid Rise	2.86967	0.03	0.26	0.11	0.00		0.00	0.02		0.00	0.02		337.61		0.01	0.01	339.66
Parking Lot	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Quality Restaurant	3.43876	0.04	0.34	0.28	0.00		0.00	0.03		0.00	0.03		404.56		0.01	0.01	407.02
Supermarket	2.40405	0.03	0.24	0.20	0.00		0.00	0.02		0.00	0.02		282.83		0.01	0.01	284.55
Total		0.10	0.84	0.59	0.00		0.00	0.07		0.00	0.07		1,025.00		0.03	0.03	1,031.23

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	6.07	0.10	8.68	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.39
Unmitigated	6.07	0.10	8.68	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00	15.39
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	1.49					0.00	0.00		0.00	0.00							0.00
Consumer Products	4.28					0.00	0.00		0.00	0.00							0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00		0.00
Landscaping	0.30	0.10	8.68	0.00		0.00	0.04		0.00	0.04		15.04		0.02			15.39
Total	6.07	0.10	8.68	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00		15.39

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	1.49					0.00	0.00		0.00	0.00							0.00
Consumer Products	4.28					0.00	0.00		0.00	0.00							0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00		0.00
Landscaping	0.30	0.10	8.68	0.00		0.00	0.04		0.00	0.04		15.04		0.02			15.39
Total	6.07	0.10	8.68	0.00		0.00	0.04		0.00	0.04	0.00	15.04		0.02	0.00		15.39

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation
