URBAN CROSSROADS

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May 21, 2013

Mr. Joel Morse
T&B PLANNING
17542 East 17th Street, Suite 100
Tustin, CA 92780

Subject: Via Lido Project Focused Construction Air Quality Analysis

Dear Mr. Morse:

The firm of Urban Crossroads, Inc. is pleased to submit the following focused construction air quality analysis for the proposed Via Lido Project ("Project"). The Project site is generally located at 3303 and 3305 Via Lido in the City of Newport Beach.

The purpose of this analysis is to determine the construction-related air quality impacts for Project and provide any mitigation measures that will be required to maintain potential impacts at less than significant levels.

PROPOSED DEVELOPMENT

The project applicant is proposing the demolition of an existing church and office building and approval for the development of 23 attached three-story townhome condominiums, constructed in five separate building blocks.

APPLICABLE THRESHOLDS OF SIGNIFICANCE

California Environmental Quality Act (CEQA) allows for the significance criteria established by the applicable air quality management or air pollution control district to be used to assess impacts of a project on air quality. The South Coast Air Quality Management District (SCAQMD) has established regional daily thresholds of significance for air quality for construction activities and project operations, as shown in Table 1.

TABLE 1 SCAQMD REGIONAL SIGNIFICANCE THRESHOLDS

Air Pollutant	*Construction*	*Operations*
Volatile Organic Compounds (VOC)	75 lbs/day	55 lbs/day
Nitrogen Oxides (NO_X)	100 lbs/day	55 lbs/day
Carbon Monoxide (CO)	550 lbs/day	550 lbs/day
Sulfur Oxides (SO_X)	150 lbs/day	150 lbs/day
Particulates (PM_{10})	150 lbs/day	150 lbs/day
Fine particulates ($PM_{2.5}$)	55 lbs/day	55 lbs/day

Source: SCAQMD, 2011. http://aqmd.gov/ceqa/handbook/signthres.pdf

The SCAQMD developed localized significance thresholds (LSTs) for emissions of NO_2, CO, PM_{10}, and $PM_{2.5}$ generated at the project site (off-site mobile-source emissions are not included the LST analysis). LSTs represent the maximum emissions at a project site that are not expected to cause or contribute to an exceedance of the most stringent federal or state Ambient Air Quality Standards **(**AAQS). LSTs are based on the ambient concentrations of that pollutant within the project Source Receptor Area (SRA) and the distance to the nearest sensitive receptor. LST analysis for construction is applicable for all projects of five acres and less; however, it can be used as screening criteria for larger projects to determine whether or not dispersion modeling may be required. The construction LSTs for a 1.196-acre maximum daily disturbance within SRA 18/20 for sensitive receptors located within 25 meters (approximately 82 feet)[1] are shown in Table 2. If emissions exceed the LSTs (after mitigation), then dispersion modeling would need to be conducted to determine whether potential impacts would occur.

TABLE 2 SCAQMD LOCALIZED SIGNIFICANCE THRESHOLD – SCREENING LEVEL ANALYSIS

Air Pollutant	***Threshold (lbs/day)*** ***Construction***
Carbon Monoxide (CO)	708.74
Nitrogen Oxides (NO_2)	99.64
Particulates (PM_{10})	4.59
Fine Particulates ($PM_{2.5}$)	3.39

Source: SCAQMD 2009, Mass Rate Lookup Tables: Based on LSTs for a 1.196-acre disturbance site (using SCAQMD's linear regression approach in SRA 18/20 at a distance of 25 meters (~82 feet) between the source and receptor.

CONSTRUCTION IMPACTS WITHOUT MITIGATION

Construction activities associated with the proposed project will result in emissions of CO, VOCs, NO_x, SO_x, $PM_{2.5}$, and PM_{10}. Construction related emissions are expected from the following construction equipment and construction activities:

- Demolition
- Site Preparation
- Grading
- Foundation/Building Construction/Painting
- Site Concrete

Since site specific construction details are not known with a great deal of certainty at this stage of the development process, thus the CalEEMoD™ model default values were utilized where information was

[1] Although sensitive receptors may be located nearer than 25 meters, immediately adjacent to the Project site boundaries. The SCAQMD LST Methodology explicitly states that "*It is possible that a project may have receptors closer than 25 meters. Projects with boundaries located closer than 25 meters to the nearest receptor should use the LSTs for receptors located at 25 meters.*" Accordingly, LSTs for receptors at 25 meters are utilized in this analysis and provide for a conservative i.e. "health protective" standard of care.

unknown. The following table summarized construction equipment assumptions that were modeled for analysis purposes. The following pieces of equipment were provided by the Project engineer for all construction scenarios with the exception of site preparation, which utilized CalEEMod model details. The Project includes demolition of an existing church and office building totaling approximately 41,430 square feet or 1,905.78 tons of debris[2] that will be hauled off-site. All demolition debris generated as part of the Project would be disposed of off-site. The disposal location has not been determined, but is expected to be delivered to the Frank R. Bowerman Sanitary Landfill, located at 11002 Bee Canyon Access Road in Irvine (approximately 21.7 roadway miles from the proposed Project site). According to information provided from the Project Applicant, demolition debris would be recycled where possible, but all such recycling would occur off-site; none of the site's demolition debris would be used during construction of the proposed Project (Wieland-Davco Corporation, 2013).

CONSTRUCTION EQUIPMENT ASSUMPTIONS

Operation	Dozers	Excavator/Backhoe	Grader	Loader	Skit Steer	Forklift	Crane	Boom\Manlift	Roller/Compactor	Welding Machine	Air Compressor	Air Compressor
Demolition	1	2		1	1							
Site Preparation	1	1	1									
Grading	1	2										
Foundation/Building Construction/Painting		1			1	2	1	2		2		
Site Concrete					1				1			

As shown in Table 3, construction activities would not exceed the SCAQMD regional thresholds for the VOC, NO_x CO, SO_X, PM_{10}, and $PM_{2.5}$ before application of the best management practices (BMPs). Table 5, provides a summary of regional project emissions with application of BMPs.

Table 4 and Table 6 show the maximum daily construction emissions (pounds per day) generated during construction activities compared with the screening level LSTs for a maximum 1.196-acre daily disturbance area. In accordance with SCAQMD methodology, only onsite stationary sources and mobile equipment occurring on the project site are included in the analysis. As shown in Table 5, maximum daily combined

[2] Tonnage of waste material is 0.046 tons of waste material per 1 ft2 of building area. Source: CalEEMod™ 2011 Appendix A, Page 12 and USEPA's Gap Filling PM10 Emission Factors for Selected Open Area Dust Sources (1988), Page 28. Thus, the 41,430 gross square feet of existing building space to be demolished (per the site plan) x 0.046 tons = 1,905.78 tons of debris.

emissions for NO_X and CO from the project would not exceed the LSTs. PM_{10} and $PM_{2.5}$ emissions have the potential to exceed the LSTs before application of the BMPs. After application of BMPs for watering, emissions are reduced to less than significant. Consequently, construction emissions generated by the project would not expose sensitive receptors to substantial pollutant concentrations and impacts would be less than significant since the applicable BMPs are required for all construction Projects consistent with SCAQMD's Rule 403.

BEST MANAGEMENT PRACTICES

The project will implement the following best management practices (BMPs) that will ensure that fugitive dust emissions during construction activities are reduced to less than significant levels. Table 5 (regional emissions) and Table 6 (localized emissions) provide the construction emissions summary after implementation of the following BMPs.

- Adhere to best management practices which include the application of water on disturbed soils three times per day, covering haul vehicles, replanting disturbed areas as soon as practical and restricting vehicle speeds on unpaved roads to 15 mph or less, to control fugitive dust.
- SCAQMD Rule 403: Fugitive Dust. Requires control measures to reduce fugitive dust from active operations, storage piles, or disturbed surfaces so as to not be visible beyond the property line or exceed 20 percent opacity.

TABLE 3 OVERALL CONSTRUCTION (MAXIMUM DAILY EMISSIONS) (POUNDS PER DAY) (WITHOUT BMPS)

Activity	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
Maximum Daily Emissions	**72.17**	**39.73**	**25.56**	**0.04**	**9.17**	**4.83**
SCAQMD Regional Threshold	75	100	550	150	150	55
Significant?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**

TABLE 4 LOCALIZED SIGNIFICANCE SUMMARY CONSTRUCTION (WITHOUT BMPS)

Activity	NO_x	CO	PM_{10}	$PM_{2.5}$
Maximum Daily Emissions	**34.56**	**21.62**	**7.85**	**4.82**
SCAQMD Localized Threshold	99.64	708.74	4.59	3.39
Significant?	**NO**	**NO**	**YES**	**YES**

TABLE 5 OVERALL CONSTRUCTION (MAXIMUM DAILY EMISSIONS) (POUNDS PER DAY) (WITH BMPS)

Activity	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
Maximum Daily Emissions	**72.17**	**39.73**	**25.56**	**0.04**	**7.93**	**2.81**
SCAQMD Regional Threshold	75	100	550	150	150	55
Significant?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**

TABLE 6 LOCALIZED SIGNIFICANCE SUMMARY CONSTRUCTION (WITH BMPS)

Activity	NO_x	CO	PM_{10}	$PM_{2.5}$
Maximum Daily Emissions	**34.56**	**21.62**	**3.98**	**2.82**
SCAQMD Localized Threshold	99.64	708.74	4.59	3.39
Significant?	**NO**	**NO**	**NO**	**NO**

CONCLUSION

Results of the analysis indicate that the proposed projects short-term construction emissions will not exceed the established regional or localized significance thresholds. Therefore a less than significant impact is expected.

If you have any questions, please contact me directly at (949) 660-1994 x217.

URBAN CROSSROADS, INC.

Haseeb Qureshi, MES
Senior Associate

HQ

JN: 08561-03 AQ Letter

Attachment

ATTACHMENT “A”

CALEEMOD™ MODELING OUTPUT

Via Lido

Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Parking Lot	58	Space
Condo/Townhouse	23	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	Southern California Edison
Climate Zone	8	**Precipitation Freq (Days)**	30		

1.3 User Entered Comments

Project Characteristics -

Land Use - Lot acreage from Project Plans

Construction Phase -

Off-road Equipment -

Off-road Equipment - Equipment list from Project Engineer

Off-road Equipment - Equipment list from Project Engineer

Off-road Equipment - Equipment list from Project Engineer

Off-road Equipment - Equipment list from Project Engineer

Off-road Equipment -

Demolition -

Grading - Total Disturbed Acres from Site Plan

Construction Off-road Equipment Mitigation -

Trips and VMT - Demolition Trip Length from Project description

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					
2013	5.44	39.73	25.56	0.04	7.01	2.16	9.17	3.31	2.16	4.83	0.00	4,543.51	0.00	0.49	0.00	4,553.75
2014	72.17	29.43	23.69	0.04	0.45	1.81	2.27	0.02	1.81	1.83	0.00	4,037.76	0.00	0.44	0.00	4,047.11
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					
2013	5.44	39.73	25.56	0.04	5.77	2.16	7.93	1.30	2.16	2.81	0.00	4,543.51	0.00	0.49	0.00	4,553.75
2014	72.17	29.43	23.69	0.04	0.45	1.81	2.27	0.02	1.81	1.83	0.00	4,037.76	0.00	0.44	0.00	4,047.11
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	3.62	0.14	9.57	0.02		0.00	1.23		0.00	1.23	162.30	417.46		0.65	0.01	596.41
Energy	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
Mobile	0.81	1.52	8.21	0.02	1.81	0.07	1.89	0.06	0.07	0.13		1,549.80		0.06		1,551.09
Total	**4.45**	**1.81**	**17.84**	**0.04**	**1.81**	**0.07**	**3.13**	**0.06**	**0.07**	**1.37**	**162.30**	**2,157.20**		**0.71**	**0.01**	**2,338.60**

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	3.62	0.14	9.57	0.02		0.00	1.23		0.00	1.23	162.30	417.46		0.65	0.01	596.41
Energy	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
Mobile	0.81	1.52	8.21	0.02	1.81	0.07	1.89	0.06	0.07	0.13		1,549.80		0.06		1,551.09
Total	**4.45**	**1.81**	**17.84**	**0.04**	**1.81**	**0.07**	**3.13**	**0.06**	**0.07**	**1.37**	**162.30**	**2,157.20**		**0.71**	**0.01**	**2,338.60**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2013

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					2.04	0.00	2.04	0.00	0.00	0.00						0.00
Off-Road	4.63	34.56	21.62	0.03		1.95	1.95		1.95	1.95		3,558.13		0.42		3,566.87
Total	**4.63**	**34.56**	**21.62**	**0.03**	**2.04**	**1.95**	**3.99**	**0.00**	**1.95**	**1.95**		**3,558.13**		**0.42**		**3,566.87**

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	0.50	5.10	3.08	0.01	4.77	0.21	4.98	0.03	0.21	0.24		827.15		0.02		827.68
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	0.07	0.08	0.87	0.00	0.20	0.01	0.21	0.01	0.01	0.01		158.22		0.01		158.41
Total	**0.57**	**5.18**	**3.95**	**0.01**	**4.97**	**0.22**	**5.19**	**0.04**	**0.22**	**0.25**		**985.37**		**0.03**		**986.09**

3.2 Demolition - 2013

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					0.80	0.00	0.80	0.00	0.00	0.00						0.00
Off-Road	4.63	34.56	21.62	0.03		1.95	1.95		1.95	1.95	0.00	3,558.13		0.42		3,566.87
Total	**4.63**	**34.56**	**21.62**	**0.03**	**0.80**	**1.95**	**2.75**	**0.00**	**1.95**	**1.95**	**0.00**	**3,558.13**		**0.42**		**3,566.87**

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	0.50	5.10	3.08	0.01	4.77	0.21	4.98	0.03	0.21	0.24		827.15		0.02		827.68
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	0.07	0.08	0.87	0.00	0.20	0.01	0.21	0.01	0.01	0.01		158.22		0.01		158.41
Total	**0.57**	**5.18**	**3.95**	**0.01**	**4.97**	**0.22**	**5.19**	**0.04**	**0.22**	**0.25**		**985.37**		**0.03**		**986.09**

3.3 Site Preparation - 2013

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					5.80	0.00	5.80	2.90	0.00	2.90						0.00
Off-Road	3.96	31.66	18.62	0.03		1.60	1.60		1.60	1.60		3,253.39		0.36		3,260.86
Total	**3.96**	**31.66**	**18.62**	**0.03**	**5.80**	**1.60**	**7.40**	**2.90**	**1.60**	**4.50**		**3,253.39**		**0.36**		**3,260.86**

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	0.05	0.05	0.53	0.00	0.12	0.00	0.13	0.00	0.00	0.01		97.37		0.01		97.48
Total	**0.05**	**0.05**	**0.53**	**0.00**	**0.12**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**97.37**		**0.01**		**97.48**

3.3 Site Preparation - 2013

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					2.26	0.00	2.26	1.13	0.00	1.13						0.00
Off-Road	3.96	31.66	18.62	0.03		1.60	1.60		1.60	1.60	0.00	3,253.39		0.36		3,260.86
Total	**3.96**	**31.66**	**18.62**	**0.03**	**2.26**	**1.60**	**3.86**	**1.13**	**1.60**	**2.73**	**0.00**	**3,253.39**		**0.36**		**3,260.86**

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	0.05	0.05	0.53	0.00	0.12	0.00	0.13	0.00	0.00	0.01		97.37		0.01		97.48
Total	**0.05**	**0.05**	**0.53**	**0.00**	**0.12**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**97.37**		**0.01**		**97.48**

3.4 Grading - 2013

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					6.34	0.00	6.34	3.31	0.00	3.31						0.00
Off-Road	3.67	29.09	16.99	0.03		1.51	1.51		1.51	1.51		2,941.28		0.33		2,948.20
Total	**3.67**	**29.09**	**16.99**	**0.03**	**6.34**	**1.51**	**7.85**	**3.31**	**1.51**	**4.82**		**2,941.28**		**0.33**		**2,948.20**

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	0.05	0.05	0.53	0.00	0.12	0.00	0.13	0.00	0.00	0.01		97.37		0.01		97.48
Total	**0.05**	**0.05**	**0.53**	**0.00**	**0.12**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**97.37**		**0.01**		**97.48**

3.4 Grading - 2013

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					2.47	0.00	2.47	1.29	0.00	1.29						0.00
Off-Road	3.67	29.09	16.99	0.03		1.51	1.51		1.51	1.51	0.00	2,941.28		0.33		2,948.20
Total	**3.67**	**29.09**	**16.99**	**0.03**	**2.47**	**1.51**	**3.98**	**1.29**	**1.51**	**2.80**	**0.00**	**2,941.28**		**0.33**		**2,948.20**

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	0.05	0.05	0.53	0.00	0.12	0.00	0.13	0.00	0.00	0.01		97.37		0.01		97.48
Total	**0.05**	**0.05**	**0.53**	**0.00**	**0.12**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**97.37**		**0.01**		**97.48**

3.5 Building Construction - 2013

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	5.21	30.67	21.86	0.04		1.99	1.99		1.99	1.99		3,565.22		0.47		3,575.00
Total	**5.21**	**30.67**	**21.86**	**0.04**		**1.99**	**1.99**		**1.99**	**1.99**		**3,565.22**		**0.47**		**3,575.00**

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	0.09	0.93	0.62	0.00	0.06	0.03	0.09	0.00	0.03	0.04		161.65		0.00		161.74
Worker	0.15	0.15	1.73	0.00	0.40	0.01	0.41	0.01	0.01	0.03		316.45		0.02		316.81
Total	**0.24**	**1.08**	**2.35**	**0.00**	**0.46**	**0.04**	**0.50**	**0.01**	**0.04**	**0.07**		**478.10**		**0.02**		**478.55**

3.5 Building Construction - 2013

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	5.21	30.67	21.86	0.04		1.99	1.99		1.99	1.99	0.00	3,565.22		0.47		3,575.00
Total	**5.21**	**30.67**	**21.86**	**0.04**		**1.99**	**1.99**		**1.99**	**1.99**	**0.00**	**3,565.22**		**0.47**		**3,575.00**

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	0.09	0.93	0.62	0.00	0.06	0.03	0.09	0.00	0.03	0.04		161.65		0.00		161.74
Worker	0.15	0.15	1.73	0.00	0.40	0.01	0.41	0.01	0.01	0.03		316.45		0.02		316.81
Total	**0.24**	**1.08**	**2.35**	**0.00**	**0.46**	**0.04**	**0.50**	**0.01**	**0.04**	**0.07**		**478.10**		**0.02**		**478.55**

3.5 Building Construction - 2014

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	4.74	28.45	21.52	0.04		1.77	1.77		1.77	1.77		3,565.22		0.42		3,574.14
Total	**4.74**	**28.45**	**21.52**	**0.04**		**1.77**	**1.77**		**1.77**	**1.77**		**3,565.22**		**0.42**		**3,574.14**

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	0.08	0.84	0.56	0.00	0.06	0.03	0.08	0.00	0.03	0.03		162.24		0.00		162.33
Worker	0.14	0.14	1.60	0.00	0.40	0.01	0.41	0.01	0.01	0.03		310.30		0.02		310.64
Total	**0.22**	**0.98**	**2.16**	**0.00**	**0.46**	**0.04**	**0.49**	**0.01**	**0.04**	**0.06**		**472.54**		**0.02**		**472.97**

3.5 Building Construction - 2014

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	4.74	28.45	21.52	0.04		1.77	1.77		1.77	1.77	0.00	3,565.22		0.42		3,574.14
Total	**4.74**	**28.45**	**21.52**	**0.04**		**1.77**	**1.77**		**1.77**	**1.77**	**0.00**	**3,565.22**		**0.42**		**3,574.14**

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	0.08	0.84	0.56	0.00	0.06	0.03	0.08	0.00	0.03	0.03		162.24		0.00		162.33
Worker	0.14	0.14	1.60	0.00	0.40	0.01	0.41	0.01	0.01	0.03		310.30		0.02		310.64
Total	**0.22**	**0.98**	**2.16**	**0.00**	**0.46**	**0.04**	**0.49**	**0.01**	**0.04**	**0.06**		**472.54**		**0.02**		**472.97**

3.6 Paving - 2014

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	1.00	5.85	4.57	0.01		0.45	0.45		0.45	0.45		615.95		0.09		617.84
Paving	0.14					0.00	0.00		0.00	0.00						0.00
Total	**1.14**	**5.85**	**4.57**	**0.01**		**0.45**	**0.45**		**0.45**	**0.45**		**615.95**		**0.09**		**617.84**

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	0.03	0.03	0.31	0.00	0.08	0.00	0.08	0.00	0.00	0.01		59.67		0.00		59.74
Total	**0.03**	**0.03**	**0.31**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.01**		**59.67**		**0.00**		**59.74**

3.6 Paving - 2014

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	1.00	5.85	4.57	0.01		0.45	0.45		0.45	0.45	0.00	615.95		0.09		617.84
Paving	0.14					0.00	0.00		0.00	0.00						0.00
Total	**1.14**	**5.85**	**4.57**	**0.01**		**0.45**	**0.45**		**0.45**	**0.45**	**0.00**	**615.95**		**0.09**		**617.84**

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	0.03	0.03	0.31	0.00	0.08	0.00	0.08	0.00	0.00	0.01		59.67		0.00		59.74
Total	**0.03**	**0.03**	**0.31**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.01**		**59.67**		**0.00**		**59.74**

3.7 Architectural Coating - 2014

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	71.69					0.00	0.00		0.00	0.00						0.00
Off-Road	0.45	2.77	1.92	0.00		0.24	0.24		0.24	0.24		281.19		0.04		282.03
Total	**72.14**	**2.77**	**1.92**	**0.00**		**0.24**	**0.24**		**0.24**	**0.24**		**281.19**		**0.04**		**282.03**

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	0.03	0.03	0.31	0.00	0.08	0.00	0.08	0.00	0.00	0.01		59.67		0.00		59.74
Total	**0.03**	**0.03**	**0.31**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.01**		**59.67**		**0.00**		**59.74**

3.7 Architectural Coating - 2014

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	71.69					0.00	0.00		0.00	0.00						0.00
Off-Road	0.45	2.77	1.92	0.00		0.24	0.24		0.24	0.24	0.00	281.19		0.04		282.03
Total	**72.14**	**2.77**	**1.92**	**0.00**		**0.24**	**0.24**		**0.24**	**0.24**	**0.00**	**281.19**		**0.04**		**282.03**

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	0.03	0.03	0.31	0.00	0.08	0.00	0.08	0.00	0.00	0.01		59.67		0.00		59.74
Total	**0.03**	**0.03**	**0.31**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.01**		**59.67**		**0.00**		**59.74**

4.0 Mobile Detail

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	0.81	1.52	8.21	0.02	1.81	0.07	1.89	0.06	0.07	0.13		1,549.80		0.06		1,551.09
Unmitigated	0.81	1.52	8.21	0.02	1.81	0.07	1.89	0.06	0.07	0.13		1,549.80		0.06		1,551.09
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	151.57	164.68	139.61	505,362	505,362
Parking Lot	0.00	0.00	0.00		
Total	151.57	164.68	139.61	505,362	505,362

4.3 Trip Type Information

	Miles			Trip %		
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
Condo/Townhouse	12.70	7.00	9.50	40.20	19.20	40.60
Parking Lot	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

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	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
NaturalGas Unmitigated	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
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					
Condo/Townhouse	1614.49	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
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
Total		**0.02**	**0.15**	**0.06**	**0.00**		**0.00**	**0.01**		**0.00**	**0.01**		**189.94**		**0.00**	**0.00**	**191.10**

5.2 Energy by Land Use - NaturalGas

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					
Condo/Townhouse	1.61449	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
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
Total		**0.02**	**0.15**	**0.06**	**0.00**		**0.00**	**0.01**		**0.00**	**0.01**		**189.94**		**0.00**	**0.00**	**191.10**

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	3.62	0.14	9.57	0.02		0.00	1.23		0.00	1.23	162.30	417.46		0.65	0.01	596.41
Unmitigated	3.62	0.14	9.57	0.02		0.00	1.23		0.00	1.23	162.30	417.46		0.65	0.01	596.41
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	0.20					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.91					0.00	0.00		0.00	0.00						0.00
Hearth	2.45	0.11	7.61	0.02		0.00	1.22		0.00	1.22	162.30	414.00		0.64	0.01	592.88
Landscaping	0.06	0.02	1.96	0.00		0.00	0.01		0.00	0.01		3.46		0.00		3.53
Total	**3.62**	**0.13**	**9.57**	**0.02**		**0.00**	**1.23**		**0.00**	**1.23**	**162.30**	**417.46**		**0.64**	**0.01**	**596.41**

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	0.20					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.91					0.00	0.00		0.00	0.00						0.00
Hearth	2.45	0.11	7.61	0.02		0.00	1.22		0.00	1.22	162.30	414.00		0.64	0.01	592.88
Landscaping	0.06	0.02	1.96	0.00		0.00	0.01		0.00	0.01		3.46		0.00		3.53
Total	**3.62**	**0.13**	**9.57**	**0.02**		**0.00**	**1.23**		**0.00**	**1.23**	**162.30**	**417.46**		**0.64**	**0.01**	**596.41**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

Via Lido

Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Parking Lot	58	Space
Condo/Townhouse	23	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	Southern California Edison
Climate Zone	8	**Precipitation Freq (Days)**	30		

1.3 User Entered Comments

Project Characteristics -

Land Use - Lot acreage from Project Plans

Construction Phase -

Off-road Equipment -

Off-road Equipment - Equipment list from Project Engineer

Off-road Equipment - Equipment list from Project Engineer

Off-road Equipment - Equipment list from Project Engineer

Off-road Equipment - Equipment list from Project Engineer

Off-road Equipment -

Demolition -

Grading - Total Disturbed Acres from Site Plan

Construction Off-road Equipment Mitigation -

Trips and VMT - Demolition Trip Length from Project description

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					
2013	5.46	40.05	25.70	0.04	7.01	2.16	9.17	3.31	2.16	4.83	0.00	4,530.29	0.00	0.49	0.00	4,540.52
2014	72.17	29.49	23.67	0.04	0.45	1.81	2.27	0.02	1.81	1.83	0.00	4,016.58	0.00	0.44	0.00	4,025.91
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					
2013	5.46	40.05	25.70	0.04	5.77	2.16	7.93	1.30	2.16	2.81	0.00	4,530.29	0.00	0.49	0.00	4,540.52
2014	72.17	29.49	23.67	0.04	0.45	1.81	2.27	0.02	1.81	1.83	0.00	4,016.58	0.00	0.44	0.00	4,025.91
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	3.62	0.14	9.57	0.02		0.00	1.23		0.00	1.23	162.30	417.46		0.65	0.01	596.41
Energy	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
Mobile	0.87	1.68	8.02	0.02	1.81	0.07	1.89	0.06	0.07	0.14		1,462.71		0.06		1,463.96
Total	**4.51**	**1.97**	**17.65**	**0.04**	**1.81**	**0.07**	**3.13**	**0.06**	**0.07**	**1.38**	**162.30**	**2,070.11**		**0.71**	**0.01**	**2,251.47**

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	3.62	0.14	9.57	0.02		0.00	1.23		0.00	1.23	162.30	417.46		0.65	0.01	596.41
Energy	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
Mobile	0.87	1.68	8.02	0.02	1.81	0.07	1.89	0.06	0.07	0.14		1,462.71		0.06		1,463.96
Total	**4.51**	**1.97**	**17.65**	**0.04**	**1.81**	**0.07**	**3.13**	**0.06**	**0.07**	**1.38**	**162.30**	**2,070.11**		**0.71**	**0.01**	**2,251.47**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2013

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					2.04	0.00	2.04	0.00	0.00	0.00						0.00
Off-Road	4.63	34.56	21.62	0.03		1.95	1.95		1.95	1.95		3,558.13		0.42		3,566.87
Total	**4.63**	**34.56**	**21.62**	**0.03**	**2.04**	**1.95**	**3.99**	**0.00**	**1.95**	**1.95**		**3,558.13**		**0.42**		**3,566.87**

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	0.51	5.41	3.26	0.01	4.77	0.21	4.98	0.03	0.21	0.24		824.24		0.03		824.77
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	0.08	0.09	0.82	0.00	0.20	0.01	0.21	0.01	0.01	0.01		147.92		0.01		148.10
Total	**0.59**	**5.50**	**4.08**	**0.01**	**4.97**	**0.22**	**5.19**	**0.04**	**0.22**	**0.25**		**972.16**		**0.04**		**972.87**

3.2 Demolition - 2013

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					0.80	0.00	0.80	0.00	0.00	0.00						0.00
Off-Road	4.63	34.56	21.62	0.03		1.95	1.95		1.95	1.95	0.00	3,558.13		0.42		3,566.87
Total	**4.63**	**34.56**	**21.62**	**0.03**	**0.80**	**1.95**	**2.75**	**0.00**	**1.95**	**1.95**	**0.00**	**3,558.13**		**0.42**		**3,566.87**

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	0.51	5.41	3.26	0.01	4.77	0.21	4.98	0.03	0.21	0.24		824.24		0.03		824.77
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	0.08	0.09	0.82	0.00	0.20	0.01	0.21	0.01	0.01	0.01		147.92		0.01		148.10
Total	**0.59**	**5.50**	**4.08**	**0.01**	**4.97**	**0.22**	**5.19**	**0.04**	**0.22**	**0.25**		**972.16**		**0.04**		**972.87**

3.3 Site Preparation - 2013

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					5.80	0.00	5.80	2.90	0.00	2.90						0.00
Off-Road	3.96	31.66	18.62	0.03		1.60	1.60		1.60	1.60		3,253.39		0.36		3,260.86
Total	**3.96**	**31.66**	**18.62**	**0.03**	**5.80**	**1.60**	**7.40**	**2.90**	**1.60**	**4.50**		**3,253.39**		**0.36**		**3,260.86**

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	0.05	0.05	0.51	0.00	0.12	0.00	0.13	0.00	0.00	0.01		91.03		0.01		91.14
Total	**0.05**	**0.05**	**0.51**	**0.00**	**0.12**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**91.03**		**0.01**		**91.14**

3.3 Site Preparation - 2013

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					2.26	0.00	2.26	1.13	0.00	1.13						0.00
Off-Road	3.96	31.66	18.62	0.03		1.60	1.60		1.60	1.60	0.00	3,253.39		0.36		3,260.86
Total	**3.96**	**31.66**	**18.62**	**0.03**	**2.26**	**1.60**	**3.86**	**1.13**	**1.60**	**2.73**	**0.00**	**3,253.39**		**0.36**		**3,260.86**

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	0.05	0.05	0.51	0.00	0.12	0.00	0.13	0.00	0.00	0.01		91.03		0.01		91.14
Total	**0.05**	**0.05**	**0.51**	**0.00**	**0.12**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**91.03**		**0.01**		**91.14**

3.4 Grading - 2013

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					6.34	0.00	6.34	3.31	0.00	3.31						0.00
Off-Road	3.67	29.09	16.99	0.03		1.51	1.51		1.51	1.51		2,941.28		0.33		2,948.20
Total	**3.67**	**29.09**	**16.99**	**0.03**	**6.34**	**1.51**	**7.85**	**3.31**	**1.51**	**4.82**		**2,941.28**		**0.33**		**2,948.20**

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	0.05	0.05	0.51	0.00	0.12	0.00	0.13	0.00	0.00	0.01		91.03		0.01		91.14
Total	**0.05**	**0.05**	**0.51**	**0.00**	**0.12**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**91.03**		**0.01**		**91.14**

3.4 Grading - 2013

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					2.47	0.00	2.47	1.29	0.00	1.29						0.00
Off-Road	3.67	29.09	16.99	0.03		1.51	1.51		1.51	1.51	0.00	2,941.28		0.33		2,948.20
Total	**3.67**	**29.09**	**16.99**	**0.03**	**2.47**	**1.51**	**3.98**	**1.29**	**1.51**	**2.80**	**0.00**	**2,941.28**		**0.33**		**2,948.20**

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	0.05	0.05	0.51	0.00	0.12	0.00	0.13	0.00	0.00	0.01		91.03		0.01		91.14
Total	**0.05**	**0.05**	**0.51**	**0.00**	**0.12**	**0.00**	**0.13**	**0.00**	**0.00**	**0.01**		**91.03**		**0.01**		**91.14**

3.5 Building Construction - 2013

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	5.21	30.67	21.86	0.04		1.99	1.99		1.99	1.99		3,565.22		0.47		3,575.00
Total	**5.21**	**30.67**	**21.86**	**0.04**		**1.99**	**1.99**		**1.99**	**1.99**		**3,565.22**		**0.47**		**3,575.00**

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	0.09	0.98	0.68	0.00	0.06	0.03	0.09	0.00	0.03	0.04		160.72		0.00		160.81
Worker	0.16	0.17	1.64	0.00	0.40	0.01	0.41	0.01	0.01	0.03		295.84		0.02		296.19
Total	**0.25**	**1.15**	**2.32**	**0.00**	**0.46**	**0.04**	**0.50**	**0.01**	**0.04**	**0.07**		**456.56**		**0.02**		**457.00**

3.5 Building Construction - 2013

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	5.21	30.67	21.86	0.04		1.99	1.99		1.99	1.99	0.00	3,565.22		0.47		3,575.00
Total	**5.21**	**30.67**	**21.86**	**0.04**		**1.99**	**1.99**		**1.99**	**1.99**	**0.00**	**3,565.22**		**0.47**		**3,575.00**

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	0.09	0.98	0.68	0.00	0.06	0.03	0.09	0.00	0.03	0.04		160.72		0.00		160.81
Worker	0.16	0.17	1.64	0.00	0.40	0.01	0.41	0.01	0.01	0.03		295.84		0.02		296.19
Total	**0.25**	**1.15**	**2.32**	**0.00**	**0.46**	**0.04**	**0.50**	**0.01**	**0.04**	**0.07**		**456.56**		**0.02**		**457.00**

3.5 Building Construction - 2014

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	4.74	28.45	21.52	0.04		1.77	1.77		1.77	1.77		3,565.22		0.42		3,574.14
Total	**4.74**	**28.45**	**21.52**	**0.04**		**1.77**	**1.77**		**1.77**	**1.77**		**3,565.22**		**0.42**		**3,574.14**

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	0.08	0.88	0.63	0.00	0.06	0.03	0.08	0.00	0.03	0.03		161.27		0.00		161.36
Worker	0.15	0.16	1.52	0.00	0.40	0.01	0.41	0.01	0.01	0.03		290.09		0.02		290.42
Total	**0.23**	**1.04**	**2.15**	**0.00**	**0.46**	**0.04**	**0.49**	**0.01**	**0.04**	**0.06**		**451.36**		**0.02**		**451.78**

3.5 Building Construction - 2014

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	4.74	28.45	21.52	0.04		1.77	1.77		1.77	1.77	0.00	3,565.22		0.42		3,574.14
Total	**4.74**	**28.45**	**21.52**	**0.04**		**1.77**	**1.77**		**1.77**	**1.77**	**0.00**	**3,565.22**		**0.42**		**3,574.14**

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	0.08	0.88	0.63	0.00	0.06	0.03	0.08	0.00	0.03	0.03		161.27		0.00		161.36
Worker	0.15	0.16	1.52	0.00	0.40	0.01	0.41	0.01	0.01	0.03		290.09		0.02		290.42
Total	**0.23**	**1.04**	**2.15**	**0.00**	**0.46**	**0.04**	**0.49**	**0.01**	**0.04**	**0.06**		**451.36**		**0.02**		**451.78**

3.6 Paving - 2014

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	1.00	5.85	4.57	0.01		0.45	0.45		0.45	0.45		615.95		0.09		617.84
Paving	0.14					0.00	0.00		0.00	0.00						0.00
Total	**1.14**	**5.85**	**4.57**	**0.01**		**0.45**	**0.45**		**0.45**	**0.45**		**615.95**		**0.09**		**617.84**

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	0.03	0.03	0.29	0.00	0.08	0.00	0.08	0.00	0.00	0.01		55.79		0.00		55.85
Total	**0.03**	**0.03**	**0.29**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.01**		**55.79**		**0.00**		**55.85**

3.6 Paving - 2014

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	1.00	5.85	4.57	0.01		0.45	0.45		0.45	0.45	0.00	615.95		0.09		617.84
Paving	0.14					0.00	0.00		0.00	0.00						0.00
Total	**1.14**	**5.85**	**4.57**	**0.01**		**0.45**	**0.45**		**0.45**	**0.45**	**0.00**	**615.95**		**0.09**		**617.84**

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	0.03	0.03	0.29	0.00	0.08	0.00	0.08	0.00	0.00	0.01		55.79		0.00		55.85
Total	**0.03**	**0.03**	**0.29**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.01**		**55.79**		**0.00**		**55.85**

3.7 Architectural Coating - 2014

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	71.69					0.00	0.00		0.00	0.00						0.00
Off-Road	0.45	2.77	1.92	0.00		0.24	0.24		0.24	0.24		281.19		0.04		282.03
Total	**72.14**	**2.77**	**1.92**	**0.00**		**0.24**	**0.24**		**0.24**	**0.24**		**281.19**		**0.04**		**282.03**

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	0.03	0.03	0.29	0.00	0.08	0.00	0.08	0.00	0.00	0.01		55.79		0.00		55.85
Total	**0.03**	**0.03**	**0.29**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.01**		**55.79**		**0.00**		**55.85**

3.7 Architectural Coating - 2014

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	71.69					0.00	0.00		0.00	0.00						0.00
Off-Road	0.45	2.77	1.92	0.00		0.24	0.24		0.24	0.24	0.00	281.19		0.04		282.03
Total	**72.14**	**2.77**	**1.92**	**0.00**		**0.24**	**0.24**		**0.24**	**0.24**	**0.00**	**281.19**		**0.04**		**282.03**

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	0.03	0.03	0.29	0.00	0.08	0.00	0.08	0.00	0.00	0.01		55.79		0.00		55.85
Total	**0.03**	**0.03**	**0.29**	**0.00**	**0.08**	**0.00**	**0.08**	**0.00**	**0.00**	**0.01**		**55.79**		**0.00**		**55.85**

4.0 Mobile Detail

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	0.87	1.68	8.02	0.02	1.81	0.07	1.89	0.06	0.07	0.14		1,462.71		0.06		1,463.96
Unmitigated	0.87	1.68	8.02	0.02	1.81	0.07	1.89	0.06	0.07	0.14		1,462.71		0.06		1,463.96
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	151.57	164.68	139.61	505,362	505,362
Parking Lot	0.00	0.00	0.00		
Total	151.57	164.68	139.61	505,362	505,362

4.3 Trip Type Information

	Miles			Trip %		
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
Condo/Townhouse	12.70	7.00	9.50	40.20	19.20	40.60
Parking Lot	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

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	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
NaturalGas Unmitigated	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
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					
Condo/Townhouse	1614.49	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
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
Total		**0.02**	**0.15**	**0.06**	**0.00**		**0.00**	**0.01**		**0.00**	**0.01**		**189.94**		**0.00**	**0.00**	**191.10**

5.2 Energy by Land Use - NaturalGas

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					
Condo/Townhouse	1.61449	0.02	0.15	0.06	0.00		0.00	0.01		0.00	0.01		189.94		0.00	0.00	191.10
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
Total		**0.02**	**0.15**	**0.06**	**0.00**		**0.00**	**0.01**		**0.00**	**0.01**		**189.94**		**0.00**	**0.00**	**191.10**

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	3.62	0.14	9.57	0.02		0.00	1.23		0.00	1.23	162.30	417.46		0.65	0.01	596.41
Unmitigated	3.62	0.14	9.57	0.02		0.00	1.23		0.00	1.23	162.30	417.46		0.65	0.01	596.41
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	0.20					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.91					0.00	0.00		0.00	0.00						0.00
Hearth	2.45	0.11	7.61	0.02		0.00	1.22		0.00	1.22	162.30	414.00		0.64	0.01	592.88
Landscaping	0.06	0.02	1.96	0.00		0.00	0.01		0.00	0.01		3.46		0.00		3.53
Total	**3.62**	**0.13**	**9.57**	**0.02**		**0.00**	**1.23**		**0.00**	**1.23**	**162.30**	**417.46**		**0.64**	**0.01**	**596.41**

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	0.20					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.91					0.00	0.00		0.00	0.00						0.00
Hearth	2.45	0.11	7.61	0.02		0.00	1.22		0.00	1.22	162.30	414.00		0.64	0.01	592.88
Landscaping	0.06	0.02	1.96	0.00		0.00	0.01		0.00	0.01		3.46		0.00		3.53
Total	**3.62**	**0.13**	**9.57**	**0.02**		**0.00**	**1.23**		**0.00**	**1.23**	**162.30**	**417.46**		**0.64**	**0.01**	**596.41**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation