Appendix C:
Air Quality Supporting Data

Air Quality/Greenhouse Gas Emissions Supporting Information Citywide Agriculture Preservation Program and Southeast Quadrant Land Use Plan City of Morgan Hill, Santa Clara County, California

Prepared for:

CITY OF MORGAN HILL

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February 22, 2013

Morgan Hill SEQ - High School

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
High School	1600	Student

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Utility Company**	Pacific Gas & Electric Company
Climate Zone	4	**Precipitation Freq (Days)**	58		

1.3 User Entered Comments

Project Characteristics -

Land Use -

Construction Phase - Coating changed to ~3 months

Vehicle Trips - WkDy Trip Rate added from Traffic Impact Report

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					
2011											0.00	719.24	719.24	0.08	0.00	720.94
2012											0.00	42.83	42.83	0.01	0.00	42.96
Total											**0.00**	**762.07**	**762.07**	**0.09**	**0.00**	**763.90**

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					
2011											0.00	719.24	719.24	0.08	0.00	720.94
2012											0.00	42.83	42.83	0.01	0.00	42.96
Total											**0.00**	**762.07**	**762.07**	**0.09**	**0.00**	**763.90**

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											0.00	0.00	0.00	0.00	0.00	0.00
Energy											0.00	589.78	589.78	0.02	0.01	593.43
Mobile											0.00	4,692.68	4,692.68	0.20	0.00	4,696.79
Waste											59.27	0.00	59.27	3.50	0.00	132.84
Water											0.00	29.63	29.63	0.22	0.01	35.98
Total											**59.27**	**5,312.09**	**5,371.36**	**3.94**	**0.02**	**5,459.04**

2.2 Overall Operational

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											0.00	0.00	0.00	0.00	0.00	0.00
Energy											0.00	589.78	589.78	0.02	0.01	593.43
Mobile											0.00	4,692.68	4,692.68	0.20	0.00	4,696.79
Waste											59.27	0.00	59.27	3.50	0.00	132.84
Water											0.00	29.63	29.63	0.22	0.01	35.98
Total											**59.27**	**5,312.09**	**5,371.36**	**3.94**	**0.02**	**5,459.04**

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 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	tons/yr										MT/yr					
Off-Road											0.00	68.12	68.12	0.01	0.00	68.29
Total											**0.00**	**68.12**	**68.12**	**0.01**	**0.00**	**68.29**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	1.60	1.60	0.00	0.00	1.60
Total											**0.00**	**1.60**	**1.60**	**0.00**	**0.00**	**1.60**

3.2 Demolition - 2011

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											0.00	68.12	68.12	0.01	0.00	68.29
Total											**0.00**	**68.12**	**68.12**	**0.01**	**0.00**	**68.29**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	1.60	1.60	0.00	0.00	1.60
Total											**0.00**	**1.60**	**1.60**	**0.00**	**0.00**	**1.60**

3.3 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	tons/yr										MT/yr					
Fugitive Dust											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	18.13	18.13	0.00	0.00	18.18
Total											**0.00**	**18.13**	**18.13**	**0.00**	**0.00**	**18.18**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	0.48	0.48	0.00	0.00	0.48
Total											**0.00**	**0.48**	**0.48**	**0.00**	**0.00**	**0.48**

3.3 Site Preparation - 2011

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	18.13	18.13	0.00	0.00	18.18
Total											**0.00**	**18.13**	**18.13**	**0.00**	**0.00**	**18.18**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	0.48	0.48	0.00	0.00	0.48
Total											**0.00**	**0.48**	**0.48**	**0.00**	**0.00**	**0.48**

3.4 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	tons/yr										MT/yr					
Fugitive Dust											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	19.01	19.01	0.00	0.00	19.06
Total											**0.00**	**19.01**	**19.01**	**0.00**	**0.00**	**19.06**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	0.64	0.64	0.00	0.00	0.64
Total											**0.00**	**0.64**	**0.64**	**0.00**	**0.00**	**0.64**

3.4 Grading - 2011

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	19.01	19.01	0.00	0.00	19.06
Total											**0.00**	**19.01**	**19.01**	**0.00**	**0.00**	**19.06**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	0.64	0.64	0.00	0.00	0.64
Total											**0.00**	**0.64**	**0.64**	**0.00**	**0.00**	**0.64**

3.5 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	tons/yr										MT/yr					
Off-Road											0.00	415.93	415.93	0.06	0.00	417.11
Total											**0.00**	**415.93**	**415.93**	**0.06**	**0.00**	**417.11**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	87.43	87.43	0.00	0.00	87.49
Worker											0.00	107.90	107.90	0.01	0.00	108.08
Total											**0.00**	**195.33**	**195.33**	**0.01**	**0.00**	**195.57**

3.5 Building Construction - 2011

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											0.00	415.93	415.93	0.06	0.00	417.11
Total											**0.00**	**415.93**	**415.93**	**0.06**	**0.00**	**417.11**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	87.43	87.43	0.00	0.00	87.49
Worker											0.00	107.90	107.90	0.01	0.00	108.08
Total											**0.00**	**195.33**	**195.33**	**0.01**	**0.00**	**195.57**

3.5 Building Construction - 2012

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											0.00	5.50	5.50	0.00	0.00	5.51
Total											**0.00**	**5.50**	**5.50**	**0.00**	**0.00**	**5.51**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	1.16	1.16	0.00	0.00	1.16
Worker											0.00	1.40	1.40	0.00	0.00	1.40
Total											**0.00**	**2.56**	**2.56**	**0.00**	**0.00**	**2.56**

3.5 Building Construction - 2012

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											0.00	5.50	5.50	0.00	0.00	5.51
Total											**0.00**	**5.50**	**5.50**	**0.00**	**0.00**	**5.51**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	1.16	1.16	0.00	0.00	1.16
Worker											0.00	1.40	1.40	0.00	0.00	1.40
Total											**0.00**	**2.56**	**2.56**	**0.00**	**0.00**	**2.56**

3.6 Paving - 2012

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											0.00	19.60	19.60	0.00	0.00	19.67
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**19.60**	**19.60**	**0.00**	**0.00**	**19.67**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	1.88	1.88	0.00	0.00	1.89
Total											**0.00**	**1.88**	**1.88**	**0.00**	**0.00**	**1.89**

3.6 Paving - 2012

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											0.00	19.60	19.60	0.00	0.00	19.67
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**19.60**	**19.60**	**0.00**	**0.00**	**19.67**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	1.88	1.88	0.00	0.00	1.89
Total											**0.00**	**1.88**	**1.88**	**0.00**	**0.00**	**1.89**

3.7 Architectural Coating - 2012

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	7.65	7.65	0.00	0.00	7.68
Total											**0.00**	**7.65**	**7.65**	**0.00**	**0.00**	**7.68**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	5.65	5.65	0.00	0.00	5.66
Total											**0.00**	**5.65**	**5.65**	**0.00**	**0.00**	**5.66**

3.7 Architectural Coating - 2012

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	7.65	7.65	0.00	0.00	7.68
Total											**0.00**	**7.65**	**7.65**	**0.00**	**0.00**	**7.68**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	5.65	5.65	0.00	0.00	5.66
Total											**0.00**	**5.65**	**5.65**	**0.00**	**0.00**	**5.66**

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	tons/yr										MT/yr					
Mitigated											0.00	4,692.68	4,692.68	0.20	0.00	4,696.79
Unmitigated											0.00	4,692.68	4,692.68	0.20	0.00	4,696.79
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
High School	3,968.00	976.00	400.00	11,357,978	11,357,978
Total	3,968.00	976.00	400.00	11,357,978	11,357,978

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
High School	14.70	6.60	6.60	77.80	17.20	5.00

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	tons/yr										MT/yr					
Electricity Mitigated											0.00	370.49	370.49	0.02	0.01	372.81
Electricity Unmitigated											0.00	370.49	370.49	0.02	0.01	372.81
NaturalGas Mitigated											0.00	219.29	219.29	0.00	0.00	220.62
NaturalGas Unmitigated											0.00	219.29	219.29	0.00	0.00	220.62
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	tons/yr										MT/yr					
High School	4.10931e+006											0.00	219.29	219.29	0.00	0.00	220.62
Total												**0.00**	**219.29**	**219.29**	**0.00**	**0.00**	**220.62**

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	tons/yr										MT/yr					
High School	4.10931e+006											0.00	219.29	219.29	0.00	0.00	220.62
Total												**0.00**	**219.29**	**219.29**	**0.00**	**0.00**	**220.62**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
High School	1.27355e+006					370.49	0.02	0.01	372.81
Total						**370.49**	**0.02**	**0.01**	**372.81**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
High School	1.27355e+006					370.49	0.02	0.01	372.81
Total						**370.49**	**0.02**	**0.01**	**372.81**

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											0.00	0.00	0.00	0.00	0.00	0.00
Unmitigated											0.00	0.00	0.00	0.00	0.00	0.00
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	tons/yr										MT/yr					
Architectural Coating											0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products											0.00	0.00	0.00	0.00	0.00	0.00
Landscaping											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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											0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products											0.00	0.00	0.00	0.00	0.00	0.00
Landscaping											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					29.63	0.22	0.01	35.98
Unmitigated					29.63	0.22	0.01	35.98
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
High School	7.04794 / 18.1233					29.63	0.22	0.01	35.98
Total						**29.63**	**0.22**	**0.01**	**35.98**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
High School	7.04794 / 18.1233					29.63	0.22	0.01	35.98
Total						**29.63**	**0.22**	**0.01**	**35.98**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					59.27	3.50	0.00	132.84
Unmitigated					59.27	3.50	0.00	132.84
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
High School	292					59.27	3.50	0.00	132.84
Total						**59.27**	**3.50**	**0.00**	**132.84**

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
High School	292					59.27	3.50	0.00	132.84
Total						**59.27**	**3.50**	**0.00**	**132.84**

9.0 Vegetation

Morgan Hill SEQ Area

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
High School	1600	Student
Golf Course	3	Hole
City Park	10	Acre
Fast Food Restaurant with Drive Thru	6	1000sqft
Convenience Market With Gas Pumps	1	1000sqft
High Turnover (Sit Down Restaurant)	9	1000sqft
Hotel	390	Room
Medical Office Building	20	1000sqft
Health Club	100	1000sqft
Single Family Housing	43	Dwelling Unit
Strip Mall	140	1000sqft
Arena	1	Acre
Racquet Club	50	1000sqft
City Park	165	Acre

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Utility Company**	Pacific Gas & Electric Company
Climate Zone	4	**Precipitation Freq (Days)**	58		

1.3 User Entered Comments

Project Characteristics -

Land Use - Baseball fields, batting cages, cricket field, equestrian, golf driving range, polo field, and soccer complex all combined into "City Park" of 10 acres, trip rate was adjusteed accordingly to result in correct number of daily trips. Tennis courts = 5 ksf X 10 courts. Sports stadium = 1 acre Arena. Agriculture = City Park (165 acres).

Vehicle Trips - All values adjusted. Values shown as defaults were same as cited in traffic report. Restaurant, Fast Food, and Gas Station adjusted based on Passer-By rates in report.

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					
2011											0.00	906.37	906.37	0.11	0.00	908.59
2012											0.00	1,015.27	1,015.27	0.11	0.00	1,017.66
2013											0.00	1,311.69	1,311.69	0.13	0.00	1,314.36
2014											0.00	1,428.29	1,428.29	0.11	0.00	1,430.69
2015											0.00	1,610.71	1,610.71	0.10	0.00	1,612.72
2016											0.00	1,602.43	1,602.43	0.09	0.00	1,604.29

	ROG	NOx	CO	SO2	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					
2017											0.00	1,584.19	1,584.19	0.08	0.00	1,585.88
2018											0.00	1,579.03	1,579.03	0.07	0.00	1,580.60
2019											0.00	1,568.85	1,568.85	0.07	0.00	1,570.29
2020											0.00	1,565.44	1,565.44	0.06	0.00	1,566.78
2021											0.00	1,550.84	1,550.84	0.06	0.00	1,552.08
2022											0.00	1,537.00	1,537.00	0.06	0.00	1,538.16
2023											0.00	1,529.80	1,529.80	0.05	0.00	1,530.89
2024											0.00	1,534.90	1,534.90	0.05	0.00	1,535.95
2025											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2026											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2027											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2028											0.00	1,517.25	1,517.25	0.05	0.00	1,518.23
2029											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2030											0.00	1,505.18	1,505.18	0.04	0.00	1,506.00
2031											0.00	1,505.18	1,505.18	0.04	0.00	1,506.00
2032											0.00	875.16	875.16	0.03	0.00	875.76
2033											0.00	292.77	292.77	0.02	0.00	293.10
2034											0.00	126.02	126.02	0.00	0.00	126.11
Total											**0.00**	**32,238.73**	**32,238.73**	**1.53**	**0.00**	**32,270.42**

2.1 Overall Construction

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					
2011											0.00	906.37	906.37	0.11	0.00	908.59
2012											0.00	1,015.27	1,015.27	0.11	0.00	1,017.66
2013											0.00	1,311.69	1,311.69	0.13	0.00	1,314.36
2014											0.00	1,428.29	1,428.29	0.11	0.00	1,430.69
2015											0.00	1,610.71	1,610.71	0.10	0.00	1,612.72
2016											0.00	1,602.43	1,602.43	0.09	0.00	1,604.29
2017											0.00	1,584.19	1,584.19	0.08	0.00	1,585.88
2018											0.00	1,579.03	1,579.03	0.07	0.00	1,580.60
2019											0.00	1,568.85	1,568.85	0.07	0.00	1,570.29
2020											0.00	1,565.44	1,565.44	0.06	0.00	1,566.78
2021											0.00	1,550.84	1,550.84	0.06	0.00	1,552.08
2022											0.00	1,537.00	1,537.00	0.06	0.00	1,538.16
2023											0.00	1,529.80	1,529.80	0.05	0.00	1,530.89
2024											0.00	1,534.90	1,534.90	0.05	0.00	1,535.95
2025											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2026											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2027											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2028											0.00	1,517.25	1,517.25	0.05	0.00	1,518.23
2029											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07

	ROG	NOx	CO	SO2	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					
2030											0.00	1,505.18	1,505.18	0.04	0.00	1,506.00
2031											0.00	1,505.18	1,505.18	0.04	0.00	1,506.00
2032											0.00	875.16	875.16	0.03	0.00	875.76
2033											0.00	292.77	292.77	0.02	0.00	293.10
2034											0.00	126.02	126.02	0.00	0.00	126.11
Total											**0.00**	**32,238.73**	**32,238.73**	**1.53**	**0.00**	**32,270.42**

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											28.87	10.80	39.67	0.04	0.00	41.08
Energy											0.00	5,115.42	5,115.42	0.18	0.09	5,147.09
Mobile											0.00	20,390.46	20,390.46	0.90	0.00	20,409.37
Waste											399.88	0.00	399.88	23.63	0.00	896.16
Water											0.00	347.26	347.26	1.46	0.04	390.99
Total											**428.75**	**25,863.94**	**26,292.69**	**26.21**	**0.13**	**26,884.69**

2.2 Overall Operational

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											28.87	10.80	39.67	0.04	0.00	41.08
Energy											0.00	5,115.42	5,115.42	0.18	0.09	5,147.09
Mobile											0.00	20,390.46	20,390.46	0.90	0.00	20,409.37
Waste											399.88	0.00	399.88	23.63	0.00	896.16
Water											0.00	347.26	347.26	1.46	0.04	390.99
Total											**428.75**	**25,863.94**	**26,292.69**	**26.21**	**0.13**	**26,884.69**

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 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	tons/yr										MT/yr					
Off-Road											0.00	885.54	885.54	0.10	0.00	887.72
Total											**0.00**	**885.54**	**885.54**	**0.10**	**0.00**	**887.72**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	20.83	20.83	0.00	0.00	20.86
Total											**0.00**	**20.83**	**20.83**	**0.00**	**0.00**	**20.86**

3.2 Demolition - 2011

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											0.00	885.54	885.54	0.10	0.00	887.72
Total											**0.00**	**885.54**	**885.54**	**0.10**	**0.00**	**887.72**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	20.83	20.83	0.00	0.00	20.86
Total											**0.00**	**20.83**	**20.83**	**0.00**	**0.00**	**20.86**

3.2 Demolition - 2012

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											0.00	136.24	136.24	0.02	0.00	136.55
Total											**0.00**	**136.24**	**136.24**	**0.02**	**0.00**	**136.55**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	3.14	3.14	0.00	0.00	3.14
Total											**0.00**	**3.14**	**3.14**	**0.00**	**0.00**	**3.14**

3.2 Demolition - 2012

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											0.00	136.24	136.24	0.02	0.00	136.55
Total											**0.00**	**136.24**	**136.24**	**0.02**	**0.00**	**136.55**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	3.14	3.14	0.00	0.00	3.14
Total											**0.00**	**3.14**	**3.14**	**0.00**	**0.00**	**3.14**

3.3 Site Preparation - 2012

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	652.81	652.81	0.08	0.00	654.41
Total											**0.00**	**652.81**	**652.81**	**0.08**	**0.00**	**654.41**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	16.95	16.95	0.00	0.00	16.98
Total											**0.00**	**16.95**	**16.95**	**0.00**	**0.00**	**16.98**

3.3 Site Preparation - 2012

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	652.81	652.81	0.08	0.00	654.41
Total											**0.00**	**652.81**	**652.81**	**0.08**	**0.00**	**654.41**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	16.95	16.95	0.00	0.00	16.98
Total											**0.00**	**16.95**	**16.95**	**0.00**	**0.00**	**16.98**

3.4 Grading - 2012

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	201.85	201.85	0.02	0.00	202.29
Total											**0.00**	**201.85**	**201.85**	**0.02**	**0.00**	**202.29**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	4.29	4.29	0.00	0.00	4.30
Total											**0.00**	**4.29**	**4.29**	**0.00**	**0.00**	**4.30**

3.4 Grading - 2012

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	201.85	201.85	0.02	0.00	202.29
Total											**0.00**	**201.85**	**201.85**	**0.02**	**0.00**	**202.29**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	4.29	4.29	0.00	0.00	4.30
Total											**0.00**	**4.29**	**4.29**	**0.00**	**0.00**	**4.30**

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	tons/yr										MT/yr					
Fugitive Dust											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	1,284.94	1,284.94	0.13	0.00	1,287.58
Total											**0.00**	**1,284.94**	**1,284.94**	**0.13**	**0.00**	**1,287.58**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	26.74	26.74	0.00	0.00	26.78
Total											**0.00**	**26.74**	**26.74**	**0.00**	**0.00**	**26.78**

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	tons/yr										MT/yr					
Fugitive Dust											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	1,284.94	1,284.94	0.13	0.00	1,287.58
Total											**0.00**	**1,284.94**	**1,284.94**	**0.13**	**0.00**	**1,287.58**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	26.74	26.74	0.00	0.00	26.78
Total											**0.00**	**26.74**	**26.74**	**0.00**	**0.00**	**26.78**

3.4 Grading - 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	tons/yr										MT/yr					
Fugitive Dust											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	802.47	802.47	0.07	0.00	804.03
Total											**0.00**	**802.47**	**802.47**	**0.07**	**0.00**	**804.03**

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	tons/yr										MT/yr					
Hauling											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
Worker											0.00	16.35	16.35	0.00	0.00	16.38
Total											**0.00**	**16.35**	**16.35**	**0.00**	**0.00**	**16.38**

3.4 Grading - 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	tons/yr										MT/yr					
Fugitive Dust											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	802.47	802.47	0.07	0.00	804.03
Total											**0.00**	**802.47**	**802.47**	**0.07**	**0.00**	**804.03**

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	tons/yr										MT/yr					
Hauling											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
Worker											0.00	16.35	16.35	0.00	0.00	16.38
Total											**0.00**	**16.35**	**16.35**	**0.00**	**0.00**	**16.38**

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	tons/yr										MT/yr					
Off-Road											0.00	179.56	179.56	0.02	0.00	179.96
Total											**0.00**	**179.56**	**179.56**	**0.02**	**0.00**	**179.96**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	202.30	202.30	0.01	0.00	202.41
Worker											0.00	227.60	227.60	0.02	0.00	227.92
Total											**0.00**	**429.90**	**429.90**	**0.03**	**0.00**	**430.33**

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	tons/yr										MT/yr					
Off-Road											0.00	179.56	179.56	0.02	0.00	179.96
Total											**0.00**	**179.56**	**179.56**	**0.02**	**0.00**	**179.96**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	202.30	202.30	0.01	0.00	202.41
Worker											0.00	227.60	227.60	0.02	0.00	227.92
Total											**0.00**	**429.90**	**429.90**	**0.03**	**0.00**	**430.33**

3.5 Building Construction - 2015

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											0.00	478.23	478.23	0.05	0.00	479.20
Total											**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.20**

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	tons/yr										MT/yr					
Hauling											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	540.18	540.18	0.01	0.00	540.45
Worker											0.00	592.30	592.30	0.04	0.00	593.07
Total											**0.00**	**1,132.48**	**1,132.48**	**0.05**	**0.00**	**1,133.52**

3.5 Building Construction - 2015

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											0.00	478.23	478.23	0.05	0.00	479.20
Total											**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.20**

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	tons/yr										MT/yr					
Hauling											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	540.18	540.18	0.01	0.00	540.45
Worker											0.00	592.30	592.30	0.04	0.00	593.07
Total											**0.00**	**1,132.48**	**1,132.48**	**0.05**	**0.00**	**1,133.52**

3.5 Building Construction - 2016

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											0.00	478.23	478.23	0.04	0.00	479.11
Total											**0.00**	**478.23**	**478.23**	**0.04**	**0.00**	**479.11**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	541.25	541.25	0.01	0.00	541.50
Worker											0.00	582.95	582.95	0.03	0.00	583.67
Total											**0.00**	**1,124.20**	**1,124.20**	**0.04**	**0.00**	**1,125.17**

3.5 Building Construction - 2016

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											0.00	478.23	478.23	0.04	0.00	479.11
Total											**0.00**	**478.23**	**478.23**	**0.04**	**0.00**	**479.11**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	541.25	541.25	0.01	0.00	541.50
Worker											0.00	582.95	582.95	0.03	0.00	583.67
Total											**0.00**	**1,124.20**	**1,124.20**	**0.04**	**0.00**	**1,125.17**

3.5 Building Construction - 2017

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											0.00	476.40	476.40	0.04	0.00	477.20
Total											**0.00**	**476.40**	**476.40**	**0.04**	**0.00**	**477.20**

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	tons/yr										MT/yr					
Hauling											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	540.19	540.19	0.01	0.00	540.41
Worker											0.00	567.61	567.61	0.03	0.00	568.27
Total											**0.00**	**1,107.80**	**1,107.80**	**0.04**	**0.00**	**1,108.68**

3.5 Building Construction - 2017

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											0.00	476.40	476.40	0.04	0.00	477.20
Total											**0.00**	**476.40**	**476.40**	**0.04**	**0.00**	**477.20**

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	tons/yr										MT/yr					
Hauling											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	540.19	540.19	0.01	0.00	540.41
Worker											0.00	567.61	567.61	0.03	0.00	568.27
Total											**0.00**	**1,107.80**	**1,107.80**	**0.04**	**0.00**	**1,108.68**

3.5 Building Construction - 2018

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											0.00	478.23	478.23	0.04	0.00	478.97
Total											**0.00**	**478.23**	**478.23**	**0.04**	**0.00**	**478.97**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	543.23	543.23	0.01	0.00	543.45
Worker											0.00	557.57	557.57	0.03	0.00	558.18
Total											**0.00**	**1,100.80**	**1,100.80**	**0.04**	**0.00**	**1,101.63**

3.5 Building Construction - 2018

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											0.00	478.23	478.23	0.04	0.00	478.97
Total											**0.00**	**478.23**	**478.23**	**0.04**	**0.00**	**478.97**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	543.23	543.23	0.01	0.00	543.45
Worker											0.00	557.57	557.57	0.03	0.00	558.18
Total											**0.00**	**1,100.80**	**1,100.80**	**0.04**	**0.00**	**1,101.63**

3.5 Building Construction - 2019

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											0.00	478.23	478.23	0.03	0.00	478.91
Total											**0.00**	**478.23**	**478.23**	**0.03**	**0.00**	**478.91**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	544.24	544.24	0.01	0.00	544.44
Worker											0.00	546.37	546.37	0.03	0.00	546.94
Total											**0.00**	**1,090.61**	**1,090.61**	**0.04**	**0.00**	**1,091.38**

3.5 Building Construction - 2019

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											0.00	478.23	478.23	0.03	0.00	478.91
Total											**0.00**	**478.23**	**478.23**	**0.03**	**0.00**	**478.91**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	544.24	544.24	0.01	0.00	544.44
Worker											0.00	546.37	546.37	0.03	0.00	546.94
Total											**0.00**	**1,090.61**	**1,090.61**	**0.04**	**0.00**	**1,091.38**

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											0.00	480.06	480.06	0.03	0.00	480.68
Total											**0.00**	**480.06**	**480.06**	**0.03**	**0.00**	**480.68**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	547.20	547.20	0.01	0.00	547.39
Worker											0.00	538.18	538.18	0.03	0.00	538.71
Total											**0.00**	**1,085.38**	**1,085.38**	**0.04**	**0.00**	**1,086.10**

3.5 Building Construction - 2020

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											0.00	480.06	480.06	0.03	0.00	480.68
Total											**0.00**	**480.06**	**480.06**	**0.03**	**0.00**	**480.68**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	547.20	547.20	0.01	0.00	547.39
Worker											0.00	538.18	538.18	0.03	0.00	538.71
Total											**0.00**	**1,085.38**	**1,085.38**	**0.04**	**0.00**	**1,086.10**

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											0.00	478.23	478.23	0.03	0.00	478.79
Total											**0.00**	**478.23**	**478.23**	**0.03**	**0.00**	**478.79**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	545.92	545.92	0.01	0.00	546.09
Worker											0.00	526.70	526.70	0.02	0.00	527.20
Total											**0.00**	**1,072.62**	**1,072.62**	**0.03**	**0.00**	**1,073.29**

3.5 Building Construction - 2021

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											0.00	478.23	478.23	0.03	0.00	478.79
Total											**0.00**	**478.23**	**478.23**	**0.03**	**0.00**	**478.79**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	545.92	545.92	0.01	0.00	546.09
Worker											0.00	526.70	526.70	0.02	0.00	527.20
Total											**0.00**	**1,072.62**	**1,072.62**	**0.03**	**0.00**	**1,073.29**

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											0.00	476.40	476.40	0.02	0.00	476.92
Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.92**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	544.56	544.56	0.01	0.00	544.73
Worker											0.00	516.04	516.04	0.02	0.00	516.51
Total											**0.00**	**1,060.60**	**1,060.60**	**0.03**	**0.00**	**1,061.24**

3.5 Building Construction - 2022

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											0.00	476.40	476.40	0.02	0.00	476.92
Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.92**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	544.56	544.56	0.01	0.00	544.73
Worker											0.00	516.04	516.04	0.02	0.00	516.51
Total											**0.00**	**1,060.60**	**1,060.60**	**0.03**	**0.00**	**1,061.24**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road											0.00	476.40	476.40	0.02	0.00	476.89
Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.89**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	545.27	545.27	0.01	0.00	545.43
Worker											0.00	508.13	508.13	0.02	0.00	508.57
Total											**0.00**	**1,053.40**	**1,053.40**	**0.03**	**0.00**	**1,054.00**

3.5 Building Construction - 2023

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											0.00	476.40	476.40	0.02	0.00	476.89
Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.89**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	545.27	545.27	0.01	0.00	545.43
Worker											0.00	508.13	508.13	0.02	0.00	508.57
Total											**0.00**	**1,053.40**	**1,053.40**	**0.03**	**0.00**	**1,054.00**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road											0.00	480.06	480.06	0.02	0.00	480.53
Total											**0.00**	**480.06**	**480.06**	**0.02**	**0.00**	**480.53**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.06	550.06	0.01	0.00	550.22
Worker											0.00	504.78	504.78	0.02	0.00	505.20
Total											**0.00**	**1,054.84**	**1,054.84**	**0.03**	**0.00**	**1,055.42**

3.5 Building Construction - 2024

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											0.00	480.06	480.06	0.02	0.00	480.53
Total											**0.00**	**480.06**	**480.06**	**0.02**	**0.00**	**480.53**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.06	550.06	0.01	0.00	550.22
Worker											0.00	504.78	504.78	0.02	0.00	505.20
Total											**0.00**	**1,054.84**	**1,054.84**	**0.03**	**0.00**	**1,055.42**

3.5 Building Construction - 2025

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2025

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2026

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2026

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2027

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2027

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2028

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											0.00	476.40	476.40	0.02	0.00	476.83
Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.83**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	546.40	546.40	0.01	0.00	546.55
Worker											0.00	494.46	494.46	0.02	0.00	494.85
Total											**0.00**	**1,040.86**	**1,040.86**	**0.03**	**0.00**	**1,041.40**

3.5 Building Construction - 2028

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											0.00	476.40	476.40	0.02	0.00	476.83
Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.83**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	546.40	546.40	0.01	0.00	546.55
Worker											0.00	494.46	494.46	0.02	0.00	494.85
Total											**0.00**	**1,040.86**	**1,040.86**	**0.03**	**0.00**	**1,041.40**

3.5 Building Construction - 2029

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2029

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2030

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											0.00	478.23	478.23	0.02	0.00	478.60
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.60**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.48	550.48	0.01	0.00	550.62
Worker											0.00	476.47	476.47	0.02	0.00	476.79
Total											**0.00**	**1,026.95**	**1,026.95**	**0.03**	**0.00**	**1,027.41**

3.5 Building Construction - 2030

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											0.00	478.23	478.23	0.02	0.00	478.60
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.60**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.48	550.48	0.01	0.00	550.62
Worker											0.00	476.47	476.47	0.02	0.00	476.79
Total											**0.00**	**1,026.95**	**1,026.95**	**0.03**	**0.00**	**1,027.41**

3.5 Building Construction - 2031

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											0.00	478.23	478.23	0.02	0.00	478.60
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.60**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.48	550.48	0.01	0.00	550.62
Worker											0.00	476.47	476.47	0.02	0.00	476.79
Total											**0.00**	**1,026.95**	**1,026.95**	**0.03**	**0.00**	**1,027.41**

3.5 Building Construction - 2031

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											0.00	478.23	478.23	0.02	0.00	478.60
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.60**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.48	550.48	0.01	0.00	550.62
Worker											0.00	476.47	476.47	0.02	0.00	476.79
Total											**0.00**	**1,026.95**	**1,026.95**	**0.03**	**0.00**	**1,027.41**

3.5 Building Construction - 2032

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											0.00	214.38	214.38	0.01	0.00	214.54
Total											**0.00**	**214.38**	**214.38**	**0.01**	**0.00**	**214.54**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	246.77	246.77	0.00	0.00	246.83
Worker											0.00	213.59	213.59	0.01	0.00	213.73
Total											**0.00**	**460.36**	**460.36**	**0.01**	**0.00**	**460.56**

3.5 Building Construction - 2032

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											0.00	214.38	214.38	0.01	0.00	214.54
Total											**0.00**	**214.38**	**214.38**	**0.01**	**0.00**	**214.54**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	246.77	246.77	0.00	0.00	246.83
Worker											0.00	213.59	213.59	0.01	0.00	213.73
Total											**0.00**	**460.36**	**460.36**	**0.01**	**0.00**	**460.56**

3.6 Paving - 2032

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											0.00	191.84	191.84	0.01	0.00	192.08
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**191.84**	**191.84**	**0.01**	**0.00**	**192.08**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	8.58	8.58	0.00	0.00	8.58
Total											**0.00**	**8.58**	**8.58**	**0.00**	**0.00**	**8.58**

3.6 Paving - 2032

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											0.00	191.84	191.84	0.01	0.00	192.08
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**191.84**	**191.84**	**0.01**	**0.00**	**192.08**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	8.58	8.58	0.00	0.00	8.58
Total											**0.00**	**8.58**	**8.58**	**0.00**	**0.00**	**8.58**

3.6 Paving - 2033

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											0.00	244.77	244.77	0.01	0.00	245.06
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**244.77**	**244.77**	**0.01**	**0.00**	**245.06**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	10.94	10.94	0.00	0.00	10.95
Total											**0.00**	**10.94**	**10.94**	**0.00**	**0.00**	**10.95**

3.6 Paving - 2033

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											0.00	244.77	244.77	0.01	0.00	245.06
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**244.77**	**244.77**	**0.01**	**0.00**	**245.06**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	10.94	10.94	0.00	0.00	10.95
Total											**0.00**	**10.94**	**10.94**	**0.00**	**0.00**	**10.95**

3.7 Architectural Coating - 2033

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	9.56	9.56	0.00	0.00	9.57
Total											**0.00**	**9.56**	**9.56**	**0.00**	**0.00**	**9.57**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	27.50	27.50	0.00	0.00	27.52
Total											**0.00**	**27.50**	**27.50**	**0.00**	**0.00**	**27.52**

3.7 Architectural Coating - 2033

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	9.56	9.56	0.00	0.00	9.57
Total											**0.00**	**9.56**	**9.56**	**0.00**	**0.00**	**9.57**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	27.50	27.50	0.00	0.00	27.52
Total											**0.00**	**27.50**	**27.50**	**0.00**	**0.00**	**27.52**

3.7 Architectural Coating - 2034

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	32.52	32.52	0.00	0.00	32.54
Total											**0.00**	**32.52**	**32.52**	**0.00**	**0.00**	**32.54**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	93.51	93.51	0.00	0.00	93.57
Total											**0.00**	**93.51**	**93.51**	**0.00**	**0.00**	**93.57**

3.7 Architectural Coating - 2034

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	32.52	32.52	0.00	0.00	32.54
Total											**0.00**	**32.52**	**32.52**	**0.00**	**0.00**	**32.54**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	93.51	93.51	0.00	0.00	93.57
Total											**0.00**	**93.51**	**93.51**	**0.00**	**0.00**	**93.57**

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	tons/yr										MT/yr					
Mitigated											0.00	20,390.46	20,390.46	0.90	0.00	20,409.37
Unmitigated											0.00	20,390.46	20,390.46	0.90	0.00	20,409.37
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
Arena	71.00	71.00	71.00		
City Park	265.80	265.80	265.80	655,517	655,517
City Park	4,385.70	4,385.70	4385.70	10,816,038	10,816,038
Convenience Market With Gas Pumps	600.00	600.00	600.00	294,398	294,398
Fast Food Restaurant with Drive Thru	2,083.68	2,083.68	2083.68	1,798,712	1,798,712
Golf Course	107.22	107.22	107.22	223,829	223,829
Health Club	4,000.00	4,000.00	4000.00	7,177,783	7,177,783
High School	3,968.00	3,968.00	3968.00	14,869,872	14,869,872
High Turnover (Sit Down Restaurant)	858.24	858.24	858.24	969,741	969,741
Hotel	3,186.30	3,186.30	3186.30	6,401,815	6,401,815
Medical Office Building	722.60	722.60	722.60	1,600,090	1,600,090
Racquet Club	310.00	310.00	310.00	525,801	525,801
Single Family Housing	587.81	587.81	587.81	1,312,207	1,312,207

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Strip Mall	4,550.00	4,550.00	4550.00	7,261,659	7,261,659
Total	25,696.35	25,696.35	25,696.35	53,907,460	53,907,460

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
Arena	14.70	6.60	6.60	0.00	81.00	19.00
City Park	14.70	6.60	6.60	33.00	48.00	19.00
City Park	14.70	6.60	6.60	33.00	48.00	19.00
Convenience Market With Gas Pumps	14.70	6.60	6.60	0.80	80.20	19.00
Fast Food Restaurant with Drive Thru	14.70	6.60	6.60	2.20	78.80	19.00
Golf Course	14.70	6.60	6.60	33.00	48.00	19.00
Health Club	14.70	6.60	6.60	16.90	64.10	19.00
High School	14.70	6.60	6.60	77.80	17.20	5.00
High Turnover (Sit Down Restaurant)	14.70	6.60	6.60	8.50	72.50	19.00
Hotel	14.70	6.60	6.60	19.40	61.60	19.00
Medical Office Building	14.70	6.60	6.60	29.60	51.40	19.00
Racquet Club	14.70	6.60	6.60	11.50	69.50	19.00
Single Family Housing	12.40	4.30	5.40	26.10	29.10	44.80
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00

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	tons/yr										MT/yr					
Electricity Mitigated											0.00	2,980.59	2,980.59	0.13	0.05	2,999.27
Electricity Unmitigated											0.00	2,980.59	2,980.59	0.13	0.05	2,999.27
NaturalGas Mitigated											0.00	2,134.83	2,134.83	0.04	0.04	2,147.82
NaturalGas Unmitigated											0.00	2,134.83	2,134.83	0.04	0.04	2,147.82
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	tons/yr										MT/yr					
Arena	0											0.00	0.00	0.00	0.00	0.00	0.00
City Park	0											0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market With Gas Pumps	2490											0.00	0.13	0.13	0.00	0.00	0.13
Fast Food Restaurant with Drive Thru	1.26624e+006											0.00	67.57	67.57	0.00	0.00	67.98
Golf Course	0											0.00	0.00	0.00	0.00	0.00	0.00
Health Club	2.741e+006											0.00	146.27	146.27	0.00	0.00	147.16
High School	4.10931e+006											0.00	219.29	219.29	0.00	0.00	220.62
High Turnover (Sit Down Restaurant)	1.89936e+006											0.00	101.36	101.36	0.00	0.00	101.97
Hotel	2.62641e+007											0.00	1,401.55	1,401.55	0.03	0.03	1,410.08
Medical Office Building	344400											0.00	18.38	18.38	0.00	0.00	18.49
Racquet Club	1.3705e+006											0.00	73.14	73.14	0.00	0.00	73.58
Single Family Housing	1.65917e+006											0.00	88.54	88.54	0.00	0.00	89.08
Strip Mall	348600											0.00	18.60	18.60	0.00	0.00	18.72
Total												**0.00**	**2,134.83**	**2,134.83**	**0.03**	**0.03**	**2,147.81**

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	tons/yr										MT/yr					
Arena	0											0.00	0.00	0.00	0.00	0.00	0.00
City Park	0											0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market With Gas Pumps	2490											0.00	0.13	0.13	0.00	0.00	0.13
Fast Food Restaurant with Drive Thru	1.26624e+006											0.00	67.57	67.57	0.00	0.00	67.98
Golf Course	0											0.00	0.00	0.00	0.00	0.00	0.00
Health Club	2.741e+006											0.00	146.27	146.27	0.00	0.00	147.16
High School	4.10931e+006											0.00	219.29	219.29	0.00	0.00	220.62
High Turnover (Sit Down Restaurant)	1.89936e+006											0.00	101.36	101.36	0.00	0.00	101.97
Hotel	2.62641e+007											0.00	1,401.55	1,401.55	0.03	0.03	1,410.08
Medical Office Building	344400											0.00	18.38	18.38	0.00	0.00	18.49
Racquet Club	1.3705e+006											0.00	73.14	73.14	0.00	0.00	73.58
Single Family Housing	1.65917e+006											0.00	88.54	88.54	0.00	0.00	89.08
Strip Mall	348600											0.00	18.60	18.60	0.00	0.00	18.72
Total												**0.00**	**2,134.83**	**2,134.83**	**0.03**	**0.03**	**2,147.81**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Arena	0					0.00	0.00	0.00	0.00
City Park	0					0.00	0.00	0.00	0.00
Convenience Market With Gas Pumps	11690					3.40	0.00	0.00	3.42
Fast Food Restaurant with Drive Thru	205740					59.85	0.00	0.00	60.23
Golf Course	0					0.00	0.00	0.00	0.00
Health Club	903000					262.69	0.01	0.00	264.34
High School	1.27355e+006					370.49	0.02	0.01	372.81
High Turnover (Sit Down Restaurant)	308610					89.78	0.00	0.00	90.34
Hotel	4.7794e+006					1,390.38	0.06	0.02	1,399.10
Medical Office Building	394200					114.68	0.01	0.00	115.40
Racquet Club	451500					131.35	0.01	0.00	132.17
Single Family Housing	281409					81.87	0.00	0.00	82.38
Strip Mall	1.6366e+006					476.11	0.02	0.01	479.09
Total						**2,980.60**	**0.13**	**0.04**	**2,999.28**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Arena	0					0.00	0.00	0.00	0.00
City Park	0					0.00	0.00	0.00	0.00
Convenience Market With Gas Pumps	11690					3.40	0.00	0.00	3.42
Fast Food Restaurant with Drive Thru	205740					59.85	0.00	0.00	60.23
Golf Course	0					0.00	0.00	0.00	0.00
Health Club	903000					262.69	0.01	0.00	264.34
High School	1.27355e+006					370.49	0.02	0.01	372.81
High Turnover (Sit Down Restaurant)	308610					89.78	0.00	0.00	90.34
Hotel	4.7794e+006					1,390.38	0.06	0.02	1,399.10
Medical Office Building	394200					114.68	0.01	0.00	115.40
Racquet Club	451500					131.35	0.01	0.00	132.17
Single Family Housing	281409					81.87	0.00	0.00	82.38
Strip Mall	1.6366e+006					476.11	0.02	0.01	479.09
Total						**2,980.60**	**0.13**	**0.04**	**2,999.28**

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											28.87	10.80	39.67	0.04	0.00	41.08
Unmitigated											28.87	10.80	39.67	0.04	0.00	41.08
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	tons/yr										MT/yr					
Architectural Coating											0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products											0.00	0.00	0.00	0.00	0.00	0.00
Hearth											28.87	10.27	39.14	0.04	0.00	40.54
Landscaping											0.00	0.53	0.53	0.00	0.00	0.54
Total											**28.87**	**10.80**	**39.67**	**0.04**	**0.00**	**41.08**

6.2 Area by SubCategory

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											0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products											0.00	0.00	0.00	0.00	0.00	0.00
Hearth											28.87	10.27	39.14	0.04	0.00	40.54
Landscaping											0.00	0.53	0.53	0.00	0.00	0.54
Total											**28.87**	**10.80**	**39.67**	**0.04**	**0.00**	**41.08**

7.0 Water Detail

7.1 Mitigation Measures Water

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					347.26	1.46	0.04	390.99
Unmitigated					347.26	1.46	0.04	390.99
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Arena	1.34616 / 0.0859249					2.22	0.04	0.00	3.41
City Park	0 / 208.509					212.30	0.01	0.00	213.63
Convenience Market With Gas Pumps	0.0740725 / 0.0453993					0.16	0.00	0.00	0.23
Fast Food Restaurant with Drive Thru	1.8212 / 0.116247					3.01	0.06	0.00	4.62
Golf Course	0 / 24.9536					25.41	0.00	0.00	25.57
Health Club	5.91431 / 3.6249					13.07	0.18	0.00	18.33
High School	7.04794 / 18.1233					29.63	0.22	0.01	35.98
High Turnover (Sit Down Restaurant)	2.7318 / 0.17437					4.51	0.08	0.00	6.93
Hotel	9.89304 / 1.09923					16.80	0.30	0.01	25.57
Medical Office Building	2.50961 / 0.478021					4.47	0.08	0.00	6.69
Racquet Club	2.95716 / 1.81245					6.53	0.09	0.00	9.16
Single Family Housing	2.80162 / 1.76624					6.24	0.09	0.00	8.73
Strip Mall	10.3702 / 6.3559					22.91	0.32	0.01	32.14
Total						**347.26**	**1.47**	**0.03**	**390.99**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Arena	1.34616 / 0.0859249					2.22	0.04	0.00	3.41
City Park	0 / 208.509					212.30	0.01	0.00	213.63
Convenience Market With Gas Pumps	0.0740725 / 0.0453993					0.16	0.00	0.00	0.23
Fast Food Restaurant with Drive Thru	1.8212 / 0.116247					3.01	0.06	0.00	4.62
Golf Course	0 / 24.9536					25.41	0.00	0.00	25.57
Health Club	5.91431 / 3.6249					13.07	0.18	0.00	18.33
High School	7.04794 / 18.1233					29.63	0.22	0.01	35.98
High Turnover (Sit Down Restaurant)	2.7318 / 0.17437					4.51	0.08	0.00	6.93
Hotel	9.89304 / 1.09923					16.80	0.30	0.01	25.57
Medical Office Building	2.50961 / 0.478021					4.47	0.08	0.00	6.69
Racquet Club	2.95716 / 1.81245					6.53	0.09	0.00	9.16
Single Family Housing	2.80162 / 1.76624					6.24	0.09	0.00	8.73
Strip Mall	10.3702 / 6.3559					22.91	0.32	0.01	32.14
Total						**347.26**	**1.47**	**0.03**	**390.99**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					399.88	23.63	0.00	896.16
Unmitigated					399.88	23.63	0.00	896.16
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Arena	0.09					0.02	0.00	0.00	0.04
City Park	15.05					3.06	0.18	0.00	6.85
Convenience Market With Gas Pumps	3.01					0.61	0.04	0.00	1.37
Fast Food Restaurant with Drive Thru	69.11					14.03	0.83	0.00	31.44
Golf Course	0.4					0.08	0.00	0.00	0.18
Health Club	570					115.70	6.84	0.00	259.30
High School	292					59.27	3.50	0.00	132.84
High Turnover (Sit Down Restaurant)	107.1					21.74	1.28	0.00	48.72
Hotel	213.53					43.34	2.56	0.00	97.14
Medical Office Building	216					43.85	2.59	0.00	98.26
Racquet Club	285					57.85	3.42	0.00	129.65
Single Family Housing	51.66					10.49	0.62	0.00	23.50
Strip Mall	147					29.84	1.76	0.00	66.87
Total						**399.88**	**23.62**	**0.00**	**896.16**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Arena	0.09					0.02	0.00	0.00	0.04
City Park	15.05					3.06	0.18	0.00	6.85
Convenience Market With Gas Pumps	3.01					0.61	0.04	0.00	1.37
Fast Food Restaurant with Drive Thru	69.11					14.03	0.83	0.00	31.44
Golf Course	0.4					0.08	0.00	0.00	0.18
Health Club	570					115.70	6.84	0.00	259.30
High School	292					59.27	3.50	0.00	132.84
High Turnover (Sit Down Restaurant)	107.1					21.74	1.28	0.00	48.72
Hotel	213.53					43.34	2.56	0.00	97.14
Medical Office Building	216					43.85	2.59	0.00	98.26
Racquet Club	285					57.85	3.42	0.00	129.65
Single Family Housing	51.66					10.49	0.62	0.00	23.50
Strip Mall	147					29.84	1.76	0.00	66.87
Total						**399.88**	**23.62**	**0.00**	**896.16**

9.0 Vegetation

Morgan Hill SEQ Area 2005 (Business-as-usual scenario)

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Medical Office Building	20	1000sqft
High School	1600	Student
Arena	1	Acre
City Park	10	Acre
City Park	165	Acre
Fast Food Restaurant with Drive Thru	6	1000sqft
Golf Course	3	Hole
Health Club	100	1000sqft
High Turnover (Sit Down Restaurant)	9	1000sqft
Hotel	390	Room
Racquet Club	50	1000sqft
Single Family Housing	43	Dwelling Unit
Convenience Market With Gas Pumps	1	1000sqft
Strip Mall	140	1000sqft

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**		**Utility Company**	Pacific Gas & Electric Company
Climate Zone	4		2.2		
		Precipitation Freq (Days)			

1.3 User Entered Comments

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Project Characteristics -

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					
2011											0.00	906.37	906.37	0.11	0.00	908.59
2012											0.00	1,015.27	1,015.27	0.11	0.00	1,017.66
2013											0.00	1,311.69	1,311.69	0.13	0.00	1,314.36
2014											0.00	1,428.29	1,428.29	0.11	0.00	1,430.69
2015											0.00	1,610.71	1,610.71	0.10	0.00	1,612.72
2016											0.00	1,602.43	1,602.43	0.09	0.00	1,604.29
2017											0.00	1,584.19	1,584.19	0.08	0.00	1,585.88
2018											0.00	1,579.03	1,579.03	0.07	0.00	1,580.60
2019											0.00	1,568.85	1,568.85	0.07	0.00	1,570.29
2020											0.00	1,565.44	1,565.44	0.06	0.00	1,566.78
2021											0.00	1,550.84	1,550.84	0.06	0.00	1,552.08
2022											0.00	1,537.00	1,537.00	0.06	0.00	1,538.16
2023											0.00	1,529.80	1,529.80	0.05	0.00	1,530.89
2024											0.00	1,534.90	1,534.90	0.05	0.00	1,535.95
2025											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2026											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2027											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2028											0.00	1,517.25	1,517.25	0.05	0.00	1,518.23
2029											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07

2030											0.00	1,505.18	1,505.18	0.04	0.00	1,506.00
2031											0.00	1,505.18	1,505.18	0.04	0.00	1,506.00
2032											0.00	875.16	875.16	0.03	0.00	875.76
2033											0.00	292.77	292.77	0.02	0.00	293.10
2034											0.00	126.02	126.02	0.00	0.00	126.11
Total											**0.00**	**32,238.73**	**32,238.73**	**1.53**	**0.00**	**32,270.42**

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					
2011											0.00	906.37	906.37	0.11	0.00	908.59
2012											0.00	1,015.27	1,015.27	0.11	0.00	1,017.66
2013											0.00	1,311.69	1,311.69	0.13	0.00	1,314.36
2014											0.00	1,428.29	1,428.29	0.11	0.00	1,430.69
2015											0.00	1,610.71	1,610.71	0.10	0.00	1,612.72
2016											0.00	1,602.43	1,602.43	0.09	0.00	1,604.29
2017											0.00	1,584.19	1,584.19	0.08	0.00	1,585.88
2018											0.00	1,579.03	1,579.03	0.07	0.00	1,580.60
2019											0.00	1,568.85	1,568.85	0.07	0.00	1,570.29
2020											0.00	1,565.44	1,565.44	0.06	0.00	1,566.78
2021											0.00	1,550.84	1,550.84	0.06	0.00	1,552.08
2022											0.00	1,537.00	1,537.00	0.06	0.00	1,538.16
2023											0.00	1,529.80	1,529.80	0.05	0.00	1,530.89
2024											0.00	1,534.90	1,534.90	0.05	0.00	1,535.95
2025											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2026											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2027											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07

2028											0.00	1,517.25	1,517.25	0.05	0.00	1,518.23
2029											0.00	1,523.09	1,523.09	0.05	0.00	1,524.07
2030											0.00	1,505.18	1,505.18	0.04	0.00	1,506.00
2031											0.00	1,505.18	1,505.18	0.04	0.00	1,506.00
2032											0.00	875.16	875.16	0.03	0.00	875.76
2033											0.00	292.77	292.77	0.02	0.00	293.10
2034											0.00	126.02	126.02	0.00	0.00	126.11
Total											**0.00**	**32,238.73**	**32,238.73**	**1.53**	**0.00**	**32,270.42**

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											28.87	10.80	39.67	0.04	0.00	41.09
Energy											0.00	5,115.42	5,115.42	0.18	0.09	5,147.09
Mobile											0.00	26,842.96	26,842.96	2.87	0.00	26,903.29
Waste											399.88	0.00	399.88	23.63	0.00	896.16
Water											0.00	347.26	347.26	1.46	0.04	390.99
Total											**428.75**	**32,316.44**	**32,745.19**	**28.18**	**0.13**	**33,378.62**

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											28.87	10.80	39.67	0.04	0.00	41.09
Energy											0.00	5,115.42	5,115.42	0.18	0.09	5,147.09

Mobile											0.00	26,842.96	26,842.96	2.87	0.00	26,903.29
Waste											399.88	0.00	399.88	23.63	0.00	896.16
Water											0.00	347.26	347.26	1.46	0.04	390.99
Total											**428.75**	**32,316.44**	**32,745.19**	**28.18**	**0.13**	**33,378.62**

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 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	tons/yr										MT/yr					
Off-Road											0.00	885.54	885.54	0.10	0.00	887.72
Total											**0.00**	**885.54**	**885.54**	**0.10**	**0.00**	**887.72**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	20.83	20.83	0.00	0.00	20.86
Total											**0.00**	**20.83**	**20.83**	**0.00**	**0.00**	**20.86**

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											0.00	885.54	885.54	0.10	0.00	887.72
Total											**0.00**	**885.54**	**885.54**	**0.10**	**0.00**	**887.72**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	20.83	20.83	0.00	0.00	20.86
Total											**0.00**	**20.83**	**20.83**	**0.00**	**0.00**	**20.86**

3.2 Demolition - 2012

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											0.00	136.24	136.24	0.02	0.00	136.55
Total											**0.00**	**136.24**	**136.24**	**0.02**	**0.00**	**136.55**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	3.14	3.14	0.00	0.00	3.14
Total											**0.00**	**3.14**	**3.14**	**0.00**	**0.00**	**3.14**

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											0.00	136.24	136.24	0.02	0.00	136.55
Total											**0.00**	**136.24**	**136.24**	**0.02**	**0.00**	**136.55**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	3.14	3.14	0.00	0.00	3.14
Total											**0.00**	**3.14**	**3.14**	**0.00**	**0.00**	**3.14**

3.3 Site Preparation - 2012

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	652.81	652.81	0.08	0.00	654.41
Total											**0.00**	**652.81**	**652.81**	**0.08**	**0.00**	**654.41**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	16.95	16.95	0.00	0.00	16.98
Total											**0.00**	**16.95**	**16.95**	**0.00**	**0.00**	**16.98**

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	652.81	652.81	0.08	0.00	654.41
Total											**0.00**	**652.81**	**652.81**	**0.08**	**0.00**	**654.41**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	16.95	16.95	0.00	0.00	16.98
Total											**0.00**	**16.95**	**16.95**	**0.00**	**0.00**	**16.98**

3.4 Grading - 2012

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	201.85	201.85	0.02	0.00	202.29
Total											**0.00**	**201.85**	**201.85**	**0.02**	**0.00**	**202.29**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	4.29	4.29	0.00	0.00	4.30
Total											**0.00**	**4.29**	**4.29**	**0.00**	**0.00**	**4.30**

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	201.85	201.85	0.02	0.00	202.29
Total											**0.00**	**201.85**	**201.85**	**0.02**	**0.00**	**202.29**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	4.29	4.29	0.00	0.00	4.30
Total											**0.00**	**4.29**	**4.29**	**0.00**	**0.00**	**4.30**

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	tons/yr										MT/yr					

Fugitive Dust											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	1,284.94	1,284.94	0.13	0.00	1,287.58
Total											**0.00**	**1,284.94**	**1,284.94**	**0.13**	**0.00**	**1,287.58**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	26.74	26.74	0.00	0.00	26.78
Total											**0.00**	**26.74**	**26.74**	**0.00**	**0.00**	**26.78**

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	1,284.94	1,284.94	0.13	0.00	1,287.58
Total											**0.00**	**1,284.94**	**1,284.94**	**0.13**	**0.00**	**1,287.58**

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											0.00	0.00	0.00	0.00	0.00	0.00

Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	26.74	26.74	0.00	0.00	26.78
Total											**0.00**	**26.74**	**26.74**	**0.00**	**0.00**	**26.78**

3.4 Grading - 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	tons/yr										MT/yr					
Fugitive Dust											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	802.47	802.47	0.07	0.00	804.03
Total											**0.00**	**802.47**	**802.47**	**0.07**	**0.00**	**804.03**

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	tons/yr										MT/yr					
Hauling											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
Worker											0.00	16.35	16.35	0.00	0.00	16.38
Total											**0.00**	**16.35**	**16.35**	**0.00**	**0.00**	**16.38**

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											0.00	0.00	0.00	0.00	0.00	0.00

Off-Road											0.00	802.47	802.47	0.07	0.00	804.03
Total											**0.00**	**802.47**	**802.47**	**0.07**	**0.00**	**804.03**

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	tons/yr										MT/yr					
Hauling											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
Worker											0.00	16.35	16.35	0.00	0.00	16.38
Total											**0.00**	**16.35**	**16.35**	**0.00**	**0.00**	**16.38**

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	tons/yr										MT/yr					
Off-Road											0.00	179.56	179.56	0.02	0.00	179.96
Total											**0.00**	**179.56**	**179.56**	**0.02**	**0.00**	**179.96**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	202.30	202.30	0.01	0.00	202.41
Worker											0.00	227.60	227.60	0.02	0.00	227.92

Total											**0.00**	**429.90**	**429.90**	**0.03**	**0.00**	**430.33**

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											0.00	179.56	179.56	0.02	0.00	179.96
Total											**0.00**	**179.56**	**179.56**	**0.02**	**0.00**	**179.96**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	202.30	202.30	0.01	0.00	202.41
Worker											0.00	227.60	227.60	0.02	0.00	227.92
Total											**0.00**	**429.90**	**429.90**	**0.03**	**0.00**	**430.33**

3.5 Building Construction - 2015

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											0.00	478.23	478.23	0.05	0.00	479.20
Total											**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.20**

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	tons/yr										MT/yr					
Hauling											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	540.18	540.18	0.01	0.00	540.45
Worker											0.00	592.30	592.30	0.04	0.00	593.07
Total											**0.00**	**1,132.48**	**1,132.48**	**0.05**	**0.00**	**1,133.52**

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											0.00	478.23	478.23	0.05	0.00	479.20
Total											**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.20**

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	tons/yr										MT/yr					
Hauling											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	540.18	540.18	0.01	0.00	540.45
Worker											0.00	592.30	592.30	0.04	0.00	593.07
Total											**0.00**	**1,132.48**	**1,132.48**	**0.05**	**0.00**	**1,133.52**

3.5 Building Construction - 2016

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											0.00	478.23	478.23	0.04	0.00	479.11
Total											**0.00**	**478.23**	**478.23**	**0.04**	**0.00**	**479.11**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	541.25	541.25	0.01	0.00	541.50
Worker											0.00	582.95	582.95	0.03	0.00	583.67
Total											**0.00**	**1,124.20**	**1,124.20**	**0.04**	**0.00**	**1,125.17**

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											0.00	478.23	478.23	0.04	0.00	479.11
Total											**0.00**	**478.23**	**478.23**	**0.04**	**0.00**	**479.11**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	541.25	541.25	0.01	0.00	541.50
Worker											0.00	582.95	582.95	0.03	0.00	583.67
Total											**0.00**	**1,124.20**	**1,124.20**	**0.04**	**0.00**	**1,125.17**

3.5 Building Construction - 2017

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											0.00	476.40	476.40	0.04	0.00	477.20
Total											**0.00**	**476.40**	**476.40**	**0.04**	**0.00**	**477.20**

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	tons/yr										MT/yr					
Hauling											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	540.19	540.19	0.01	0.00	540.41
Worker											0.00	567.61	567.61	0.03	0.00	568.27
Total											**0.00**	**1,107.80**	**1,107.80**	**0.04**	**0.00**	**1,108.68**

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											0.00	476.40	476.40	0.04	0.00	477.20
Total											**0.00**	**476.40**	**476.40**	**0.04**	**0.00**	**477.20**

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	tons/yr										MT/yr					
Hauling											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	540.19	540.19	0.01	0.00	540.41
Worker											0.00	567.61	567.61	0.03	0.00	568.27
Total											**0.00**	**1,107.80**	**1,107.80**	**0.04**	**0.00**	**1,108.68**

3.5 Building Construction - 2018

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											0.00	478.23	478.23	0.04	0.00	478.97
Total											**0.00**	**478.23**	**478.23**	**0.04**	**0.00**	**478.97**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	543.23	543.23	0.01	0.00	543.45

Worker											0.00	557.57	557.57	0.03	0.00	558.18
Total											**0.00**	**1,100.80**	**1,100.80**	**0.04**	**0.00**	**1,101.63**

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											0.00	478.23	478.23	0.04	0.00	478.97
Total											**0.00**	**478.23**	**478.23**	**0.04**	**0.00**	**478.97**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	543.23	543.23	0.01	0.00	543.45
Worker											0.00	557.57	557.57	0.03	0.00	558.18
Total											**0.00**	**1,100.80**	**1,100.80**	**0.04**	**0.00**	**1,101.63**

3.5 Building Construction - 2019

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											0.00	478.23	478.23	0.03	0.00	478.91
Total											**0.00**	**478.23**	**478.23**	**0.03**	**0.00**	**478.91**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	544.24	544.24	0.01	0.00	544.44
Worker											0.00	546.37	546.37	0.03	0.00	546.94
Total											**0.00**	**1,090.61**	**1,090.61**	**0.04**	**0.00**	**1,091.38**

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											0.00	478.23	478.23	0.03	0.00	478.91
Total											**0.00**	**478.23**	**478.23**	**0.03**	**0.00**	**478.91**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	544.24	544.24	0.01	0.00	544.44
Worker											0.00	546.37	546.37	0.03	0.00	546.94
Total											**0.00**	**1,090.61**	**1,090.61**	**0.04**	**0.00**	**1,091.38**

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											0.00	480.06	480.06	0.03	0.00	480.68
Total											**0.00**	**480.06**	**480.06**	**0.03**	**0.00**	**480.68**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	547.20	547.20	0.01	0.00	547.39
Worker											0.00	538.18	538.18	0.03	0.00	538.71
Total											**0.00**	**1,085.38**	**1,085.38**	**0.04**	**0.00**	**1,086.10**

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											0.00	480.06	480.06	0.03	0.00	480.68
Total											**0.00**	**480.06**	**480.06**	**0.03**	**0.00**	**480.68**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	547.20	547.20	0.01	0.00	547.39
Worker											0.00	538.18	538.18	0.03	0.00	538.71
Total											**0.00**	**1,085.38**	**1,085.38**	**0.04**	**0.00**	**1,086.10**

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											0.00	478.23	478.23	0.03	0.00	478.79
Total											**0.00**	**478.23**	**478.23**	**0.03**	**0.00**	**478.79**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	545.92	545.92	0.01	0.00	546.09
Worker											0.00	526.70	526.70	0.02	0.00	527.20
Total											**0.00**	**1,072.62**	**1,072.62**	**0.03**	**0.00**	**1,073.29**

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											0.00	478.23	478.23	0.03	0.00	478.79
Total											**0.00**	**478.23**	**478.23**	**0.03**	**0.00**	**478.79**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	545.92	545.92	0.01	0.00	546.09
Worker											0.00	526.70	526.70	0.02	0.00	527.20
Total											**0.00**	**1,072.62**	**1,072.62**	**0.03**	**0.00**	**1,073.29**

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											0.00	476.40	476.40	0.02	0.00	476.92
Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.92**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	544.56	544.56	0.01	0.00	544.73
Worker											0.00	516.04	516.04	0.02	0.00	516.51
Total											**0.00**	**1,060.60**	**1,060.60**	**0.03**	**0.00**	**1,061.24**

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	tons/yr										MT/yr					
Off-Road											0.00	476.40	476.40	0.02	0.00	476.92
Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.92**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	544.56	544.56	0.01	0.00	544.73
Worker											0.00	516.04	516.04	0.02	0.00	516.51
Total											**0.00**	**1,060.60**	**1,060.60**	**0.03**	**0.00**	**1,061.24**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road											0.00	476.40	476.40	0.02	0.00	476.89

Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.89**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	545.27	545.27	0.01	0.00	545.43
Worker											0.00	508.13	508.13	0.02	0.00	508.57
Total											**0.00**	**1,053.40**	**1,053.40**	**0.03**	**0.00**	**1,054.00**

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											0.00	476.40	476.40	0.02	0.00	476.89
Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.89**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	545.27	545.27	0.01	0.00	545.43
Worker											0.00	508.13	508.13	0.02	0.00	508.57

Total											**0.00**	**1,053.40**	**1,053.40**	**0.03**	**0.00**	**1,054.00**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road											0.00	480.06	480.06	0.02	0.00	480.53
Total											**0.00**	**480.06**	**480.06**	**0.02**	**0.00**	**480.53**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.06	550.06	0.01	0.00	550.22
Worker											0.00	504.78	504.78	0.02	0.00	505.20
Total											**0.00**	**1,054.84**	**1,054.84**	**0.03**	**0.00**	**1,055.42**

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											0.00	480.06	480.06	0.02	0.00	480.53
Total											**0.00**	**480.06**	**480.06**	**0.02**	**0.00**	**480.53**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.06	550.06	0.01	0.00	550.22
Worker											0.00	504.78	504.78	0.02	0.00	505.20
Total											**0.00**	**1,054.84**	**1,054.84**	**0.03**	**0.00**	**1,055.42**

3.5 Building Construction - 2025

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

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	tons/yr										MT/yr					
Off-Road											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2026

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

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	tons/yr										MT/yr					
Off-Road											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2027

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

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	tons/yr										MT/yr					
Off-Road											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65

Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2028

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											0.00	476.40	476.40	0.02	0.00	476.83
Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.83**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	546.40	546.40	0.01	0.00	546.55
Worker											0.00	494.46	494.46	0.02	0.00	494.85
Total											**0.00**	**1,040.86**	**1,040.86**	**0.03**	**0.00**	**1,041.40**

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											0.00	476.40	476.40	0.02	0.00	476.83
Total											**0.00**	**476.40**	**476.40**	**0.02**	**0.00**	**476.83**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	546.40	546.40	0.01	0.00	546.55
Worker											0.00	494.46	494.46	0.02	0.00	494.85
Total											**0.00**	**1,040.86**	**1,040.86**	**0.03**	**0.00**	**1,041.40**

3.5 Building Construction - 2029

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											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

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	tons/yr										MT/yr					
Off-Road											0.00	478.23	478.23	0.02	0.00	478.66
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.66**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	548.50	548.50	0.01	0.00	548.65
Worker											0.00	496.36	496.36	0.02	0.00	496.76
Total											**0.00**	**1,044.86**	**1,044.86**	**0.03**	**0.00**	**1,045.41**

3.5 Building Construction - 2030

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											0.00	478.23	478.23	0.02	0.00	478.60
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.60**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.48	550.48	0.01	0.00	550.62
Worker											0.00	476.47	476.47	0.02	0.00	476.79
Total											**0.00**	**1,026.95**	**1,026.95**	**0.03**	**0.00**	**1,027.41**

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	tons/yr										MT/yr					
Off-Road											0.00	478.23	478.23	0.02	0.00	478.60
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.60**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.48	550.48	0.01	0.00	550.62
Worker											0.00	476.47	476.47	0.02	0.00	476.79
Total											**0.00**	**1,026.95**	**1,026.95**	**0.03**	**0.00**	**1,027.41**

3.5 Building Construction - 2031

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											0.00	478.23	478.23	0.02	0.00	478.60
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.60**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.48	550.48	0.01	0.00	550.62
Worker											0.00	476.47	476.47	0.02	0.00	476.79
Total											**0.00**	**1,026.95**	**1,026.95**	**0.03**	**0.00**	**1,027.41**

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	tons/yr										MT/yr					
Off-Road											0.00	478.23	478.23	0.02	0.00	478.60
Total											**0.00**	**478.23**	**478.23**	**0.02**	**0.00**	**478.60**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	550.48	550.48	0.01	0.00	550.62
Worker											0.00	476.47	476.47	0.02	0.00	476.79
Total											**0.00**	**1,026.95**	**1,026.95**	**0.03**	**0.00**	**1,027.41**

3.5 Building Construction - 2032

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											0.00	214.38	214.38	0.01	0.00	214.54
Total											**0.00**	**214.38**	**214.38**	**0.01**	**0.00**	**214.54**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	246.77	246.77	0.00	0.00	246.83
Worker											0.00	213.59	213.59	0.01	0.00	213.73
Total											**0.00**	**460.36**	**460.36**	**0.01**	**0.00**	**460.56**

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											0.00	214.38	214.38	0.01	0.00	214.54

Total											**0.00**	**214.38**	**214.38**	**0.01**	**0.00**	**214.54**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	246.77	246.77	0.00	0.00	246.83
Worker											0.00	213.59	213.59	0.01	0.00	213.73
Total											**0.00**	**460.36**	**460.36**	**0.01**	**0.00**	**460.56**

3.6 Paving - 2032

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											0.00	191.84	191.84	0.01	0.00	192.08
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**191.84**	**191.84**	**0.01**	**0.00**	**192.08**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	8.58	8.58	0.00	0.00	8.58

Total											**0.00**	**8.58**	**8.58**	**0.00**	**0.00**	**8.58**

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											0.00	191.84	191.84	0.01	0.00	192.08
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**191.84**	**191.84**	**0.01**	**0.00**	**192.08**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	8.58	8.58	0.00	0.00	8.58
Total											**0.00**	**8.58**	**8.58**	**0.00**	**0.00**	**8.58**

3.6 Paving - 2033

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											0.00	244.77	244.77	0.01	0.00	245.06
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**244.77**	**244.77**	**0.01**	**0.00**	**245.06**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	10.94	10.94	0.00	0.00	10.95
Total											**0.00**	**10.94**	**10.94**	**0.00**	**0.00**	**10.95**

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											0.00	244.77	244.77	0.01	0.00	245.06
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**244.77**	**244.77**	**0.01**	**0.00**	**245.06**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	10.94	10.94	0.00	0.00	10.95
Total											**0.00**	**10.94**	**10.94**	**0.00**	**0.00**	**10.95**

3.7 Architectural Coating - 2033

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	9.56	9.56	0.00	0.00	9.57
Total											**0.00**	**9.56**	**9.56**	**0.00**	**0.00**	**9.57**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	27.50	27.50	0.00	0.00	27.52
Total											**0.00**	**27.50**	**27.50**	**0.00**	**0.00**	**27.52**

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	9.56	9.56	0.00	0.00	9.57
Total											**0.00**	**9.56**	**9.56**	**0.00**	**0.00**	**9.57**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	27.50	27.50	0.00	0.00	27.52
Total											**0.00**	**27.50**	**27.50**	**0.00**	**0.00**	**27.52**

3.7 Architectural Coating - 2034

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	32.52	32.52	0.00	0.00	32.54
Total											**0.00**	**32.52**	**32.52**	**0.00**	**0.00**	**32.54**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	93.51	93.51	0.00	0.00	93.57
Total											**0.00**	**93.51**	**93.51**	**0.00**	**0.00**	**93.57**

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	32.52	32.52	0.00	0.00	32.54
Total											**0.00**	**32.52**	**32.52**	**0.00**	**0.00**	**32.54**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	93.51	93.51	0.00	0.00	93.57
Total											**0.00**	**93.51**	**93.51**	**0.00**	**0.00**	**93.57**

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	tons/yr										MT/yr					
Mitigated											0.00	26,842.96	26,842.96	2.87	0.00	26,903.29
Unmitigated											0.00	26,842.96	26,842.96	2.87	0.00	26,903.29
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
Arena	71.00	71.00	71.00		
City Park	265.80	265.80	265.80	655,517	655,517
City Park	4,385.70	4,385.70	4385.70	10,816,038	10,816,038
Convenience Market With Gas Pumps	600.00	600.00	600.00	294,398	294,398
Fast Food Restaurant with Drive Thru	2,083.68	2,083.68	2083.68	1,798,712	1,798,712
Golf Course	107.22	107.22	107.22	223,829	223,829
Health Club	4,000.00	4,000.00	4000.00	7,177,783	7,177,783
High School	3,968.00	3,968.00	3968.00	14,869,872	14,869,872
High Turnover (Sit Down Restaurant)	858.24	858.24	858.24	969,741	969,741
Hotel	3,186.30	3,186.30	3186.30	6,401,815	6,401,815
Medical Office Building	722.60	722.60	722.60	1,600,090	1,600,090
Racquet Club	310.00	310.00	310.00	525,801	525,801
Single Family Housing	587.81	587.81	587.81	1,312,207	1,312,207
Strip Mall	4,550.00	4,550.00	4550.00	7,261,659	7,261,659
Total	25,696.35	25,696.35	25,696.35	53,907,460	53,907,460

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
Arena	14.70	6.60	6.60	0.00	81.00	19.00
City Park	14.70	6.60	6.60	33.00	48.00	19.00
City Park	14.70	6.60	6.60	33.00	48.00	19.00
Convenience Market With Gas Pumps	14.70	6.60	6.60	0.80	80.20	19.00
Fast Food Restaurant with Drive Thru	14.70	6.60	6.60	2.20	78.80	19.00

Golf Course	14.70	6.60	6.60	33.00	48.00	19.00
Health Club	14.70	6.60	6.60	16.90	64.10	19.00
High School	14.70	6.60	6.60	77.80	17.20	5.00
High Turnover (Sit Down Restaurant)	14.70	6.60	6.60	8.50	72.50	19.00
Hotel	14.70	6.60	6.60	19.40	61.60	19.00
Medical Office Building	14.70	6.60	6.60	29.60	51.40	19.00
Racquet Club	14.70	6.60	6.60	11.50	69.50	19.00
Single Family Housing	12.40	4.30	5.40	26.10	29.10	44.80
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00

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	tons/yr										MT/yr					
Electricity Mitigated											0.00	2,980.59	2,980.59	0.13	0.05	2,999.27
Electricity Unmitigated											0.00	2,980.59	2,980.59	0.13	0.05	2,999.27
NaturalGas Mitigated											0.00	2,134.83	2,134.83	0.04	0.04	2,147.82
NaturalGas Unmitigated											0.00	2,134.83	2,134.83	0.04	0.04	2,147.82
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	tons/yr										MT/yr					
Arena	0											0.00	0.00	0.00	0.00	0.00	0.00
City Park	0											0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market With Gas Pumps	2490											0.00	0.13	0.13	0.00	0.00	0.13
Fast Food Restaurant with	1.26624e+006											0.00	67.57	67.57	0.00	0.00	67.98
Golf Course	0											0.00	0.00	0.00	0.00	0.00	0.00
Health Club	2.741e+006											0.00	146.27	146.27	0.00	0.00	147.16
High School	4.10931e+006											0.00	219.29	219.29	0.00	0.00	220.62
High Turnover (Sit Down Restaurant)	1.89936e+006											0.00	101.36	101.36	0.00	0.00	101.97
Hotel	2.62641e+007											0.00	1,401.55	1,401.55	0.03	0.03	1,410.08
Medical Office Building	344400											0.00	18.38	18.38	0.00	0.00	18.49
Racquet Club	1.3705e+006											0.00	73.14	73.14	0.00	0.00	73.58
Single Family Housing	1.65917e+006											0.00	88.54	88.54	0.00	0.00	89.08
Strip Mall	348600											0.00	18.60	18.60	0.00	0.00	18.72
Total												**0.00**	**2,134.83**	**2,134.83**	**0.03**	**0.03**	**2,147.81**

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	tons/yr										MT/yr					
Arena	0											0.00	0.00	0.00	0.00	0.00	0.00
City Park	0											0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market With Gas Pumps	2490											0.00	0.13	0.13	0.00	0.00	0.13
Fast Food Restaurant with	1.26624e+006											0.00	67.57	67.57	0.00	0.00	67.98
Golf Course	0											0.00	0.00	0.00	0.00	0.00	0.00
Health Club	2.741e+006											0.00	146.27	146.27	0.00	0.00	147.16
High School	4.10931e+006											0.00	219.29	219.29	0.00	0.00	220.62
High Turnover (Sit Down Restaurant)	1.89936e+006											0.00	101.36	101.36	0.00	0.00	101.97

Hotel	2.62641e+007											0.00	1,401.55	1,401.55	0.03	0.03	1,410.08
Medical Office Building	344400											0.00	18.38	18.38	0.00	0.00	18.49
Racquet Club	1.3705e+006											0.00	73.14	73.14	0.00	0.00	73.58
Single Family Housing	1.65917e+006											0.00	88.54	88.54	0.00	0.00	89.08
Strip Mall	348600											0.00	18.60	18.60	0.00	0.00	18.72
Total												**0.00**	**2,134.83**	**2,134.83**	**0.03**	**0.03**	**2,147.81**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Arena	0					0.00	0.00	0.00	0.00
City Park	0					0.00	0.00	0.00	0.00
Convenience Market With Gas Pumps	11690					3.40	0.00	0.00	3.42
Fast Food Restaurant with	205740					59.85	0.00	0.00	60.23
Golf Course	0					0.00	0.00	0.00	0.00
Health Club	903000					262.69	0.01	0.00	264.34
High School	1.27355e+006					370.49	0.02	0.01	372.81
High Turnover (Sit Down Restaurant)	308610					89.78	0.00	0.00	90.34
Hotel	4.7794e+006					1,390.38	0.06	0.02	1,399.10
Medical Office Building	394200					114.68	0.01	0.00	115.40
Racquet Club	451500					131.35	0.01	0.00	132.17
Single Family Housing	281409					81.87	0.00	0.00	82.38
Strip Mall	1.6366e+006					476.11	0.02	0.01	479.09
Total						**2,980.60**	**0.13**	**0.04**	**2,999.28**

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Arena	0					0.00	0.00	0.00	0.00
City Park	0					0.00	0.00	0.00	0.00
Convenience Market With Gas Pumps	11690					3.40	0.00	0.00	3.42
Fast Food Restaurant with	205740					59.85	0.00	0.00	60.23
Golf Course	0					0.00	0.00	0.00	0.00
Health Club	903000					262.69	0.01	0.00	264.34
High School	1.27355e+006					370.49	0.02	0.01	372.81
High Turnover (Sit Down Restaurant)	308610					89.78	0.00	0.00	90.34
Hotel	4.7794e+006					1,390.38	0.06	0.02	1,399.10
Medical Office Building	394200					114.68	0.01	0.00	115.40
Racquet Club	451500					131.35	0.01	0.00	132.17
Single Family Housing	281409					81.87	0.00	0.00	82.38
Strip Mall	1.6366e+006					476.11	0.02	0.01	479.09
Total						**2,980.60**	**0.13**	**0.04**	**2,999.28**

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											28.87	10.80	39.67	0.04	0.00	41.09

Unmitigated											28.87	10.80	39.67	0.04	0.00	41.09
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	tons/yr										MT/yr					
Architectural Coating											0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products											0.00	0.00	0.00	0.00	0.00	0.00
Hearth											28.87	10.27	39.14	0.04	0.00	40.54
Landscaping											0.00	0.53	0.53	0.00	0.00	0.55
Total											**28.87**	**10.80**	**39.67**	**0.04**	**0.00**	**41.09**

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											0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products											0.00	0.00	0.00	0.00	0.00	0.00
Hearth											28.87	10.27	39.14	0.04	0.00	40.54
Landscaping											0.00	0.53	0.53	0.00	0.00	0.55
Total											**28.87**	**10.80**	**39.67**	**0.04**	**0.00**	**41.09**

7.0 Water Detail

7.1 Mitigation Measures Water

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					347.26	1.46	0.04	390.99
Unmitigated					347.26	1.46	0.04	390.99
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Arena	1.34616 / 0.0859249					2.22	0.04	0.00	3.41
City Park	0 / 208.509					212.30	0.01	0.00	213.63
Convenience Market With Gas Pumps	0.0740725 / 0.0453993					0.16	0.00	0.00	0.23
Fast Food Restaurant with	1.8212 / 0.116247					3.01	0.06	0.00	4.62
Golf Course	0 / 24.9536					25.41	0.00	0.00	25.57
Health Club	5.91431 / 3.6249					13.07	0.18	0.00	18.33
High School	7.04794 / 18.1233					29.63	0.22	0.01	35.98
High Turnover (Sit Down Restaurant)	2.7318 / 0.17437					4.51	0.08	0.00	6.93
Hotel	9.89304 / 1.09923					16.80	0.30	0.01	25.57
Medical Office Building	2.50961 / 0.478021					4.47	0.08	0.00	6.69
Racquet Club	2.95716 / 1.81245					6.53	0.09	0.00	9.16
Single Family Housing	2.80162 / 1.76624					6.24	0.09	0.00	8.73
Strip Mall	10.3702 / 6.3559					22.91	0.32	0.01	32.14
Total						**347.26**	**1.47**	**0.03**	**390.99**

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Arena	1.34616 / 0.0859249					2.22	0.04	0.00	3.41
City Park	0 / 208.509					212.30	0.01	0.00	213.63
Convenience Market With Gas Pumps	0.0740725 / 0.0453993					0.16	0.00	0.00	0.23
Fast Food Restaurant with	1.8212 / 0.116247					3.01	0.06	0.00	4.62
Golf Course	0 / 24.9536					25.41	0.00	0.00	25.57
Health Club	5.91431 / 3.6249					13.07	0.18	0.00	18.33
High School	7.04794 / 18.1233					29.63	0.22	0.01	35.98
High Turnover (Sit Down Restaurant)	2.7318 / 0.17437					4.51	0.08	0.00	6.93
Hotel	9.89304 / 1.09923					16.80	0.30	0.01	25.57
Medical Office Building	2.50961 / 0.478021					4.47	0.08	0.00	6.69
Racquet Club	2.95716 / 1.81245					6.53	0.09	0.00	9.16
Single Family Housing	2.80162 / 1.76624					6.24	0.09	0.00	8.73
Strip Mall	10.3702 / 6.3559					22.91	0.32	0.01	32.14
Total						**347.26**	**1.47**	**0.03**	**390.99**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					399.88	23.63	0.00	896.16
Unmitigated					399.88	23.63	0.00	896.16
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Arena	0.09					0.02	0.00	0.00	0.04
City Park	15.05					3.06	0.18	0.00	6.85
Convenience Market With Gas Pumps	3.01					0.61	0.04	0.00	1.37
Fast Food Restaurant with	69.11					14.03	0.83	0.00	31.44
Golf Course	0.4					0.08	0.00	0.00	0.18
Health Club	570					115.70	6.84	0.00	259.30
High School	292					59.27	3.50	0.00	132.84
High Turnover (Sit Down Restaurant)	107.1					21.74	1.28	0.00	48.72
Hotel	213.53					43.34	2.56	0.00	97.14
Medical Office Building	216					43.85	2.59	0.00	98.26
Racquet Club	285					57.85	3.42	0.00	129.65
Single Family Housing	51.66					10.49	0.62	0.00	23.50
Strip Mall	147					29.84	1.76	0.00	66.87
Total						**399.88**	**23.62**	**0.00**	**896.16**

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Arena	0.09					0.02	0.00	0.00	0.04
City Park	15.05					3.06	0.18	0.00	6.85
Convenience Market With Gas Pumps	3.01					0.61	0.04	0.00	1.37
Fast Food Restaurant with	69.11					14.03	0.83	0.00	31.44
Golf Course	0.4					0.08	0.00	0.00	0.18
Health Club	570					115.70	6.84	0.00	259.30
High School	292					59.27	3.50	0.00	132.84
High Turnover (Sit Down Restaurant)	107.1					21.74	1.28	0.00	48.72
Hotel	213.53					43.34	2.56	0.00	97.14
Medical Office Building	216					43.85	2.59	0.00	98.26
Racquet Club	285					57.85	3.42	0.00	129.65
Single Family Housing	51.66					10.49	0.62	0.00	23.50
Strip Mall	147					29.84	1.76	0.00	66.87
Total						**399.88**	**23.62**	**0.00**	**896.16**

9.0 Vegetation

Morgan Hill SEQ area Baseline (existing land use)

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	172	Dwelling Unit

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**		**Utility Company**	Pacific Gas & Electric Company
Climate Zone	4		2.2		
		Precipitation Freq (Days)			
			58		

1.3 User Entered Comments

Project Characteristics -

Land Use -

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					
2011											0.00	1,040.69	1,040.69	0.12	0.00	1,043.16
2012											0.00	614.73	614.73	0.07	0.00	616.15

2013											0.00	613.12	613.12	0.06	0.00	614.43
2014											0.00	611.54	611.54	0.06	0.00	612.73
2015											0.00	609.82	609.82	0.05	0.00	610.92
2016											0.00	179.20	179.20	0.02	0.00	179.63
Total											**0.00**	**3,669.10**	**3,669.10**	**0.38**	**0.00**	**3,677.02**

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					
2011											0.00	1,040.69	1,040.69	0.12	0.00	1,043.16
2012											0.00	614.73	614.73	0.07	0.00	616.15
2013											0.00	613.12	613.12	0.06	0.00	614.43
2014											0.00	611.54	611.54	0.06	0.00	612.73
2015											0.00	609.82	609.82	0.05	0.00	610.92
2016											0.00	179.20	179.20	0.02	0.00	179.63
Total											**0.00**	**3,669.10**	**3,669.10**	**0.38**	**0.00**	**3,677.02**

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											115.59	43.20	158.79	0.15	0.01	164.45
Energy											0.00	681.62	681.62	0.02	0.01	685.83
Mobile											0.00	1,709.27	1,709.27	0.10	0.00	1,711.40
Waste											41.95	0.00	41.95	2.48	0.00	94.00

Water											0.00	24.96	24.96	0.34	0.01	34.93
Total											**157.54**	**2,459.05**	**2,616.59**	**3.09**	**0.03**	**2,690.61**

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											115.59	43.20	158.79	0.15	0.01	164.45
Energy											0.00	681.62	681.62	0.02	0.01	685.83
Mobile											0.00	1,709.27	1,709.27	0.10	0.00	1,711.40
Waste											41.95	0.00	41.95	2.48	0.00	94.00
Water											0.00	24.96	24.96	0.34	0.01	34.93
Total											**157.54**	**2,459.05**	**2,616.59**	**3.09**	**0.03**	**2,690.61**

3.0 Construction Detail

3.1 Mitigation Measures Construction

3.2 Demolition - 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	tons/yr										MT/yr					
Off-Road											0.00	238.41	238.41	0.03	0.00	239.00
Total											**0.00**	**238.41**	**238.41**	**0.03**	**0.00**	**239.00**

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	tons/yr										MT/yr					
Hauling											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
Worker											0.00	5.61	5.61	0.00	0.00	5.62
Total											**0.00**	**5.61**	**5.61**	**0.00**	**0.00**	**5.62**

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											0.00	238.41	238.41	0.03	0.00	239.00
Total											**0.00**	**238.41**	**238.41**	**0.03**	**0.00**	**239.00**

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	tons/yr										MT/yr					
Hauling											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
Worker											0.00	5.61	5.61	0.00	0.00	5.62
Total											**0.00**	**5.61**	**5.61**	**0.00**	**0.00**	**5.62**

3.3 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	tons/yr										MT/yr					
Fugitive Dust											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	145.07	145.07	0.02	0.00	145.44
Total											**0.00**	**145.07**	**145.07**	**0.02**	**0.00**	**145.44**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	3.85	3.85	0.00	0.00	3.85
Total											**0.00**	**3.85**	**3.85**	**0.00**	**0.00**	**3.85**

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	145.07	145.07	0.02	0.00	145.44
Total											**0.00**	**145.07**	**145.07**	**0.02**	**0.00**	**145.44**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	3.85	3.85	0.00	0.00	3.85
Total											**0.00**	**3.85**	**3.85**	**0.00**	**0.00**	**3.85**

3.4 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	tons/yr										MT/yr					
Fugitive Dust											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	541.55	541.55	0.06	0.00	542.78
Total											**0.00**	**541.55**	**541.55**	**0.06**	**0.00**	**542.78**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	11.75	11.75	0.00	0.00	11.77
Total											**0.00**	**11.75**	**11.75**	**0.00**	**0.00**	**11.77**

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	541.55	541.55	0.06	0.00	542.78
Total											**0.00**	**541.55**	**541.55**	**0.06**	**0.00**	**542.78**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	11.75	11.75	0.00	0.00	11.77
Total											**0.00**	**11.75**	**11.75**	**0.00**	**0.00**	**11.77**

3.5 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	tons/yr										MT/yr					
Off-Road											0.00	73.29	73.29	0.01	0.00	73.50
Total											**0.00**	**73.29**	**73.29**	**0.01**	**0.00**	**73.50**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	7.92	7.92	0.00	0.00	7.93
Worker											0.00	13.25	13.25	0.00	0.00	13.27
Total											**0.00**	**21.17**	**21.17**	**0.00**	**0.00**	**21.20**

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											0.00	73.29	73.29	0.01	0.00	73.50
Total											**0.00**	**73.29**	**73.29**	**0.01**	**0.00**	**73.50**

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											0.00	0.00	0.00	0.00	0.00	0.00

Vendor											0.00	7.92	7.92	0.00	0.00	7.93
Worker											0.00	13.25	13.25	0.00	0.00	13.27
Total											**0.00**	**21.17**	**21.17**	**0.00**	**0.00**	**21.20**

3.5 Building Construction - 2012

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											0.00	478.23	478.23	0.06	0.00	479.48
Total											**0.00**	**478.23**	**478.23**	**0.06**	**0.00**	**479.48**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	51.85	51.85	0.00	0.00	51.88
Worker											0.00	84.65	84.65	0.01	0.00	84.79
Total											**0.00**	**136.50**	**136.50**	**0.01**	**0.00**	**136.67**

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											0.00	478.23	478.23	0.06	0.00	479.48
Total											**0.00**	**478.23**	**478.23**	**0.06**	**0.00**	**479.48**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	51.85	51.85	0.00	0.00	51.88
Worker											0.00	84.65	84.65	0.01	0.00	84.79
Total											**0.00**	**136.50**	**136.50**	**0.01**	**0.00**	**136.67**

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	tons/yr										MT/yr					
Off-Road											0.00	478.23	478.23	0.05	0.00	479.38
Total											**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.38**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	51.99	51.99	0.00	0.00	52.02
Worker											0.00	82.90	82.90	0.01	0.00	83.03
Total											**0.00**	**134.89**	**134.89**	**0.01**	**0.00**	**135.05**

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											0.00	478.23	478.23	0.05	0.00	479.38
Total											**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.38**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	51.99	51.99	0.00	0.00	52.02
Worker											0.00	82.90	82.90	0.01	0.00	83.03
Total											**0.00**	**134.89**	**134.89**	**0.01**	**0.00**	**135.05**

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	tons/yr										MT/yr					
Off-Road											0.00	478.23	478.23	0.05	0.00	479.28
Total											**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.28**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	52.14	52.14	0.00	0.00	52.17
Worker											0.00	81.17	81.17	0.01	0.00	81.28
Total											**0.00**	**133.31**	**133.31**	**0.01**	**0.00**	**133.45**

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											0.00	478.23	478.23	0.05	0.00	479.28
Total											**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.28**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	52.14	52.14	0.00	0.00	52.17
Worker											0.00	81.17	81.17	0.01	0.00	81.28
Total											**0.00**	**133.31**	**133.31**	**0.01**	**0.00**	**133.45**

3.5 Building Construction - 2015

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											0.00	478.23	478.23	0.05	0.00	479.20
Total											**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.20**

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	tons/yr										MT/yr					
Hauling											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	52.28	52.28	0.00	0.00	52.30
Worker											0.00	79.31	79.31	0.00	0.00	79.42
Total											**0.00**	**131.59**	**131.59**	**0.00**	**0.00**	**131.72**

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											0.00	478.23	478.23	0.05	0.00	479.20
Total											**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.20**

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	tons/yr										MT/yr					

Hauling											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	52.28	52.28	0.00	0.00	52.30
Worker											0.00	79.31	79.31	0.00	0.00	79.42
Total											**0.00**	**131.59**	**131.59**	**0.00**	**0.00**	**131.72**

3.5 Building Construction - 2016

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											0.00	47.64	47.64	0.00	0.00	47.73
Total											**0.00**	**47.64**	**47.64**	**0.00**	**0.00**	**47.73**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	5.22	5.22	0.00	0.00	5.22
Worker											0.00	7.78	7.78	0.00	0.00	7.79
Total											**0.00**	**13.00**	**13.00**	**0.00**	**0.00**	**13.01**

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											0.00	47.64	47.64	0.00	0.00	47.73

Total											**0.00**	**47.64**	**47.64**	**0.00**	**0.00**	**47.73**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	5.22	5.22	0.00	0.00	5.22
Worker											0.00	7.78	7.78	0.00	0.00	7.79
Total											**0.00**	**13.00**	**13.00**	**0.00**	**0.00**	**13.01**

3.6 Paving - 2016

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											0.00	99.23	99.23	0.01	0.00	99.52
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**99.23**	**99.23**	**0.01**	**0.00**	**99.52**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	5.43	5.43	0.00	0.00	5.43

Total											**0.00**	**5.43**	**5.43**	**0.00**	**0.00**	**5.43**

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											0.00	99.23	99.23	0.01	0.00	99.52
Paving											0.00	0.00	0.00	0.00	0.00	0.00
Total											**0.00**	**99.23**	**99.23**	**0.01**	**0.00**	**99.52**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	5.43	5.43	0.00	0.00	5.43
Total											**0.00**	**5.43**	**5.43**	**0.00**	**0.00**	**5.43**

3.7 Architectural Coating - 2016

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	9.56	9.56	0.00	0.00	9.59
Total											**0.00**	**9.56**	**9.56**	**0.00**	**0.00**	**9.59**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	4.34	4.34	0.00	0.00	4.35
Total											**0.00**	**4.34**	**4.34**	**0.00**	**0.00**	**4.35**

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											0.00	0.00	0.00	0.00	0.00	0.00
Off-Road											0.00	9.56	9.56	0.00	0.00	9.59
Total											**0.00**	**9.56**	**9.56**	**0.00**	**0.00**	**9.59**

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											0.00	0.00	0.00	0.00	0.00	0.00
Vendor											0.00	0.00	0.00	0.00	0.00	0.00
Worker											0.00	4.34	4.34	0.00	0.00	4.35
Total											**0.00**	**4.34**	**4.34**	**0.00**	**0.00**	**4.35**

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	tons/yr										MT/yr					
Mitigated											0.00	1,709.27	1,709.27	0.10	0.00	1,711.40
Unmitigated											0.00	1,709.27	1,709.27	0.10	0.00	1,711.40
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
Single Family Housing	1,646.04	1,733.76	1508.44	3,658,657	3,658,657
Total	1,646.04	1,733.76	1,508.44	3,658,657	3,658,657

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
Single Family Housing	12.40	4.30	5.40	26.10	29.10	44.80

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	tons/yr										MT/yr					
Electricity Mitigated											0.00	327.46	327.46	0.01	0.01	329.51
Electricity Unmitigated											0.00	327.46	327.46	0.01	0.01	329.51
NaturalGas Mitigated											0.00	354.16	354.16	0.01	0.01	356.31
NaturalGas Unmitigated											0.00	354.16	354.16	0.01	0.01	356.31
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	tons/yr										MT/yr					
Single Family Housing	6.63669e+006											0.00	354.16	354.16	0.01	0.01	356.31
Total												**0.00**	**354.16**	**354.16**	**0.01**	**0.01**	**356.31**

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	tons/yr										MT/yr					
Single Family Housing	6.63669e+006											0.00	354.16	354.16	0.01	0.01	356.31
Total												**0.00**	**354.16**	**354.16**	**0.01**	**0.01**	**356.31**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Single Family Housing	1.12564e+006					327.46	0.01	0.01	329.51
Total						**327.46**	**0.01**	**0.01**	**329.51**

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Single Family Housing	1.12564e+006					327.46	0.01	0.01	329.51
Total						**327.46**	**0.01**	**0.01**	**329.51**

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											115.59	43.20	158.79	0.15	0.01	164.45
Unmitigated											115.59	43.20	158.79	0.15	0.01	164.45
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	tons/yr										MT/yr					
Architectural Coating											0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products											0.00	0.00	0.00	0.00	0.00	0.00
Hearth											115.59	41.09	156.68	0.15	0.01	162.29
Landscaping											0.00	2.11	2.11	0.00	0.00	2.16
Total											**115.59**	**43.20**	**158.79**	**0.15**	**0.01**	**164.45**

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											0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products											0.00	0.00	0.00	0.00	0.00	0.00
Hearth											115.59	41.09	156.68	0.15	0.01	162.29
Landscaping											0.00	2.11	2.11	0.00	0.00	2.16
Total											**115.59**	**43.20**	**158.79**	**0.15**	**0.01**	**164.45**

7.0 Water Detail

7.1 Mitigation Measures Water

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					24.96	0.34	0.01	34.93
Unmitigated					24.96	0.34	0.01	34.93
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Single Family Housing	11.2065 / 7.06496					24.96	0.34	0.01	34.93
Total						**24.96**	**0.34**	**0.01**	**34.93**

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			

Single Family Housing	11.2065 / 7.06496					24.96	0.34	0.01	34.93
Total						**24.96**	**0.34**	**0.01**	**34.93**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					41.95	2.48	0.00	94.00
Unmitigated					41.95	2.48	0.00	94.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Single Family Housing	206.64					41.95	2.48	0.00	94.00
Total						**41.95**	**2.48**	**0.00**	**94.00**

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Single Family Housing	206.64					41.95	2.48	0.00	94.00
Total						**41.95**	**2.48**	**0.00**	**94.00**

9.0 Vegetation

```
CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
         JUNE 1989 VERSION
         PAGE   1

     JOB: Cumulative - Intersection 7 - Tennant/US
     RUN: Hour 1           (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide
```

I. SITE VARIABLES

```
      U=   1.0 M/S            Z0= 100. CM            ALT=   103. (M)
    BRG= WORST CASE           VD=  0.0 CM/S
   CLAS=     7 (G)            VS=  0.0 CM/S
   MIXH= 1000. M             AMB=  0.0 PPM
  SIGTH=    5. DEGREES       TEMP=  3.7 DEGREE (C)
```

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NB External	*	8	0	8	600	* AG	0	1.1	0.0	10.9
B. NB Approach	*	8	600	8	756	* AG	0	1.5	0.0	10.9
C. NB Depart	*	8	756	8	913	* AG	0	1.5	0.0	10.9
D. NB External	*	8	913	8	1513	* AG	0	1.1	0.0	10.9
E. NB Left	*	8	600	4	756	* AG	0	1.5	0.0	10.9
F. SB Left	*	0	913	4	756	* AG	104	1.5	0.0	10.9
G. SB External	*	0	1513	0	913	* AG	1197	1.1	0.0	10.9
H. SB Approach	*	0	913	0	756	* AG	1093	1.5	0.0	10.9
I. SB Depart	*	0	756	0	600	* AG	894	1.5	0.0	10.9
J. SB External	*	0	600	0	0	* AG	894	1.1	0.0	10.9
K. EB External	*	-750	750	-150	750	* AG	2070	1.1	0.0	15.7
L. EB Approach	*	-150	750	4	750	* AG	2070	1.5	0.0	15.7
M. EB Depart	*	4	750	158	750	* AG	1407	1.5	0.0	15.7
N. EB External	*	158	750	758	750	* AG	1407	1.1	0.0	15.7
O. WB External	*	758	763	158	763	* AG	1113	1.1	0.0	15.7
P. WB Approach	*	158	763	4	763	* AG	986	1.5	0.0	15.7
Q. WB Depart	*	4	763	-150	763	* AG	2079	1.5	0.0	15.7
R. WB External	*	-150	763	-750	763	* AG	2079	1.1	0.0	15.7
S. EB Left	*	-150	750	4	756	* AG	0	1.5	0.0	15.7
T. WB Left	*	158	763	4	756	* AG	127	1.5	0.0	15.7

1

```
CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
         JUNE 1989 VERSION
         PAGE   2

     JOB: Cumulative - Intersection 7 - Tennant/US
                                Page 1
```

C4-CUMULATIVE-INT7PM.OUT
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. Receptor	-7	741	2.0
2. Receptor	15	741	2.0
3. Receptor	15	772	2.0
4. Receptor	-7	772	2.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Receptor	276.	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. Receptor	276.	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. Receptor	264.	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. Receptor	264.	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. Receptor	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
2. Receptor	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
3. Receptor	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
4. Receptor	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0

1

```
CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
         JUNE 1989 VERSION
         PAGE   1

     JOB: Cumulative - Intersection 9 - Tennant/Co
     RUN: Hour 1           (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide
```

I. SITE VARIABLES

```
      U=   1.0 M/S            Z0= 100. CM            ALT=   104. (M)
    BRG= WORST CASE           VD=  0.0 CM/S
   CLAS=     7 (G)            VS=  0.0 CM/S
   MIXH= 1000. M             AMB=  0.0 PPM
  SIGTH=    5. DEGREES       TEMP=  3.7 DEGREE (C)
```

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NB External	*	6	0	6	600	* AG	0	1.1	0.0	10.0
B. NB Approach	*	6	600	6	755	* AG	0	1.5	0.0	10.0
C. NB Depart	*	6	755	6	911	* AG	180	1.5	0.0	10.0
D. NB External	*	6	911	6	1511	* AG	180	1.1	0.0	10.0
E. NB Left	*	6	600	3	755	* AG	0	1.5	0.0	10.0
F. SB Left	*	0	911	3	755	* AG	10	1.5	0.0	10.0
G. SB External	*	0	1511	0	911	* AG	90	1.1	0.0	10.0
H. SB Approach	*	0	911	0	755	* AG	80	1.5	0.0	10.0
I. SB Depart	*	0	755	0	600	* AG	0	1.5	0.0	10.0
J. SB External	*	0	600	0	0	* AG	0	1.1	0.0	10.0
K. EB External	*	-750	750	-150	750	* AG	1025	1.1	0.0	13.7
L. EB Approach	*	-150	750	3	750	* AG	865	1.5	0.0	13.7
M. EB Depart	*	3	750	156	750	* AG	875	1.5	0.0	13.7
N. EB External	*	156	750	756	750	* AG	875	1.1	0.0	13.7
O. WB External	*	756	761	156	761	* AG	878	1.1	0.0	13.7
P. WB Approach	*	156	761	3	761	* AG	878	1.5	0.0	13.7
Q. WB Depart	*	3	761	-150	761	* AG	938	1.5	0.0	13.7
R. WB External	*	-150	761	-750	761	* AG	938	1.1	0.0	13.7
S. EB Left	*	-150	750	3	755	* AG	160	1.5	0.0	13.7
T. WB Left	*	156	761	3	755	* AG	0	1.5	0.0	13.7

1

```
CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
         JUNE 1989 VERSION
         PAGE   2

     JOB: Cumulative - Intersection 9 - Tennant/Co
                                Page 1
```

C4-CUMULATIVE-INT9AM.OUT
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. Receptor	-6	742	2.0
2. Receptor	12	742	2.0
3. Receptor	12	769	2.0
4. Receptor	-6	769	2.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Receptor	276.	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. Receptor	275.	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. Receptor	264.	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. Receptor	264.	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. Receptor	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. Receptor	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. Receptor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
4. Receptor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0

1

```
CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
         JUNE 1989 VERSION
         PAGE   1

     JOB: Cumulative - Intersection 10 - Tennant/M
     RUN: Hour 1           (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide
```

I. SITE VARIABLES

```
      U=   1.0 M/S            Z0= 100. CM            ALT=   104. (M)
    BRG= WORST CASE           VD=  0.0 CM/S
   CLAS=     7 (G)            VS=  0.0 CM/S
   MIXH= 1000. M             AMB=  0.0 PPM
  SIGTH=    5. DEGREES       TEMP=  3.7 DEGREE (C)
```

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NB External	*	4	0	4	600	* AG	210	1.1	0.0	10.0
B. NB Approach	*	4	600	4	752	* AG	80	1.5	0.0	10.0
C. NB Depart	*	4	752	4	904	* AG	523	1.5	0.0	10.0
D. NB External	*	4	904	4	1504	* AG	523	1.1	0.0	10.0
E. NB Left	*	4	600	2	752	* AG	130	1.5	0.0	10.0
F. SB Left	*	0	904	2	752	* AG	18	1.5	0.0	10.0
G. SB External	*	0	1504	0	904	* AG	341	1.1	0.0	10.0
H. SB Approach	*	0	904	0	752	* AG	323	1.5	0.0	10.0
I. SB Depart	*	0	752	0	600	* AG	70	1.5	0.0	10.0
J. SB External	*	0	600	0	0	* AG	70	1.1	0.0	10.0
K. EB External	*	-750	750	-150	750	* AG	876	1.1	0.0	10.0
L. EB Approach	*	-150	750	2	750	* AG	438	1.5	0.0	10.0
M. EB Depart	*	2	750	154	750	* AG	446	1.5	0.0	10.0
N. EB External	*	154	750	754	750	* AG	446	1.1	0.0	10.0
O. WB External	*	754	754	154	754	* AG	490	1.1	0.0	10.0
P. WB Approach	*	154	754	2	754	* AG	480	1.5	0.0	10.0
Q. WB Depart	*	2	754	-150	754	* AG	878	1.5	0.0	10.0
R. WB External	*	-150	754	-750	754	* AG	878	1.1	0.0	10.0
S. EB Left	*	-150	750	2	752	* AG	438	1.5	0.0	10.0
T. WB Left	*	154	754	2	752	* AG	10	1.5	0.0	10.0

1

```
CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
         JUNE 1989 VERSION
         PAGE   2

     JOB: Cumulative - Intersection 10 - Tennant/M
                                Page 1
```

C4-CUMULATIVE-INT10AM.OUT
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. Receptor	-5	745	2.0
2. Receptor	9	745	2.0
3. Receptor	9	759	2.0
4. Receptor	-5	759	2.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Receptor	274.	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. Receptor	274.	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. Receptor	266.	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. Receptor	266.	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. Receptor	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
2. Receptor	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
3. Receptor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0
4. Receptor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0

1

```
CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
         JUNE 1989 VERSION
         PAGE   1

     JOB: Intersection 10 - Tennant/Murphy
     RUN: Hour 1           (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide
```

I. SITE VARIABLES

```
      U=   1.0 M/S            Z0= 100. CM           ALT=   104. (M)
    BRG= WORST CASE           VD=  0.0 CM/S
   CLAS=     7 (G)            VS=  0.0 CM/S
   MIXH= 1000. M             AMB=  0.0 PPM
  SIGTH=    5. DEGREES       TEMP=  3.7 DEGREE (C)
```

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NB External	*	4	0	4	600	* AG	185	2.0	0.0	10.0
B. NB Approach	*	4	600	4	752	* AG	62	3.2	0.0	10.0
C. NB Depart	*	4	752	4	904	* AG	418	3.2	0.0	10.0
D. NB External	*	4	904	4	1504	* AG	418	2.0	0.0	10.0
E. NB Left	*	4	600	2	752	* AG	123	3.2	0.0	10.0
F. SB Left	*	0	904	2	752	* AG	10	3.2	0.0	10.0
G. SB External	*	0	1504	0	904	* AG	291	2.0	0.0	10.0
H. SB Approach	*	0	904	0	752	* AG	281	3.2	0.0	10.0
I. SB Depart	*	0	752	0	600	* AG	58	3.2	0.0	10.0
J. SB External	*	0	600	0	0	* AG	58	2.0	0.0	10.0
K. EB External	*	-750	750	-150	750	* AG	737	2.0	0.0	10.0
L. EB Approach	*	-150	750	2	750	* AG	377	3.2	0.0	10.0
M. EB Depart	*	2	750	154	750	* AG	368	3.2	0.0	10.0
N. EB External	*	154	750	754	750	* AG	368	2.0	0.0	10.0
O. WB External	*	754	754	154	754	* AG	397	2.0	0.0	10.0
P. WB Approach	*	154	754	2	754	* AG	388	3.2	0.0	10.0
Q. WB Depart	*	2	754	-150	754	* AG	766	3.2	0.0	10.0
R. WB External	*	-150	754	-750	754	* AG	766	2.0	0.0	10.0
S. EB Left	*	-150	750	2	752	* AG	360	3.2	0.0	10.0
T. WB Left	*	154	754	2	752	* AG	9	3.2	0.0	10.0

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CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
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C4-EXIST-INT10AM.OUT
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. Receptor	-5	745	2.0
2. Receptor	9	745	2.0
3. Receptor	9	759	2.0
4. Receptor	-5	759	2.0

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Receptor	274.	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. Receptor	274.	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. Receptor	266.	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. Receptor	266.	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. Receptor	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
2. Receptor	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
3. Receptor	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0
4. Receptor	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0

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