



INITIAL STUDY/ MITIGATED NEGATIVE DECLARATION

APPENDIX A AIR QUALITY MODEL RUNS

MILTON STREET PARK PROJECT

Prepared for | Mountains Recreation and Conservation Authority
Los Angeles River Center and Gardens
570 West Avenue 26, Suite 100
Los Angeles, California 90065

Prepared by | BonTerra Consulting
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July 2012

Milton Park 071212
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Other Asphalt Surfaces	10.3	1000sqft
Other Non-Asphalt Surfaces	9	1000sqft
City Park	1.2	Acre

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	Los Angeles Department of Water & Power
Climate Zone	8		2.2		
		Precipitation Freq (Days)			

1.3 User Entered Comments

33

Project Characteristics - Op year 2014

Land Use - other asphalt is bikeway; non-asphalt is concrete and flagstone

Construction Phase - small project; building phase to cover all work exc grade & pave grade 3/15-4/15/13(22); build 4/16/13-1/12/14(194); pave 12/16-29/13(10)

Off-road Equipment - build-utilites, ret walls, prefab structures
 1 fork, 1 getset, 2 tlb

Off-road Equipment - grade-grader, dozer, tlb
OFFROAD 2011 load factors

Off-road Equipment - pave-mixer, paver, pavequip,roller, tlb

Grading - 1,500 CY import soil

Vehicle Trips - One maint visit/wk - 0.173 trip/ac/day

Energy Use - 123 kwh/yr = 74.5 kwh/ac/yr

Water And Wastewater - water use 451,014 gal/yr per PD

Land Use Change - data per PD

Sequestration - data per PD

Construction Off-road Equipment Mitigation - Water for dust 2x/day per rule 403

Notes: Shading indicates PM10 data revised from non-CalEEMod calculations to correct error in CalEEMod

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2013	4.26	27.94	19.50	0.03	6.40	2.13	7.85	3.34	2.13	4.69			0.00	0.38	0.00	3,161.21
2014	1.64	11.40	9.11	0.02	0.15	0.81	0.96	0.01	0.81	0.82			0.00	0.15	0.00	1,479.74
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2013	4.26	27.94	19.50	0.03	3.15	2.13	4.50	1.52	2.13	2.87			0.00	0.38	0.00	3,161.21
2014	1.64	11.40	9.11	0.02	0.15	0.81	0.96	0.01	0.81	0.82			0.00	0.15	0.00	1,479.74
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.50	0.00	0.00	0.00		0.00	0.00		0.00	0.00				0.00		0.00
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00				0.00	0.00	0.00
Mobile	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		1.77
Total	0.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	1.77

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.50	0.00	0.00	0.00		0.00	0.00		0.00	0.00				0.00		0.00
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00				0.00	0.00	0.00
Mobile	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		1.77
Total	0.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	1.77

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Grading - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					6.10	0.00	6.10	3.31	0.00	3.31							0.00
Off-Road	2.85	22.93	13.30	0.02		1.13	1.13		1.13	1.13				0.26			2,347.63
Total	2.85	22.93	13.30	0.02	6.10	1.13	7.23	3.31	1.13	4.44				0.26			2,347.63

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.50	4.94	2.90	0.01	0.28	0.21	0.49	0.02	0.21	0.24				0.02			716.34
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00			0.00
Worker	0.06	0.06	0.59	0.00	0.12	0.00	0.13	0.00	0.00	0.01				0.01			95.35
Total	0.56	5.00	3.49	0.01	0.40	0.21	0.62	0.02	0.21	0.25				0.03			811.69

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.75	0.00	2.75	1.49	0.00	1.49						0.00
Off-Road	2.85	22.93	13.30	0.02		1.13	1.13		1.13	1.13				0.26		2,347.63
Total	2.85	22.93	13.30	0.02	2.75	1.13	3.88	1.49	1.13	2.62				0.26		2,347.63

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.50	4.94	2.90	0.01	0.28	0.21	0.49	0.02	0.21	0.24				0.02		716.34
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		0.00
Worker	0.06	0.06	0.59	0.00	0.12	0.00	0.13	0.00	0.00	0.01				0.01		95.35
Total	0.56	5.00	3.49	0.01	0.40	0.21	0.62	0.02	0.21	0.25				0.03		811.69

3.3 Building Construction - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.69	11.65	8.29	0.01		0.89	0.89		0.89	0.89				0.15		1,303.58
Total	1.69	11.65	8.29	0.01		0.89	0.89		0.89	0.89				0.15		1,303.58

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		0.00
Vendor	0.05	0.53	0.37	0.00	0.03	0.02	0.05	0.00	0.02	0.02				0.00		82.49
Worker	0.06	0.06	0.59	0.00	0.12	0.00	0.13	0.00	0.00	0.01				0.01		95.35
Total	0.11	0.59	0.96	0.00	0.15	0.02	0.18	0.00	0.02	0.03				0.01		177.84

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.69	11.65	8.29	0.01		0.89	0.89		0.89	0.89				0.15		1,303.58
Total	1.69	11.65	8.29	0.01		0.89	0.89		0.89	0.89				0.15		1,303.58

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		0.00

Vendor	0.05	0.53	0.37	0.00	0.03	0.02	0.05	0.00	0.02	0.02				0.00		82.49
Worker	0.06	0.06	0.59	0.00	0.12	0.00	0.13	0.00	0.00	0.01				0.01		95.35
Total	0.11	0.59	0.96	0.00	0.15	0.02	0.18	0.00	0.02	0.03				0.01		177.84

3.3 Building Construction - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.54	10.86	8.23	0.01		0.79	0.79		0.79	0.79				0.14		1,303.31
Total	1.54	10.86	8.23	0.01		0.79	0.79		0.79	0.79				0.14		1,303.31

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		0.00
Vendor	0.05	0.48	0.34	0.00	0.03	0.02	0.04	0.00	0.02	0.02				0.00		82.63
Worker	0.05	0.06	0.54	0.00	0.12	0.00	0.13	0.00	0.00	0.01				0.01		93.80
Total	0.10	0.54	0.88	0.00	0.15	0.02	0.17	0.00	0.02	0.03				0.01		176.43

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	lb/day										lb/day					
Off-Road	1.54	10.86	8.23	0.01		0.79	0.79		0.79	0.79				0.14		1,303.31
Total	1.54	10.86	8.23	0.01		0.79	0.79		0.79	0.79				0.14		1,303.31

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		0.00
Vendor	0.05	0.48	0.34	0.00	0.03	0.02	0.04	0.00	0.02	0.02				0.00		82.63
Worker	0.05	0.06	0.54	0.00	0.12	0.00	0.13	0.00	0.00	0.01				0.01		93.80
Total	0.10	0.54	0.88	0.00	0.15	0.02	0.17	0.00	0.02	0.03				0.01		176.43

3.4 Paving - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.31	14.29	9.29	0.01		1.22	1.22		1.22	1.22				0.21		1,322.27
Paving	0.06					0.00	0.00		0.00	0.00						0.00
Total	2.37	14.29	9.29	0.01		1.22	1.22		1.22	1.22				0.21		1,322.27

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		0.00
Worker	0.09	0.10	0.96	0.00	0.20	0.01	0.21	0.01	0.01	0.01				0.01		154.94
Total	0.09	0.10	0.96	0.00	0.20	0.01	0.21	0.01	0.01	0.01				0.01		154.94

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.31	14.29	9.29	0.01		1.22	1.22		1.22	1.22				0.21		1,322.27
Paving	0.06					0.00	0.00		0.00	0.00						0.00
Total	2.37	14.29	9.29	0.01		1.22	1.22		1.22	1.22				0.21		1,322.27

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		0.00

Worker	0.09	0.10	0.96	0.00	0.20	0.01	0.21	0.01	0.01	0.01				0.01		154.94
Total	0.09	0.10	0.96	0.00	0.20	0.01	0.21	0.01	0.01	0.01				0.01		154.94

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		1.77
Unmitigated	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00		1.77
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.21	0.00	0.00	423	423
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		

Total	0.21	0.00	0.00	423	423
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4.3 Trip Type Information

Land Use	Miles			Trip %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
City Park	8.90	13.30	7.40	33.00	48.00	19.00
Other Asphalt Surfaces	8.90	13.30	7.40	0.00	0.00	0.00
Other Non-Asphalt Surfaces	8.90	13.30	7.40	0.00	0.00	0.00

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.50	0.00	0.00	0.00		0.00	0.00		0.00	0.00				0.00		0.00
Unmitigated	0.50	0.00	0.00	0.00		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	lb/day										lb/day					
Architectural Coating	0.12					0.00	0.00		0.00	0.00						0.00

Consumer Products	0.38					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00				0.00		0.00
Total	0.50	0.00	0.00	0.00		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	lb/day										lb/day					
Architectural Coating	0.12					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.38					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00				0.00		0.00
Total	0.50	0.00	0.00	0.00		0.00	0.00		0.00	0.00				0.00		0.00

Fugitive PM from Hauling

$$EF = k(s/2)^{0.65}(w/3)^{1.5}$$

Formula for emission factor (EF)
from CalEEMod Appendix A

k factor from USEPA AP-42

EF	k-PM10 #	sl	w
0.001633	0.016	0.1	2.4

sL and w are CalEEMod defaults

$$\text{Emissions} = EF * \text{miles}$$

Milton Street

trips	188
vMT/trip	20
VMT	3760
days	22
VMT/day	171
PM10	0.28

Milton Park 071212
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Other Asphalt Surfaces	10.3	1000sqft
Other Non-Asphalt Surfaces	9	1000sqft
City Park	1.2	Acre

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)		Utility Company	Los Angeles Department of Water & Power
Climate Zone	8		2.2		
		Precipitation Freq (Days)			

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Project Characteristics - Op year 2014

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Grading - 1,500 CY import soil

Vehicle Trips - One maint visit/wk - 0.173 trip/ac/day

Energy Use - 123 kwh/yr = 74.5 kwh/ac/yr

Water And Wastewater - water use 451,014 gal/yr per PD

Land Use Change - data per PD

Sequestration - data per PD

Construction Off-road Equipment Mitigation - Water for dust 2x/day per rule 403

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					
2013	0.22	1.51	1.10	0.00	0.12	0.11	0.23	0.04	0.11	0.14			163.09	0.02	0.00	163.45
2014	0.01	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00			5.37	0.00	0.00	5.38
Total	0.23	1.56	1.14	0.00	0.12	0.11	0.23	0.04	0.11	0.14			168.46	0.02	0.00	168.83

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					
2013	0.22	1.51	1.10	0.00	0.09	0.11	0.19	0.02	0.11	0.12			163.09	0.02	0.00	163.45
2014	0.01	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00			5.37	0.00	0.00	5.38
Total	0.23	1.56	1.14	0.00	0.09	0.11	0.19	0.02	0.11	0.12			168.46	0.02	0.00	168.83

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	0.09	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.21	0.00	0.00	0.21
Waste						0.00	0.00		0.00	0.00			0.02	0.00	0.00	0.05
Water						0.00	0.00		0.00	0.00			2.81	0.00	0.00	2.82
Total	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			3.04	0.00	0.00	3.08

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	0.09	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.21	0.00	0.00	0.21
Waste						0.00	0.00		0.00	0.00			0.02	0.00	0.00	0.05
Water						0.00	0.00		0.00	0.00			2.81	0.00	0.00	2.82
Total	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			3.04	0.00	0.00	3.08

2.3 Vegetation

Vegetation

	ROG	NOx	CO	SO2	CO2e
Category	tons				MT
New Trees					35.40
Vegetation Land Change					27.52
Total					62.92

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 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					0.07	0.00	0.07	0.04	0.00	0.04			0.00	0.00	0.00	0.00
Off-Road	0.03	0.25	0.15	0.00		0.01	0.01		0.01	0.01			23.37	0.00	0.00	23.42
Total	0.03	0.25	0.15	0.00	0.07	0.01	0.08	0.04	0.01	0.05			23.37	0.00	0.00	23.42

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	0.01	0.05	0.03	0.00	0.04	0.00	0.05	0.00	0.00	0.00			7.16	0.00	0.00	7.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.97	0.00	0.00	0.97
Total	0.01	0.05	0.04	0.00	0.04	0.00	0.05	0.00	0.00	0.00			8.13	0.00	0.00	8.14

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					
Fugitive Dust					0.03	0.00	0.03	0.02	0.00	0.02			0.00	0.00	0.00	0.00
Off-Road	0.03	0.25	0.15	0.00		0.01	0.01		0.01	0.01			23.37	0.00	0.00	23.42
Total	0.03	0.25	0.15	0.00	0.03	0.01	0.04	0.02	0.01	0.03			23.37	0.00	0.00	23.42

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	0.01	0.05	0.03	0.00	0.04	0.00	0.05	0.00	0.00	0.00			7.16	0.00	0.00	7.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00

Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.97	0.00	0.00	0.97
Total	0.01	0.05	0.04	0.00	0.04	0.00	0.05	0.00	0.00	0.00	0.00			8.13	0.00	0.00	8.14

3.3 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	0.16	1.08	0.77	0.00		0.08	0.08		0.08	0.08			109.68	0.01	0.00	109.95
Total	0.16	1.08	0.77	0.00		0.08	0.08		0.08	0.08			109.68	0.01	0.00	109.95

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	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
Vendor	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00			6.98	0.00	0.00	6.99
Worker	0.01	0.01	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00			8.22	0.00	0.00	8.23
Total	0.01	0.06	0.09	0.00	0.01	0.00	0.01	0.00	0.00	0.00			15.20	0.00	0.00	15.22

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
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Category	tons/yr										MT/yr					
Off-Road	0.16	1.08	0.77	0.00		0.08	0.08		0.08	0.08			109.68	0.01	0.00	109.95
Total	0.16	1.08	0.77	0.00		0.08	0.08		0.08	0.08			109.68	0.01	0.00	109.95

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	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
Vendor	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00			6.98	0.00	0.00	6.99
Worker	0.01	0.01	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00			8.22	0.00	0.00	8.23
Total	0.01	0.06	0.09	0.00	0.01	0.00	0.01	0.00	0.00	0.00			15.20	0.00	0.00	15.22

3.3 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	0.01	0.04	0.03	0.00		0.00	0.00		0.00	0.00			4.72	0.00	0.00	4.73
Total	0.01	0.04	0.03	0.00		0.00	0.00		0.00	0.00			4.72	0.00	0.00	4.73

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	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.30	0.00	0.00	0.30
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.35	0.00	0.00	0.35
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.65	0.00	0.00	0.65

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	0.01	0.04	0.03	0.00		0.00	0.00		0.00	0.00			4.72	0.00	0.00	4.73
Total	0.01	0.04	0.03	0.00		0.00	0.00		0.00	0.00			4.72	0.00	0.00	4.73

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	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.30	0.00	0.00	0.30
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.35	0.00	0.00	0.35
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.65	0.00	0.00	0.65

3.4 Paving - 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	0.01	0.07	0.05	0.00		0.01	0.01		0.01	0.01			5.98	0.00	0.00	6.00
Paving	0.00					0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Total	0.01	0.07	0.05	0.00		0.01	0.01		0.01	0.01			5.98	0.00	0.00	6.00

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	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.72	0.00	0.00	0.72
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.72	0.00	0.00	0.72

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	0.01	0.07	0.05	0.00		0.01	0.01		0.01	0.01			5.98	0.00	0.00	6.00

Paving	0.00					0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Total	0.01	0.07	0.05	0.00		0.01	0.01		0.01	0.01			5.98	0.00	0.00	6.00

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	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.72	0.00	0.00	0.72
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.72	0.00	0.00	0.72

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.21
Unmitigated	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.21
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.21	0.00	0.00	423	423
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.21	0.00	0.00	423	423

4.3 Trip Type Information

Land Use	Miles			Trip %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
City Park	8.90	13.30	7.40	33.00	48.00	19.00
Other Asphalt Surfaces	8.90	13.30	7.40	0.00	0.00	0.00
Other Non-Asphalt Surfaces	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Electricity Unmitigated						0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
NaturalGas Mitigated	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
NaturalGas Unmitigated	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Total	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					
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Total		0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00

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					
City Park	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00

Other Asphalt Surfaces	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Total		0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00

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			
City Park	0					0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Total						0.00	0.00	0.00	0.00

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
City Park	0					0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Total						0.00	0.00	0.00	0.00

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	0.09	0.00	0.00	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Unmitigated	0.09	0.00	0.00	0.00		0.00	0.00		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	0.02					0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Consumer Products	0.07					0.00	0.00		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		0.00	0.00			0.00	0.00	0.00	0.00
Total	0.09	0.00	0.00	0.00		0.00	0.00		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	0.02					0.00	0.00		0.00	0.00			0.00	0.00	0.00	0.00
Consumer Products	0.07					0.00	0.00		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		0.00	0.00			0.00	0.00	0.00	0.00
Total	0.09	0.00	0.00	0.00		0.00	0.00		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					2.81	0.00	0.00	2.82
Unmitigated					2.81	0.00	0.00	2.82
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			
City Park	0 / 0.451014					2.81	0.00	0.00	2.82
Other Asphalt Surfaces	0 / 0					0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0 / 0					0.00	0.00	0.00	0.00
Total						2.81	0.00	0.00	2.82

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
City Park	0 / 0.451014					2.81	0.00	0.00	2.82
Other Asphalt Surfaces	0 / 0					0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0 / 0					0.00	0.00	0.00	0.00
Total						2.81	0.00	0.00	2.82

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					0.02	0.00	0.00	0.05
Unmitigated					0.02	0.00	0.00	0.05
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			
City Park	0.1					0.02	0.00	0.00	0.05
Other Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Total						0.02	0.00	0.00	0.05

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
City Park	0.1					0.02	0.00	0.00	0.05
Other Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0					0.00	0.00	0.00	0.00
Total						0.02	0.00	0.00	0.05

9.0 Vegetation

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons				MT			
Unmitigated					62.92	0.00	0.00	62.92
Total	NA	NA	NA	NA	NA	NA	NA	NA

9.1 Vegetation Land Change

Vegetation Type

	Initial/Final	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	Acres	tons				MT			
Grassland	0 / 0.84					3.62	0.00	0.00	3.62
Scrub	0 / 0.74					10.58	0.00	0.00	10.58
Trees	0 / 0.12					13.32	0.00	0.00	13.32
Total						27.52	0.00	0.00	27.52

9.1 Net New Trees

Species Class

	Number of Trees	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e

		tons				MT			
Miscellaneous	50					35.40	0.00	0.00	35.40
Total						35.40	0.00	0.00	35.40