

**Parenthetical CALEEMOD Assumptions
For: Portola Center
Date: June 2013**

LAND USES

Land Uses	CalEEMod Land Uses	Size	Metric	Trip Rate
Single Family Detached	Single Family Housing	617	Dwelling Unit	9.57
Multi Family and Second Units	Apartments Low Rise	331	Dwelling Unit	8.15
Neighborhood Parks/HOA Facilities	City Park	5.6	Acre	1.59
Active Public Neighborhood Park	User Defined Recreational	5	Acre	53.8
Commercial	Strip Mall	10	Thousand Square Feet	152

Note: Trip rates based on the *Portola Center Project Traffic Impact Study*, prepared by Wilson and Company (dated January 2013).

CONSTRUCTION

PHASE 1 (PORTOLA SOUTH SITE)

Site Preparation (10/1/2013 – 10/31/2013)

Equipment:

Type	Quantity	Hours of Daily Operation
Crawler Tractors	3	8
Off-Highway Trucks	1	8
Tractors/Loaders/Backhoes	2	8

Mass Grading (11/1/2013 – 7/31/2014)

- Approximately 87 acres
- 2.3 million cubic yards of cut/fill (includes excavation and export of 550,000 cubic yards of select fill to the north sites)
- 550,000 cubic yards of import (approximately 0.2 miles between south and north sites)
- Hauling phased

Equipment:

Type	Quantity	Hours of Daily Operation
Crawler Tractors	4	8
Excavators	1	8
Graders	2	8
Off-Highway Trucks	1	8
Scrapers	10	8
Tractors/Loaders/Backhoes	1	8

Precise Grading (9/1/2014 – 8/31/2016)

- Approximately 28,000 cubic yards of cut/fill

Equipment:

Type	Quantity	Hours of Daily Operation
Excavators	2	8
Off-Highway Trucks	1	8
Skid Steer Loaders	1	8
Tractors/Loaders/Backhoes	1	8
Tractors/Loaders/Backhoes	1	8

Paving (8/1/2014 – 4/30/2016)

Equipment:

Type	Quantity	Hours of Daily Operation
Graders	1	8
Off-Highway Trucks	1	8
Pavers	1	8
Rollers	2	8

Building Construction (9/1/2014 – 8/31/2016)

Equipment:

Type	Quantity	Hours of Daily Operation
Forklifts	9	8
Generator Sets	3	8

Architectural Coating (9/1/2014 – 8/31/2016)

Equipment:

Type	Quantity	Hours of Daily Operation
Air Compressors	5	6

PHASE 2 (PORTOLA NORTHWEST SITE)

Site Preparation (10/1/2013 – 10/31/2013)

Equipment:

Type	Quantity	Hours of Daily Operation
Crawler Tractors	2	8
Off-Highway Trucks	1	8
Tractors/Loaders/Backhoes	2	8

Mass Grading (11/1/2013 – 4/30/2014)

- Approximately 25.3 acres
- 370,000 cubic yards of cut/fill (includes excavation and export of 110,000 cubic yards of select fill to the south site)
- 110,000 cubic yards of import (approximately 0.2 miles between south and north sites)
- Hauling phased

Equipment:

Type	Quantity	Hours of Daily Operation
Excavators	1	8
Graders	2	8
Off-Highway Trucks	1	8
Scrapers	5	8
Tractors/Loaders/Backhoes	1	8

Precise Grading (9/1/2014 – 12/31/2015)

- Approximately 8,000 cubic yards of cut/fill

Equipment:

Type	Quantity	Hours of Daily Operation
Excavators	2	8
Off-Highway Trucks	1	8
Skid Steer Loaders	1	8
Tractors/Loaders/Backhoes	1	8
Tractors/Loaders/Backhoes	1	8

Paving (8/1/2014 – 11/30/2015)**Equipment:**

Type	Quantity	Hours of Daily Operation
Graders	1	8
Off-Highway Trucks	1	8
Pavers	1	8
Rollers	2	8

Building Construction (9/1/2014 – 12/31/2015)**Equipment:**

Type	Quantity	Hours of Daily Operation
Forklifts	9	8
Generator Sets	3	8

Architectural Coating (9/1/2014 – 12/31/2015)**Equipment:**

Type	Quantity	Hours of Daily Operation
Air Compressors	5	6

PHASE 3 (PORTOLA NORTHEAST SITE)**Site Preparation (10/1/2013 – 10/31/2013)****Equipment:**

Type	Quantity	Hours of Daily Operation
Crawler Tractors	3	8
Off-Highway Trucks	1	8
Tractors/Loaders/Backhoes	2	8

Mass Grading (11/1/2013 – 10/31/2014)

- Approximately 64 acres
- 1.6 million cubic yards of cut/fill (includes excavation and export of 440,000 cubic yards of select fill to the south site)
- 440,000 cubic yards of import (approximately 0.2 miles between south and north sites)
- Hauling phased

Equipment:

Type	Quantity	Hours of Daily Operation
Crawler Tractors	3	8
Excavators	1	8
Graders	2	8
Off-Highway Trucks	1	8
Scrapers	6	8
Tractors/Loaders/Backhoes	1	8

Precise Grading (3/1/2015 – 7/31/2017)

- Approximately 21,000 cubic yards of cut/fill

Equipment:

Type	Quantity	Hours of Daily Operation
Excavators	2	8
Off-Highway Trucks	1	8
Skid Steer Loaders	1	8
Tractors/Loaders/Backhoes	1	8
Tractors/Loaders/Backhoes	1	8

Paving (2/1/2015 – 6/30/2017)**Equipment:**

Type	Quantity	Hours of Daily Operation
Graders	1	8
Off-Highway Trucks	1	8
Pavers	1	8
Rollers	2	8

Building Construction (3/1/2015 – 7/31/2017)**Equipment:**

Type	Quantity	Hours of Daily Operation
Forklifts	9	8
Generator Sets	3	8

Architectural Coating (3/1/2015 – 7/31/2017)**Equipment:**

Type	Quantity	Hours of Daily Operation
Air Compressors	5	6

Portola Center - Construction
Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
City Park	5.6	Acre
City Park	5	Acre
Apartments Low Rise	335	Dwelling Unit
Single Family Housing	613	Dwelling Unit
Strip Mall	10	1000sqft

1.2 Other Project Characteristics

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

1.3 User Entered Comments

Project Characteristics -
 Land Use - Total Site Acreage = 195
 Construction Phase - proposed construction schedule
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates

Year	lb/day										lb/day					
	2013	81.34	592.11	498.38	0.56	161.21	21.59	182.80	0.98	21.59	22.57	0.00	59,339.89	0.00	6.18	0.00
2014	115.63	563.16	475.21	0.61	161.21	20.06	180.94	1.14	20.06	21.20	0.00	60,457.51	0.00	5.89	0.00	60,581.16
2015	123.26	305.37	318.11	0.64	31.11	18.50	49.61	1.23	18.50	19.73	0.00	61,984.87	0.00	4.47	0.00	62,078.69
2016	71.00	184.39	204.35	0.43	20.92	11.03	31.94	0.82	11.03	11.85	0.00	40,866.60	0.00	2.73	0.00	40,924.01
2017	32.47	83.66	99.08	0.21	10.37	4.92	15.29	0.41	4.92	5.33	0.00	20,303.96	0.00	1.26	0.00	20,330.36
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Mitigated Construction

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	lb/day					
	lb/day										lb/day					
2013	213.51	527.70	537.00	0.56	117.32	16.85	134.18	0.51	16.85	17.36	0.00	59,339.89	0.00	6.18	0.00	59,469.67
2014	216.91	531.00	522.74	0.61	117.32	16.83	133.96	0.99	16.83	17.82	0.00	60,457.51	0.00	5.89	0.00	60,581.16
2015	214.13	327.65	338.38	0.64	23.23	17.05	40.27	1.23	17.05	18.28	0.00	61,984.87	0.00	4.47	0.00	62,078.69
2016	133.41	214.80	218.63	0.43	15.60	11.21	26.81	0.82	11.21	12.03	0.00	40,866.60	0.00	2.73	0.00	40,924.01
2017	64.58	106.14	106.52	0.21	7.75	5.57	13.32	0.41	5.57	5.98	0.00	20,303.96	0.00	1.26	0.00	20,330.36
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 01 Site Preparation Phase 1 - 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					4.01	0.00	4.01	0.00	0.00	0.00						0.00
Off-Road	3.62	24.34	13.80	0.03		1.73	1.73		1.73	1.73		2,566.36		0.32		2,573.18
Total	3.62	24.34	13.80	0.03	4.01	1.73	5.74	0.00	1.73	1.73		2,566.36		0.32		2,573.18

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.10	0.95	0.00	0.23	0.01	0.24	0.01	0.01	0.02		170.68		0.01		170.88
Total	0.09	0.10	0.95	0.00	0.23	0.01	0.24	0.01	0.01	0.02		170.68		0.01		170.88

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.71	0.00	1.71	0.00	0.00	0.00						0.00
Off-Road	12.09	21.12	14.87	0.03		1.10	1.10		1.10	1.10	0.00	2,566.36		0.32		2,573.18
Total	12.09	21.12	14.87	0.03	1.71	1.10	2.81	0.00	1.10	1.10	0.00	2,566.36		0.32		2,573.18

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.10	0.95	0.00	0.17	0.01	0.18	0.01	0.01	0.02		170.68		0.01		170.88
Total	0.09	0.10	0.95	0.00	0.17	0.01	0.18	0.01	0.01	0.02		170.68		0.01		170.88

3.3 07 Site Preparation Phase 2 - 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					1.17	0.00	1.17	0.00	0.00	0.00						0.00
Off-Road	2.93	20.22	11.19	0.02		1.37	1.37		1.37	1.37		2,213.27		0.26		2,218.79
Total	2.93	20.22	11.19	0.02	1.17	1.37	2.54	0.00	1.37	1.37		2,213.27		0.26		2,218.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	0.82	0.00	0.20	0.01	0.21	0.01	0.01	0.01		147.92		0.01		148.10
Total	0.08	0.09	0.82	0.00	0.20	0.01	0.21	0.01	0.01	0.01		147.92		0.01		148.10

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.50	0.00	0.50	0.00	0.00	0.00						0.00
Off-Road	10.29	18.08	12.57	0.02		0.92	0.92		0.92	0.92	0.00	2,213.27		0.26		2,218.79
Total	10.29	18.08	12.57	0.02	0.50	0.92	1.42	0.00	0.92	0.92	0.00	2,213.27		0.26		2,218.79

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

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.08	0.09	0.82	0.00	0.15	0.01	0.16	0.01	0.01	0.01			147.92		0.01	
Total	0.08	0.09	0.82	0.00	0.15	0.01	0.16	0.01	0.01	0.01			147.92		0.01	148.10

3.4 13 Site Preparation Phase 3 - 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					7.28	0.00	7.28	0.66	0.00	0.66						0.00
Off-Road	3.25	21.89	11.90	0.02		1.53	1.53		1.53	1.53			2,288.47	0.29		2,294.60
Total	3.25	21.89	11.90	0.02	7.28	1.53	8.81	0.66	1.53	2.19			2,288.47	0.29		2,294.60

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	lb/day										lb/day					
Hauling	22.10	121.24	218.53	0.07	12.86	1.76	14.62	0.07	1.76	1.83		6,993.37		1.16		7,017.65
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	0.82	0.00	0.20	0.01	0.21	0.01	0.01	0.01			147.92	0.01		148.10
Total	22.18	121.33	219.35	0.07	13.06	1.77	14.83	0.08	1.77	1.84		7,141.29		1.17		7,165.75

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					3.11	0.00	3.11	0.28	0.00	0.28						0.00
Off-Road	10.67	18.73	13.06	0.02		0.96	0.96		0.96	0.96	0.00	2,288.47		0.29		2,294.60
Total	10.67	18.73	13.06	0.02	3.11	0.96	4.07	0.28	0.96	1.24	0.00	2,288.47		0.29		2,294.60

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	lb/day										lb/day					
Hauling	22.10	121.24	218.53	0.07	9.54	1.76	11.30	0.07	1.76	1.83		6,993.37		1.16		7,017.65
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	0.82	0.00	0.15	0.01	0.16	0.01	0.01	0.01		147.92		0.01		148.10
Total	22.18	121.33	219.35	0.07	9.69	1.77	11.46	0.08	1.77	1.84		7,141.29		1.17		7,165.75

3.5 08 Mass Grading Phase 2 - 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					0.63	0.00	0.63	0.06	0.00	0.06						0.00
Off-Road	11.86	101.58	47.75	0.11		4.31	4.31		4.31	4.31		11,712.75		1.06		11,734.93
Total	11.86	101.58	47.75	0.11	0.63	4.31	4.94	0.06	4.31	4.37		11,712.75		1.06		11,734.93

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	3.31	18.18	32.76	0.01	10.77	0.26	11.04	0.01	0.26	0.27		1,048.51		0.17		1,052.15
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.16	0.17	1.58	0.00	0.38	0.01	0.40	0.01	0.01	0.03		284.46		0.02		284.80
Total	3.47	18.35	34.34	0.01	11.15	0.27	11.44	0.02	0.27	0.30		1,332.97		0.19		1,336.95

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	lb/day										lb/day					
Fugitive Dust					0.27	0.00	0.27	0.03	0.00	0.03						0.00
Off-Road	42.46	87.41	57.86	0.11		3.40	3.40		3.40	3.40	0.00	11,712.75		1.06		11,734.93
Total	42.46	87.41	57.86	0.11	0.27	3.40	3.67	0.03	3.40	3.43	0.00	11,712.75		1.06		11,734.93

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	3.31	18.18	32.76	0.01	7.97	0.26	8.24	0.01	0.26	0.27		1,048.51		0.17		1,052.15
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.16	0.17	1.58	0.00	0.29	0.01	0.30	0.01	0.01	0.03		284.46		0.02		284.80

Total	3.47	18.35	34.34	0.01	8.26	0.27	8.54	0.02	0.27	0.30		1,332.97		0.19		1,336.95
-------	------	-------	-------	------	------	------	------	------	------	------	--	----------	--	------	--	----------

3.5 08 Mass Grading Phase 2 - 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						
Fugitive Dust					0.63	0.00	0.63	0.06	0.00	0.06							0.00
Off-Road	11.26	93.88	45.66	0.11		3.93	3.93		3.93	3.93		11,712.74		1.01			11,733.88
Total	11.26	93.88	45.66	0.11	0.63	3.93	4.56	0.06	3.93	3.99		11,712.74		1.01			11,733.88

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	3.18	18.56	31.21	0.01	10.77	0.24	11.01	0.01	0.24	0.25		1,080.53		0.17			1,084.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Worker	0.15	0.15	1.46	0.00	0.38	0.01	0.40	0.01	0.01	0.03		278.93		0.02			279.25
Total	3.33	18.71	32.67	0.01	11.15	0.25	11.41	0.02	0.25	0.28		1,359.46		0.19			1,363.25

Mitigated Construction On-Site

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

Fugitive Dust					0.27	0.00	0.27	0.03	0.00	0.03						0.00
Off-Road	42.46	87.41	57.86	0.11		3.40	3.40		3.40	3.40	0.00	11,712.74		1.01		11,733.88
Total	42.46	87.41	57.86	0.11	0.27	3.40	3.67	0.03	3.40	3.43	0.00	11,712.74		1.01		11,733.88

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	3.18	18.56	31.21	0.01	7.97	0.24	8.21	0.01	0.24	0.25		1,080.53		0.17		1,084.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.15	0.15	1.46	0.00	0.29	0.01	0.30	0.01	0.01	0.03		278.93		0.02		279.25
Total	3.33	18.71	32.67	0.01	8.26	0.25	8.51	0.02	0.25	0.28		1,359.46		0.19		1,363.25

3.6 14 Mass Grading Phase 3 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.03	0.00	2.03	0.27	0.00	0.27						0.00
Off-Road	16.44	136.08	64.21	0.14		6.22	6.22		6.22	6.22		15,434.52		1.47		15,465.28
Total	16.44	136.08	64.21	0.14	2.03	6.22	8.25	0.27	6.22	6.49		15,434.52		1.47		15,465.28

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	lb/day										lb/day					
Hauling	9.03	49.53	89.29	0.03	59.36	0.72	60.08	0.03	0.72	0.75		2,857.27		0.47		2,867.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.24	0.26	2.40	0.00	0.58	0.02	0.60	0.02	0.02	0.04		432.38		0.02		432.90
Total	9.27	49.79	91.69	0.03	59.94	0.74	60.68	0.05	0.74	0.79		3,289.65		0.49		3,300.09

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.87	0.00	0.87	0.11	0.00	0.11						0.00
Off-Road	58.34	116.39	76.93	0.14		4.66	4.66		4.66	4.66	0.00	15,434.52		1.47		15,465.28
Total	58.34	116.39	76.93	0.14	0.87	4.66	5.53	0.11	4.66	4.77	0.00	15,434.52		1.47		15,465.28

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	lb/day										lb/day					
Hauling	9.03	49.53	89.29	0.03	43.93	0.72	44.65	0.03	0.72	0.75		2,857.27		0.47		2,867.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.24	0.26	2.40	0.00	0.44	0.02	0.46	0.02	0.02	0.04		432.38		0.02		432.90
Total	9.27	49.79	91.69	0.03	44.37	0.74	45.11	0.05	0.74	0.79		3,289.65		0.49		3,300.09

3.6 14 Mass Grading Phase 3 - 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					
Fugitive Dust					2.03	0.00	2.03	0.27	0.00	0.27						0.00
Off-Road	15.59	125.82	61.60	0.14		5.68	5.68		5.68	5.68		15,434.50		1.39		15,463.76
Total	15.59	125.82	61.60	0.14	2.03	5.68	7.71	0.27	5.68	5.95		15,434.50		1.39		15,463.76

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	8.66	50.57	85.05	0.03	59.36	0.65	60.01	0.03	0.65	0.68		2,944.51		0.45		2,953.97
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.22	0.23	2.21	0.00	0.58	0.02	0.60	0.02	0.02	0.04		423.97		0.02		424.45
Total	8.88	50.80	87.26	0.03	59.94	0.67	60.61	0.05	0.67	0.72		3,368.48		0.47		3,378.42

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	lb/day										lb/day					
Fugitive Dust					0.87	0.00	0.87	0.11	0.00	0.11						0.00

Off-Road	58.34	116.39	76.93	0.14		4.66	4.66		4.66	4.66	0.00	15,434.50		1.39		15,463.76
Total	58.34	116.39	76.93	0.14	0.87	4.66	5.53	0.11	4.66	4.77	0.00	15,434.50		1.39		15,463.76

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	8.66	50.57	85.05	0.03	43.93	0.65	44.58	0.03	0.65	0.68		2,944.51		0.45		2,953.97
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.22	0.23	2.21	0.00	0.44	0.02	0.46	0.02	0.02	0.04		423.97		0.02		424.45
Total	8.88	50.80	87.26	0.03	44.37	0.67	45.04	0.05	0.67	0.72		3,368.48		0.47		3,378.42

3.7 02 Mass Grading Phase 1 - 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					3.78	0.00	3.78	0.50	0.00	0.50						0.00
Off-Road	23.11	193.37	90.41	0.20		8.68	8.68		8.68	8.68		21,680.99		2.06		21,724.20
Total	23.11	193.37	90.41	0.20	3.78	8.68	12.46	0.50	8.68	9.18		21,680.99		2.06		21,724.20

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
--	-----	-----	----	-----	---------------	--------------	------------	----------------	---------------	-------------	----------	-----------	-----------	-----	-----	------

Category	lb/day										lb/day					
	Hauling	16.88	92.62	166.96	0.05	82.94	1.34	84.29	0.05	1.34	1.40		5,342.84		0.88	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.30	0.32	3.03	0.01	0.74	0.02	0.76	0.03	0.02	0.05		546.17		0.03		546.82
Total	17.18	92.94	169.99	0.06	83.68	1.36	85.05	0.08	1.36	1.45		5,889.01		0.91		5,908.21

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.62	0.00	1.62	0.21	0.00	0.21						0.00
Off-Road	82.79	162.82	106.19	0.20		6.41	6.41		6.41	6.41	0.00	21,680.99		2.06		21,724.20
Total	82.79	162.82	106.19	0.20	1.62	6.41	8.03	0.21	6.41	6.62	0.00	21,680.99		2.06		21,724.20

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	16.88	92.62	166.96	0.05	61.39	1.34	62.73	0.05	1.34	1.40		5,342.84		0.88		5,361.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.30	0.32	3.03	0.01	0.55	0.02	0.58	0.03	0.02	0.05		546.17		0.03		546.82
Total	17.18	92.94	169.99	0.06	61.94	1.36	63.31	0.08	1.36	1.45		5,889.01		0.91		5,908.21

3.7 02 Mass Grading Phase 1 - 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					
Fugitive Dust					3.78	0.00	3.78	0.50	0.00	0.50						0.00
Off-Road	21.94	179.07	86.20	0.20		7.95	7.95		7.95	7.95		21,680.96		1.96		21,722.19
Total	21.94	179.07	86.20	0.20	3.78	7.95	11.73	0.50	7.95	8.45		21,680.96		1.96		21,722.19

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	16.20	94.57	159.03	0.05	82.94	1.22	84.16	0.05	1.22	1.27		5,505.97		0.84		5,523.66
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.28	0.29	2.80	0.01	0.74	0.02	0.76	0.03	0.02	0.05		535.54		0.03		536.15
Total	16.48	94.86	161.83	0.06	83.68	1.24	84.92	0.08	1.24	1.32		6,041.51		0.87		6,059.81

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.62	0.00	1.62	0.21	0.00	0.21						0.00
Off-Road	82.79	162.82	106.19	0.20		6.41	6.41		6.41	6.41	0.00	21,680.96		1.96		21,722.19
Total	82.79	162.82	106.19	0.20	1.62	6.41	8.03	0.21	6.41	6.62	0.00	21,680.96		1.96		21,722.19

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	16.20	94.57	159.03	0.05	61.39	1.22	62.61	0.05	1.22	1.27		5,505.97		0.84		5,523.66
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.28	0.29	2.80	0.01	0.55	0.02	0.58	0.03	0.02	0.05		535.54		0.03		536.15
Total	16.48	94.86	161.83	0.06	61.94	1.24	63.19	0.08	1.24	1.32		6,041.51		0.87		6,059.81

3.8 04 Paving Phase 1 - 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	3.21	22.65	13.16	0.03		1.42	1.42		1.42	1.42		2,630.05		0.29		2,636.09
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.21	22.65	13.16	0.03		1.42	1.42		1.42	1.42		2,630.05		0.29		2,636.09

Unmitigated Construction Off-Site

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

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.08	0.08	0.76	0.00	0.20	0.01	0.21	0.01	0.01	0.01	0.01	145.04	0.01			145.21
Total	0.08	0.08	0.76	0.00	0.20	0.01	0.21	0.01	0.01	0.01		145.04			0.01	145.21

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	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.29		2,636.09
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.29		2,636.09

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.76	0.00	0.15	0.01	0.16	0.01	0.01	0.01		145.04		0.01		145.21
Total	0.08	0.08	0.76	0.00	0.15	0.01	0.16	0.01	0.01	0.01		145.04		0.01		145.21

3.8 04 Paving Phase 1 - 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	lb/day										lb/day					
Off-Road	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05		0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05		0.27		2,635.69

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.70	0.00	0.20	0.01	0.21	0.01	0.01	0.01		141.81		0.01		141.97
Total	0.07	0.07	0.70	0.00	0.20	0.01	0.21	0.01	0.01	0.01		141.81		0.01		141.97

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	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.70	0.00	0.15	0.01	0.16	0.01	0.01	0.01		141.81		0.01		141.97
Total	0.07	0.07	0.70	0.00	0.15	0.01	0.16	0.01	0.01	0.01		141.81		0.01		141.97

3.8 04 Paving Phase 1 - 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	lb/day										lb/day					
Off-Road	2.82	18.93	12.98	0.03		1.19	1.19		1.19	1.19		2,630.05		0.25		2,635.36
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.82	18.93	12.98	0.03		1.19	1.19		1.19	1.19		2,630.05		0.25		2,635.36

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.64	0.00	0.20	0.01	0.21	0.01	0.01	0.01		137.87		0.01		138.01

Total	0.07	0.07	0.64	0.00	0.20	0.01	0.21	0.01	0.01	0.01		137.87		0.01		138.01
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	---------------	--	-------------	--	---------------

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	lb/day										lb/day					
Off-Road	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.25		2,635.36
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.25		2,635.36

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.64	0.00	0.15	0.01	0.16	0.01	0.01	0.01		137.87		0.01		138.01
Total	0.07	0.07	0.64	0.00	0.15	0.01	0.16	0.01	0.01	0.01		137.87		0.01		138.01

3.9 10 Paving Phase 2 - 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	3.21	22.65	13.16	0.03		1.42	1.42		1.42	1.42		2,630.05	0.29		2,636.09
Paving	0.00					0.00	0.00		0.00	0.00					0.00
Total	3.21	22.65	13.16	0.03		1.42	1.42		1.42	1.42		2,630.05	0.29		2,636.09

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.76	0.00	0.20	0.01	0.21	0.01	0.01	0.01		145.04		0.01		145.21
Total	0.08	0.08	0.76	0.00	0.20	0.01	0.21	0.01	0.01	0.01		145.04		0.01		145.21

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	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.29		2,636.09
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.29		2,636.09

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.76	0.00	0.15	0.01	0.16	0.01	0.01	0.01		145.04		0.01		145.21
Total	0.08	0.08	0.76	0.00	0.15	0.01	0.16	0.01	0.01	0.01		145.04		0.01		145.21

3.9 10 Paving Phase 2 - 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	lb/day										lb/day					
Off-Road	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05		0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05		0.27		2,635.69

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.70	0.00	0.20	0.01	0.21	0.01	0.01	0.01		141.81		0.01		141.97
Total	0.07	0.07	0.70	0.00	0.20	0.01	0.21	0.01	0.01	0.01		141.81		0.01		141.97

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	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.70	0.00	0.15	0.01	0.16	0.01	0.01	0.01		141.81		0.01		141.97
Total	0.07	0.07	0.70	0.00	0.15	0.01	0.16	0.01	0.01	0.01		141.81		0.01		141.97

3.10 03 Precise Grading Phase 1 - 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					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00

Off-Road	2.88	20.90	14.18	0.03		1.13	1.13		1.13	1.13		2,839.04		0.26		2,844.42
Total	2.88	20.90	14.18	0.03	0.18	1.13	1.31	0.00	1.13	1.13		2,839.04		0.26		2,844.42

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	lb/day										lb/day					
Hauling	0.03	0.17	0.29	0.00	0.41	0.00	0.41	0.00	0.00	0.00		10.08		0.00		10.12
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55
Total	0.12	0.26	1.16	0.00	0.64	0.01	0.65	0.01	0.01	0.02		177.44		0.01		177.67

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	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.26		2,844.42
Total	9.57	22.21	16.74	0.03	0.08	1.12	1.20	0.00	1.12	1.12	0.00	2,839.04		0.26		2,844.42

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	lb/day										lb/day					
	Hauling	0.03	0.17	0.29	0.00	0.30	0.00	0.30	0.00	0.00	0.00		10.08		0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.17	0.01	0.18	0.01	0.01	0.02		167.36		0.01		167.55
Total	0.12	0.26	1.16	0.00	0.47	0.01	0.48	0.01	0.01	0.02		177.44		0.01		177.67

3.10 03 Precise Grading Phase 1 - 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	lb/day										lb/day					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	2.66	18.76	14.08	0.03		0.99	0.99		0.99	0.99		2,839.04		0.24		2,844.05
Total	2.66	18.76	14.08	0.03	0.18	0.99	1.17	0.00	0.99	0.99		2,839.04		0.24		2,844.05

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.18	0.28	0.00	0.41	0.00	0.41	0.00	0.00	0.00		10.38		0.00		10.42
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.81	0.00	0.23	0.01	0.24	0.01	0.01	0.02		163.63		0.01		163.81
Total	0.11	0.26	1.09	0.00	0.64	0.01	0.65	0.01	0.01	0.02		174.01		0.01		174.23

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.24		2,844.05
Total	9.57	22.21	16.74	0.03	0.08	1.12	1.20	0.00	1.12	1.12	0.00	2,839.04		0.24		2,844.05

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.18	0.28	0.00	0.30	0.00	0.30	0.00	0.00	0.00		10.38		0.00		10.42
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.81	0.00	0.17	0.01	0.18	0.01	0.01	0.02		163.63		0.01		163.81
Total	0.11	0.26	1.09	0.00	0.47	0.01	0.48	0.01	0.01	0.02		174.01		0.01		174.23

3.10 03 Precise Grading Phase 1 - 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	lb/day										lb/day					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	2.44	16.78	14.00	0.03		0.86	0.86		0.86	0.86		2,839.04		0.22		2,843.62
Total	2.44	16.78	14.00	0.03	0.18	0.86	1.04	0.00	0.86	0.86		2,839.04		0.22		2,843.62

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.18	0.27	0.00	0.41	0.00	0.41	0.00	0.00	0.00		10.67		0.00		10.70
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.74	0.00	0.23	0.01	0.24	0.01	0.01	0.02		159.08		0.01		159.24
Total	0.11	0.26	1.01	0.00	0.64	0.01	0.65	0.01	0.01	0.02		169.75		0.01		169.94

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					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.22		2,843.62
Total	9.57	22.21	16.74	0.03	0.08	1.12	1.20	0.00	1.12	1.12	0.00	2,839.04		0.22		2,843.62

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.18	0.27	0.00	0.30	0.00	0.30	0.00	0.00	0.00		10.67		0.00		10.70

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	0.00	0.00
Worker	0.08	0.08	0.74	0.00	0.17	0.01	0.18	0.01	0.01	0.02		159.08		0.01		159.24
Total	0.11	0.26	1.01	0.00	0.47	0.01	0.48	0.01	0.01	0.02		169.75		0.01		169.94

3.11 09 Precise Grading Phase 2 - 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					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	3.12	22.06	15.36	0.03		1.20	1.20		1.20	1.20		2,976.13		0.28		2,981.96
Total	3.12	22.06	15.36	0.03	0.08	1.20	1.28	0.00	1.20	1.20		2,976.13		0.28		2,981.96

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	lb/day										lb/day					
Hauling	0.01	0.07	0.12	0.00	0.12	0.00	0.12	0.00	0.00	0.00		4.32		0.00		4.33
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.05	0.00	0.28	0.01	0.29	0.01	0.01	0.02		200.83		0.01		201.06
Total	0.12	0.18	1.17	0.00	0.40	0.01	0.41	0.01	0.01	0.02		205.15		0.01		205.39

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.03	0.00	0.03	0.00	0.00	0.00						0.00
Off-Road	9.93	23.39	17.73	0.03		1.22	1.22		1.22	1.22	0.00	2,976.13		0.28		2,981.96
Total	9.93	23.39	17.73	0.03	0.03	1.22	1.25	0.00	1.22	1.22	0.00	2,976.13		0.28		2,981.96

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	lb/day										lb/day					
Hauling	0.01	0.07	0.12	0.00	0.09	0.00	0.09	0.00	0.00	0.00		4.32		0.00		4.33
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.05	0.00	0.21	0.01	0.22	0.01	0.01	0.02		200.83		0.01		201.06
Total	0.12	0.18	1.17	0.00	0.30	0.01	0.31	0.01	0.01	0.02		205.15		0.01		205.39

3.11 09 Precise Grading Phase 2 - 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	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	2.86	19.86	15.23	0.03		1.05	1.05		1.05	1.05		2,976.13		0.26		2,981.52
Total	2.86	19.86	15.23	0.03	0.08	1.05	1.13	0.00	1.05	1.05		2,976.13		0.26		2,981.52

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	lb/day										lb/day					
Hauling	0.01	0.08	0.12	0.00	0.12	0.00	0.12	0.00	0.00	0.00		4.45		0.00		4.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	0.97	0.00	0.28	0.01	0.29	0.01	0.01	0.02		196.36		0.01		196.57
Total	0.11	0.18	1.09	0.00	0.40	0.01	0.41	0.01	0.01	0.02		200.81		0.01		201.03

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.03	0.00	0.03	0.00	0.00	0.00						0.00
Off-Road	9.93	23.39	17.73	0.03		1.22	1.22		1.22	1.22	0.00	2,976.13		0.26		2,981.52
Total	9.93	23.39	17.73	0.03	0.03	1.22	1.25	0.00	1.22	1.22	0.00	2,976.13		0.26		2,981.52

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	lb/day										lb/day					
Hauling	0.01	0.08	0.12	0.00	0.09	0.00	0.09	0.00	0.00	0.00		4.45		0.00		4.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	0.97	0.00	0.21	0.01	0.22	0.01	0.01	0.02		196.36		0.01		196.57

Total	0.11	0.18	1.09	0.00	0.30	0.01	0.31	0.01	0.01	0.02		200.81		0.01		201.03
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	---------------	--	-------------	--	---------------

3.12 05 Building Construction Phase 1 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.85	35.37	27.45	0.05		2.28	2.28		2.28	2.28		4,553.11		0.44		4,562.26
Total	4.85	35.37	27.45	0.05		2.28	2.28		2.28	2.28		4,553.11		0.44		4,562.26

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.41	15.15	10.77	0.03	0.96	0.48	1.44	0.07	0.48	0.55		2,768.55		0.07		2,770.02
Worker	2.73	2.86	27.10	0.05	7.14	0.23	7.36	0.27	0.23	0.49		5,188.07		0.28		5,193.96
Total	4.14	18.01	37.87	0.08	8.10	0.71	8.80	0.34	0.71	1.04		7,956.62		0.35		7,963.98

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	lb/day										lb/day					
Off-Road	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.44		4,562.26

Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.44		4,562.26
--------------	--------------	--------------	--------------	-------------	--	-------------	-------------	--	-------------	-------------	-------------	-----------------	--	-------------	--	-----------------

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.41	15.15	10.77	0.03	0.73	0.48	1.21	0.07	0.48	0.55		2,768.55		0.07		2,770.02
Worker	2.73	2.86	27.10	0.05	5.35	0.23	5.58	0.27	0.23	0.49		5,188.07		0.28		5,193.96
Total	4.14	18.01	37.87	0.08	6.08	0.71	6.79	0.34	0.71	1.04		7,956.62		0.35		7,963.98

3.12 05 Building Construction Phase 1 - 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	lb/day										lb/day					
Off-Road	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48
Total	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48

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	lb/day										lb/day					

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1.29	13.69	9.95	0.03	0.96	0.43	1.39	0.07	0.43	0.50		2,777.30		0.06		2,778.65
Worker	2.57	2.60	24.96	0.05	7.14	0.23	7.37	0.27	0.23	0.50		5,072.53		0.26		5,078.00
Total	3.86	16.29	34.91	0.08	8.10	0.66	8.76	0.34	0.66	1.00		7,849.83		0.32		7,856.65

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	lb/day										lb/day					
Off-Road	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.29	13.69	9.95	0.03	0.73	0.43	1.16	0.07	0.43	0.50		2,777.30		0.06		2,778.65
Worker	2.57	2.60	24.96	0.05	5.35	0.23	5.58	0.27	0.23	0.50		5,072.53		0.26		5,078.00
Total	3.86	16.29	34.91	0.08	6.08	0.66	6.74	0.34	0.66	1.00		7,849.83		0.32		7,856.65

3.12 05 Building Construction Phase 1 - 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	lb/day										lb/day					
Off-Road	4.07	28.96	27.29	0.05		1.80	1.80		1.80	1.80		4,553.11		0.36		4,560.77
Total	4.07	28.96	27.29	0.05		1.80	1.80		1.80	1.80		4,553.11		0.36		4,560.77

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.19	12.52	9.28	0.03	0.96	0.39	1.35	0.07	0.39	0.46		2,781.74		0.06		2,782.98
Worker	2.43	2.38	23.02	0.05	7.14	0.23	7.37	0.27	0.23	0.50		4,931.51		0.24		4,936.59
Total	3.62	14.90	32.30	0.08	8.10	0.62	8.72	0.34	0.62	0.96		7,713.25		0.30		7,719.57

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	lb/day										lb/day					
Off-Road	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.36		4,560.77
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.36		4,560.77

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.19	12.52	9.28	0.03	0.73	0.39	1.12	0.07	0.39	0.46		2,781.74		0.06		2,782.98
Worker	2.43	2.38	23.02	0.05	5.35	0.23	5.58	0.27	0.23	0.50		4,931.51		0.24		4,936.59
Total	3.62	14.90	32.30	0.08	6.08	0.62	6.70	0.34	0.62	0.96		7,713.25		0.30		7,719.57

3.13 11 Building Construction Phase 2 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.85	35.37	27.45	0.05		2.28	2.28		2.28	2.28		4,553.11		0.44		4,562.26
Total	4.85	35.37	27.45	0.05		2.28	2.28		2.28	2.28		4,553.11		0.44		4,562.26

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.41	15.15	10.77	0.03	0.96	0.48	1.44	0.07	0.48	0.55		2,768.55		0.07		2,770.02
Worker	2.73	2.86	27.10	0.05	7.14	0.23	7.36	0.27	0.23	0.49		5,188.07		0.28		5,193.96
Total	4.14	18.01	37.87	0.08	8.10	0.71	8.80	0.34	0.71	1.04		7,956.62		0.35		7,963.98

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	lb/day										lb/day					
Off-Road	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.44		4,562.26
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.44		4,562.26

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.41	15.15	10.77	0.03	0.73	0.48	1.21	0.07	0.48	0.55		2,768.55		0.07		2,770.02
Worker	2.73	2.86	27.10	0.05	5.35	0.23	5.58	0.27	0.23	0.49		5,188.07		0.28		5,193.96
Total	4.14	18.01	37.87	0.08	6.08	0.71	6.79	0.34	0.71	1.04		7,956.62		0.35		7,963.98

3.13 11 Building Construction Phase 2 - 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	lb/day										lb/day					
Off-Road	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48
Total	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.29	13.69	9.95	0.03	0.96	0.43	1.39	0.07	0.43	0.50		2,777.30		0.06		2,778.65
Worker	2.57	2.60	24.96	0.05	7.14	0.23	7.37	0.27	0.23	0.50		5,072.53		0.26		5,078.00
Total	3.86	16.29	34.91	0.08	8.10	0.66	8.76	0.34	0.66	1.00		7,849.83		0.32		7,856.65

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	lb/day										lb/day					
Off-Road	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48

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

Vendor	1.29	13.69	9.95	0.03	0.73	0.43	1.16	0.07	0.43	0.50		2,777.30	0.06		2,778.65
Worker	2.57	2.60	24.96	0.05	5.35	0.23	5.58	0.27	0.23	0.50		5,072.53	0.26		5,078.00
Total	3.86	16.29	34.91	0.08	6.08	0.66	6.74	0.34	0.66	1.00		7,849.83	0.32		7,856.65

3.14 06 Architectural Coating Phase 1 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	21.94					0.00	0.00		0.00	0.00						0.00
Off-Road	2.23	13.87	9.60	0.01		1.22	1.22		1.22	1.22			1,405.95	0.20		1,410.16
Total	24.17	13.87	9.60	0.01		1.22	1.22		1.22	1.22			1,405.95	0.20		1,410.16

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.55	0.57	5.42	0.01	1.43	0.05	1.47	0.05	0.05	0.10			1,037.61	0.06		1,038.79
Total	0.55	0.57	5.42	0.01	1.43	0.05	1.47	0.05	0.05	0.10			1,037.61	0.06		1,038.79

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	21.94					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16
Total	29.11	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.55	0.57	5.42	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,037.61		0.06		1,038.79
Total	0.55	0.57	5.42	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,037.61		0.06		1,038.79

3.14 06 Architectural Coating Phase 1 - 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	lb/day										lb/day					
Archit. Coating	21.94					0.00	0.00		0.00	0.00						0.00
Off-Road	2.03	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79
Total	23.97	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.51	0.52	4.99	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,014.51		0.05		1,015.60
Total	0.51	0.52	4.99	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,014.51		0.05		1,015.60

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	21.94					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79
Total	29.11	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.51	0.52	4.99	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,014.51		0.05		1,015.60

Total	0.51	0.52	4.99	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,014.51		0.05		1,015.60
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	-----------------	--	-------------	--	-----------------

3.14 06 Architectural Coating Phase 1 - 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	lb/day										lb/day						
Archit. Coating	21.94					0.00	0.00		0.00	0.00							0.00
Off-Road	1.84	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17			1,409.43
Total	23.78	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17			1,409.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Worker	0.49	0.48	4.60	0.01	1.43	0.05	1.47	0.05	0.05	0.10		986.30		0.05			987.32
Total	0.49	0.48	4.60	0.01	1.43	0.05	1.47	0.05	0.05	0.10		986.30		0.05			987.32

Mitigated Construction On-Site

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

Archit. Coating	21.94					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43
Total	29.11	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.49	0.48	4.60	0.01	1.07	0.05	1.12	0.05	0.05	0.10		986.30		0.05		987.32
Total	0.49	0.48	4.60	0.01	1.07	0.05	1.12	0.05	0.05	0.10		986.30		0.05		987.32

3.15 12 Architectural Coating Phase 2 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.87					0.00	0.00		0.00	0.00						0.00
Off-Road	2.23	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16
Total	35.10	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.55	0.57	5.42	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,037.61		0.06		1,038.79
Total	0.55	0.57	5.42	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,037.61		0.06		1,038.79

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.87					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16
Total	40.04	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.55	0.57	5.42	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,037.61		0.06		1,038.79
Total	0.55	0.57	5.42	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,037.61		0.06		1,038.79

3.15 12 Architectural Coating Phase 2 - 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	lb/day										lb/day					
Archit. Coating	32.87					0.00	0.00		0.00	0.00						0.00
Off-Road	2.03	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79
Total	34.90	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.51	0.52	4.99	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,014.51		0.05		1,015.60
Total	0.51	0.52	4.99	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,014.51		0.05		1,015.60

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.87					0.00	0.00		0.00	0.00						0.00

Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79
Total	40.04	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.51	0.52	4.99	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,014.51		0.05		1,015.60
Total	0.51	0.52	4.99	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,014.51		0.05		1,015.60

3.16 16 Paving Phase 3 - 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	lb/day										lb/day					
Off-Road	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05		0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05		0.27		2,635.69

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
--	-----	-----	----	-----	---------------	--------------	------------	----------------	---------------	-------------	----------	-----------	-----------	-----	-----	------

Category	lb/day										lb/day					
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
Worker	0.07	0.07	0.70	0.00	0.20	0.01	0.21	0.01	0.01	0.01	0.01	141.81	0.01			141.97
Total	0.07	0.07	0.70	0.00	0.20	0.01	0.21	0.01	0.01	0.01		141.81		0.01		141.97

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	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.70	0.00	0.15	0.01	0.16	0.01	0.01	0.01		141.81		0.01		141.97
Total	0.07	0.07	0.70	0.00	0.15	0.01	0.16	0.01	0.01	0.01		141.81		0.01		141.97

3.16 16 Paving Phase 3 - 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	lb/day										lb/day					
Off-Road	2.82	18.93	12.98	0.03		1.19	1.19		1.19	1.19		2,630.05		0.25		2,635.36
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.82	18.93	12.98	0.03		1.19	1.19		1.19	1.19		2,630.05		0.25		2,635.36

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.64	0.00	0.20	0.01	0.21	0.01	0.01	0.01		137.87		0.01		138.01
Total	0.07	0.07	0.64	0.00	0.20	0.01	0.21	0.01	0.01	0.01		137.87		0.01		138.01

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	lb/day										lb/day					
Off-Road	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.25		2,635.36
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.25		2,635.36

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.64	0.00	0.15	0.01	0.16	0.01	0.01	0.01		137.87		0.01		138.01
Total	0.07	0.07	0.64	0.00	0.15	0.01	0.16	0.01	0.01	0.01		137.87		0.01		138.01

3.16 16 Paving Phase 3 - 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	lb/day										lb/day					
Off-Road	2.63	17.25	12.90	0.03		1.08	1.08		1.08	1.08		2,630.05		0.24		2,635.01
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.63	17.25	12.90	0.03		1.08	1.08		1.08	1.08		2,630.05		0.24		2,635.01

Unmitigated Construction Off-Site

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

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.06	0.06	0.60	0.00	0.20	0.01	0.21	0.01	0.01	0.01	0.01	134.88	0.01			135.01
Total	0.06	0.06	0.60	0.00	0.20	0.01	0.21	0.01	0.01	0.01		134.88			0.01	135.01

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	lb/day										lb/day					
Off-Road	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.24		2,635.01
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.24		2,635.01

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.06	0.60	0.00	0.15	0.01	0.16	0.01	0.01	0.01		134.88		0.01		135.01
Total	0.06	0.06	0.60	0.00	0.15	0.01	0.16	0.01	0.01	0.01		134.88		0.01		135.01

3.17 15 Precise Grading Phase 3 - 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	lb/day										lb/day					
Fugitive Dust					0.11	0.00	0.11	0.00	0.00	0.00						0.00
Off-Road	2.66	18.76	14.08	0.03		0.99	0.99		0.99	0.99		2,839.04		0.24		2,844.05
Total	2.66	18.76	14.08	0.03	0.11	0.99	1.10	0.00	0.99	0.99		2,839.04		0.24		2,844.05

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	0.02	0.11	0.17	0.00	0.31	0.00	0.31	0.00	0.00	0.00		6.46		0.00		6.48
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.81	0.00	0.23	0.01	0.24	0.01	0.01	0.02		163.63		0.01		163.81
Total	0.10	0.19	0.98	0.00	0.54	0.01	0.55	0.01	0.01	0.02		170.09		0.01		170.29

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	lb/day										lb/day					
Fugitive Dust					0.05	0.00	0.05	0.00	0.00	0.00						0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.24		2,844.05
Total	9.57	22.21	16.74	0.03	0.05	1.12	1.17	0.00	1.12	1.12	0.00	2,839.04		0.24		2,844.05

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	0.02	0.11	0.17	0.00	0.23	0.00	0.23	0.00	0.00	0.00		6.46		0.00		6.48
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.81	0.00	0.17	0.01	0.18	0.01	0.01	0.02		163.63		0.01		163.81
Total	0.10	0.19	0.98	0.00	0.40	0.01	0.41	0.01	0.01	0.02		170.09		0.01		170.29

3.17 15 Precise Grading Phase 3 - 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	lb/day										lb/day					
Fugitive Dust					0.11	0.00	0.11	0.00	0.00	0.00						0.00
Off-Road	2.44	16.78	14.00	0.03		0.86	0.86		0.86	0.86		2,839.04		0.22		2,843.62
Total	2.44	16.78	14.00	0.03	0.11	0.86	0.97	0.00	0.86	0.86		2,839.04		0.22		2,843.62

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	0.02	0.11	0.17	0.00	0.31	0.00	0.31	0.00	0.00	0.00		6.64		0.00		6.66
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.74	0.00	0.23	0.01	0.24	0.01	0.01	0.02		159.08		0.01		159.24

Total	0.10	0.19	0.91	0.00	0.54	0.01	0.55	0.01	0.01	0.02		165.72		0.01		165.90
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	---------------	--	-------------	--	---------------

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.05	0.00	0.05	0.00	0.00	0.00							0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.22			2,843.62
Total	9.57	22.21	16.74	0.03	0.05	1.12	1.17	0.00	1.12	1.12	0.00	2,839.04		0.22			2,843.62

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	0.02	0.11	0.17	0.00	0.23	0.00	0.23	0.00	0.00	0.00		6.64		0.00		6.66
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.74	0.00	0.17	0.01	0.18	0.01	0.01	0.02		159.08		0.01		159.24
Total	0.10	0.19	0.91	0.00	0.40	0.01	0.41	0.01	0.01	0.02		165.72		0.01		165.90

3.17 15 Precise Grading Phase 3 - 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	lb/day										lb/day					

Fugitive Dust					0.11	0.00	0.11	0.00	0.00	0.00						0.00
Off-Road	2.25	14.97	13.94	0.03		0.75	0.75		0.75	0.75		2,839.04		0.20		2,843.25
Total	2.25	14.97	13.94	0.03	0.11	0.75	0.86	0.00	0.75	0.75		2,839.04		0.20		2,843.25

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	0.02	0.11	0.16	0.00	0.31	0.00	0.31	0.00	0.00	0.00		6.82		0.00		6.83
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.69	0.00	0.23	0.01	0.24	0.01	0.01	0.02		155.63		0.01		155.79
Total	0.09	0.18	0.85	0.00	0.54	0.01	0.55	0.01	0.01	0.02		162.45		0.01		162.62

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	lb/day										lb/day					
Fugitive Dust					0.05	0.00	0.05	0.00	0.00	0.00						0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.20		2,843.25
Total	9.57	22.21	16.74	0.03	0.05	1.12	1.17	0.00	1.12	1.12	0.00	2,839.04		0.20		2,843.25

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	0.02	0.11	0.16	0.00	0.23	0.00	0.23	0.00	0.00	0.00		6.82		0.00		6.83
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.69	0.00	0.17	0.01	0.18	0.01	0.01	0.02		155.63		0.01		155.79
Total	0.09	0.18	0.85	0.00	0.40	0.01	0.41	0.01	0.01	0.02		162.45		0.01		162.62

3.18 17 Building Construction Phase 3 - 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	lb/day										lb/day					
Off-Road	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48
Total	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.29	13.69	9.95	0.03	0.96	0.43	1.39	0.07	0.43	0.50		2,777.30		0.06		2,778.65
Worker	2.57	2.60	24.96	0.05	7.14	0.23	7.37	0.27	0.23	0.50		5,072.53		0.26		5,078.00
Total	3.86	16.29	34.91	0.08	8.10	0.66	8.76	0.34	0.66	1.00		7,849.83		0.32		7,856.65

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	lb/day										lb/day					
Off-Road	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.29	13.69	9.95	0.03	0.73	0.43	1.16	0.07	0.43	0.50		2,777.30		0.06		2,778.65
Worker	2.57	2.60	24.96	0.05	5.35	0.23	5.58	0.27	0.23	0.50		5,072.53		0.26		5,078.00
Total	3.86	16.29	34.91	0.08	6.08	0.66	6.74	0.34	0.66	1.00		7,849.83		0.32		7,856.65

3.18 17 Building Construction Phase 3 - 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	lb/day										lb/day					
Off-Road	4.07	28.96	27.29	0.05		1.80	1.80		1.80	1.80		4,553.11		0.36		4,560.77
Total	4.07	28.96	27.29	0.05		1.80	1.80		1.80	1.80		4,553.11		0.36		4,560.77

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.19	12.52	9.28	0.03	0.96	0.39	1.35	0.07	0.39	0.46		2,781.74		0.06		2,782.98
Worker	2.43	2.38	23.02	0.05	7.14	0.23	7.37	0.27	0.23	0.50		4,931.51		0.24		4,936.59
Total	3.62	14.90	32.30	0.08	8.10	0.62	8.72	0.34	0.62	0.96		7,713.25		0.30		7,719.57

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	lb/day										lb/day					
Off-Road	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.36		4,560.77
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.36		4,560.77

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.19	12.52	9.28	0.03	0.73	0.39	1.12	0.07	0.39	0.46		2,781.74		0.06		2,782.98

Worker	2.43	2.38	23.02	0.05	5.35	0.23	5.58	0.27	0.23	0.50		4,931.51		0.24		4,936.59
Total	3.62	14.90	32.30	0.08	6.08	0.62	6.70	0.34	0.62	0.96		7,713.25		0.30		7,719.57

3.18 17 Building Construction Phase 3 - 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	lb/day										lb/day					
Off-Road	3.72	26.12	27.21	0.05		1.59	1.59		1.59	1.59		4,553.11		0.33		4,560.06
Total	3.72	26.12	27.21	0.05		1.59	1.59		1.59	1.59		4,553.11		0.33		4,560.06

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.10	11.54	8.71	0.03	0.96	0.35	1.31	0.07	0.35	0.43		2,788.97		0.05		2,790.12
Worker	2.30	2.18	21.29	0.05	7.14	0.23	7.37	0.27	0.23	0.50		4,824.59		0.23		4,829.35
Total	3.40	13.72	30.00	0.08	8.10	0.58	8.68	0.34	0.58	0.93		7,613.56		0.28		7,619.47

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	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.33		4,560.06
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.33		4,560.06

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.10	11.54	8.71	0.03	0.73	0.35	1.08	0.07	0.35	0.43		2,788.97		0.05		2,790.12
Worker	2.30	2.18	21.29	0.05	5.35	0.23	5.58	0.27	0.23	0.50		4,824.59		0.23		4,829.35
Total	3.40	13.72	30.00	0.08	6.08	0.58	6.66	0.34	0.58	0.93		7,613.56		0.28		7,619.47

3.19 18 Architectural Coating Phase 3 - 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	lb/day										lb/day					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	2.03	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79
Total	20.21	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79

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	lb/day										lb/day					
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
Worker	0.51	0.52	4.99	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,014.51		0.05		1,015.60
Total	0.51	0.52	4.99	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,014.51		0.05		1,015.60

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79
Total	25.35	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.51	0.52	4.99	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,014.51		0.05		1,015.60
Total	0.51	0.52	4.99	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,014.51		0.05		1,015.60

3.19 18 Architectural Coating Phase 3 - 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	lb/day										lb/day					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	1.84	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43
Total	20.02	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.49	0.48	4.60	0.01	1.43	0.05	1.47	0.05	0.05	0.10		986.30		0.05		987.32
Total	0.49	0.48	4.60	0.01	1.43	0.05	1.47	0.05	0.05	0.10		986.30		0.05		987.32

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43
Total	25.35	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.49	0.48	4.60	0.01	1.07	0.05	1.12	0.05	0.05	0.10		986.30		0.05		987.32
Total	0.49	0.48	4.60	0.01	1.07	0.05	1.12	0.05	0.05	0.10		986.30		0.05		987.32

3.19 18 Architectural Coating Phase 3 - 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	lb/day										lb/day					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	1.66	10.92	9.33	0.01		0.87	0.87		0.87	0.87		1,405.95		0.15		1,409.07
Total	19.84	10.92	9.33	0.01		0.87	0.87		0.87	0.87		1,405.95		0.15		1,409.07

Unmitigated Construction Off-Site

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

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.46	0.44	4.26	0.01	1.43	0.05	1.47	0.05	0.05	0.10		964.92		0.05		965.87
Total	0.46	0.44	4.26	0.01	1.43	0.05	1.47	0.05	0.05	0.10		964.92		0.05		965.87

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.15		1,409.07
Total	25.35	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.15		1,409.07

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.46	0.44	4.26	0.01	1.07	0.05	1.12	0.05	0.05	0.10		964.92		0.05		965.87
Total	0.46	0.44	4.26	0.01	1.07	0.05	1.12	0.05	0.05	0.10		964.92		0.05		965.87

**Portola Center - Construction
Orange County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
City Park	5.6	Acre
City Park	5	Acre
Apartments Low Rise	335	Dwelling Unit
Single Family Housing	613	Dwelling Unit
Strip Mall	10	1000sqft

1.2 Other Project Characteristics

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

1.3 User Entered Comments

Project Characteristics -
 Land Use - Total Site Acreage = 195
 Construction Phase - proposed construction schedule
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates

Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Trips and VMT - Haul trips would occur between the north and south site. Material would be balanced between the two sites.
 Grading - see assumptions sheet
 Construction Off-road Equipment Mitigation -

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	77.74	600.51	434.09	0.57	161.21	21.07	182.28	0.98	21.07	22.06	0.00	60,407.89	0.00	6.00	0.00
2014	113.84	572.33	410.94	0.63	161.21	19.90	180.47	1.14	19.90	21.04	0.00	61,751.19	0.00	5.72	0.00	61,871.23
2015	122.22	302.36	320.23	0.66	31.11	18.47	49.59	1.23	18.47	19.71	0.00	63,379.49	0.00	4.50	0.00	63,473.97
2016	70.35	182.65	205.56	0.44	20.92	11.02	31.93	0.82	11.02	11.84	0.00	41,772.97	0.00	2.75	0.00	41,830.75
2017	32.15	82.91	99.62	0.22	10.37	4.92	15.29	0.41	4.92	5.33	0.00	20,748.75	0.00	1.27	0.00	20,775.34
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Mitigated Construction

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
2013	209.92	536.11	472.71	0.57	117.32	16.34	133.66	0.51	16.34	16.85	0.00	60,407.89	0.00	6.00	0.00	60,533.85
2014	215.12	540.18	458.46	0.63	117.32	16.67	133.99	0.99	16.67	17.66	0.00	61,751.19	0.00	5.72	0.00	61,871.23
2015	213.09	324.65	340.49	0.66	23.23	17.03	40.25	1.23	17.03	18.26	0.00	63,379.49	0.00	4.50	0.00	63,473.97
2016	132.75	213.06	219.84	0.44	15.60	11.20	26.79	0.82	11.20	12.02	0.00	41,772.97	0.00	2.75	0.00	41,830.75
2017	64.26	105.38	107.06	0.22	7.75	5.56	13.31	0.41	5.56	5.98	0.00	20,748.75	0.00	1.27	0.00	20,775.34
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

3.0 Construction Detail

3.1 Mitigation Measures Construction

- Use DPF for Construction Equipment
- Replace Ground Cover
- Water Exposed Area

- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads
- Use Cleaner Engines for Construction Equipment

3.2 01 Site Preparation Phase 1 - 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					4.01	0.00	4.01	0.00	0.00	0.00						0.00
Off-Road	3.62	24.34	13.80	0.03		1.73	1.73		1.73	1.73		2,566.36		0.32		2,573.18
Total	3.62	24.34	13.80	0.03	4.01	1.73	5.74	0.00	1.73	1.73		2,566.36		0.32		2,573.18

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	1.00	0.00	0.23	0.01	0.24	0.01	0.01	0.02		182.56		0.01		182.78
Total	0.09	0.09	1.00	0.00	0.23	0.01	0.24	0.01	0.01	0.02		182.56		0.01		182.78

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	lb/day										lb/day					
Fugitive Dust					1.71	0.00	1.71	0.00	0.00	0.00						0.00
Off-Road	12.09	21.12	14.87	0.03		1.10	1.10		1.10	1.10	0.00	2,566.36		0.32		2,573.18
Total	12.09	21.12	14.87	0.03	1.71	1.10	2.81	0.00	1.10	1.10	0.00	2,566.36		0.32		2,573.18

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	1.00	0.00	0.17	0.01	0.18	0.01	0.01	0.02		182.56		0.01		182.78
Total	0.09	0.09	1.00	0.00	0.17	0.01	0.18	0.01	0.01	0.02		182.56		0.01		182.78

3.3 07 Site Preparation Phase 2 - 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					1.17	0.00	1.17	0.00	0.00	0.00						0.00
Off-Road	2.93	20.22	11.19	0.02		1.37	1.37		1.37	1.37		2,213.27		0.26		2,218.79
Total	2.93	20.22	11.19	0.02	1.17	1.37	2.54	0.00	1.37	1.37		2,213.27		0.26		2,218.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.08	0.87	0.00	0.20	0.01	0.21	0.01	0.01	0.01		158.22		0.01		158.41
Total	0.07	0.08	0.87	0.00	0.20	0.01	0.21	0.01	0.01	0.01		158.22		0.01		158.41

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.50	0.00	0.50	0.00	0.00	0.00						0.00
Off-Road	10.29	18.08	12.57	0.02		0.92	0.92		0.92	0.92	0.00	2,213.27		0.26		2,218.79
Total	10.29	18.08	12.57	0.02	0.50	0.92	1.42	0.00	0.92	0.92	0.00	2,213.27		0.26		2,218.79

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

Worker	0.07	0.08	0.87	0.00	0.15	0.01	0.16	0.01	0.01	0.01		158.22		0.01		158.41
Total	0.07	0.08	0.87	0.00	0.15	0.01	0.16	0.01	0.01	0.01		158.22		0.01		158.41

3.4 13 Site Preparation Phase 3 - 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					7.28	0.00	7.28	0.66	0.00	0.66							0.00
Off-Road	3.25	21.89	11.90	0.02		1.53	1.53		1.53	1.53			2,288.47	0.29			2,294.60
Total	3.25	21.89	11.90	0.02	7.28	1.53	8.81	0.66	1.53	2.19			2,288.47	0.29			2,294.60

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	lb/day										lb/day					
Hauling	19.43	127.66	169.63	0.08	12.86	1.37	14.23	0.07	1.37	1.44			7,734.43	1.02		7,755.78
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00
Worker	0.07	0.08	0.87	0.00	0.20	0.01	0.21	0.01	0.01	0.01			158.22	0.01		158.41
Total	19.50	127.74	170.50	0.08	13.06	1.38	14.44	0.08	1.38	1.45			7,892.65	1.03		7,914.19

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					3.11	0.00	3.11	0.28	0.00	0.28						0.00
Off-Road	10.67	18.73	13.06	0.02		0.96	0.96		0.96	0.96	0.00	2,288.47		0.29		2,294.60
Total	10.67	18.73	13.06	0.02	3.11	0.96	4.07	0.28	0.96	1.24	0.00	2,288.47		0.29		2,294.60

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	lb/day										lb/day					
Hauling	19.43	127.66	169.63	0.08	9.54	1.37	10.91	0.07	1.37	1.44		7,734.43		1.02		7,755.78
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.08	0.87	0.00	0.15	0.01	0.16	0.01	0.01	0.01		158.22		0.01		158.41
Total	19.50	127.74	170.50	0.08	9.69	1.38	11.07	0.08	1.38	1.45		7,892.65		1.03		7,914.19

3.5 08 Mass Grading Phase 2 - 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					0.63	0.00	0.63	0.06	0.00	0.06						0.00
Off-Road	11.86	101.58	47.75	0.11		4.31	4.31		4.31	4.31		11,712.75		1.06		11,734.93
Total	11.86	101.58	47.75	0.11	0.63	4.31	4.94	0.06	4.31	4.37		11,712.75		1.06		11,734.93

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	2.91	19.14	25.43	0.01	10.77	0.21	10.98	0.01	0.21	0.22		1,159.62		0.15		1,162.82
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.14	0.15	1.67	0.00	0.38	0.01	0.40	0.01	0.01	0.03		304.27		0.02		304.63
Total	3.05	19.29	27.10	0.01	11.15	0.22	11.38	0.02	0.22	0.25		1,463.89		0.17		1,467.45

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	lb/day										lb/day					
Fugitive Dust					0.27	0.00	0.27	0.03	0.00	0.03						0.00
Off-Road	42.46	87.41	57.86	0.11		3.40	3.40		3.40	3.40	0.00	11,712.75		1.06		11,734.93
Total	42.46	87.41	57.86	0.11	0.27	3.40	3.67	0.03	3.40	3.43	0.00	11,712.75		1.06		11,734.93

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	2.91	19.14	25.43	0.01	7.97	0.21	8.18	0.01	0.21	0.22		1,159.62		0.15		1,162.82
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.14	0.15	1.67	0.00	0.29	0.01	0.30	0.01	0.01	0.03		304.27		0.02		304.63
Total	3.05	19.29	27.10	0.01	8.26	0.22	8.48	0.02	0.22	0.25		1,463.89		0.17		1,467.45

3.5 08 Mass Grading Phase 2 - 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					
Fugitive Dust					0.63	0.00	0.63	0.06	0.00	0.06						0.00
Off-Road	11.26	93.88	45.66	0.11		3.93	3.93		3.93	3.93		11,712.74		1.01		11,733.88
Total	11.26	93.88	45.66	0.11	0.63	3.93	4.56	0.06	3.93	3.99		11,712.74		1.01		11,733.88

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	2.80	19.61	23.88	0.01	10.77	0.19	10.96	0.01	0.19	0.20		1,196.41		0.15		1,199.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.13	1.54	0.00	0.38	0.01	0.40	0.01	0.01	0.03		298.37		0.02		298.70
Total	2.93	19.74	25.42	0.01	11.15	0.20	11.36	0.02	0.20	0.23		1,494.78		0.17		1,498.16

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.27	0.00	0.27	0.03	0.00	0.03						0.00

Off-Road	42.46	87.41	57.86	0.11		3.40	3.40		3.40	3.40	0.00	11,712.74		1.01		11,733.88
Total	42.46	87.41	57.86	0.11	0.27	3.40	3.67	0.03	3.40	3.43	0.00	11,712.74		1.01		11,733.88

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	2.80	19.61	23.88	0.01	7.97	0.19	8.16	0.01	0.19	0.20		1,196.41		0.15		1,199.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.13	1.54	0.00	0.29	0.01	0.30	0.01	0.01	0.03		298.37		0.02		298.70
Total	2.93	19.74	25.42	0.01	8.26	0.20	8.46	0.02	0.20	0.23		1,494.78		0.17		1,498.16

3.6 14 Mass Grading Phase 3 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.03	0.00	2.03	0.27	0.00	0.27						0.00
Off-Road	16.44	136.08	64.21	0.14		6.22	6.22		6.22	6.22		15,434.52		1.47		15,465.28
Total	16.44	136.08	64.21	0.14	2.03	6.22	8.25	0.27	6.22	6.49		15,434.52		1.47		15,465.28

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	lb/day										lb/day					
	Hauling	7.94	52.16	69.30	0.03	59.36	0.56	59.92	0.03	0.56	0.59		3,160.04		0.42	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.22	0.22	2.53	0.00	0.58	0.02	0.60	0.02	0.02	0.04		462.50		0.03		463.03
Total	8.16	52.38	71.83	0.03	59.94	0.58	60.52	0.05	0.58	0.63		3,622.54		0.45		3,631.80

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.87	0.00	0.87	0.11	0.00	0.11						0.00
Off-Road	58.34	116.39	76.93	0.14		4.66	4.66		4.66	4.66	0.00	15,434.52		1.47		15,465.28
Total	58.34	116.39	76.93	0.14	0.87	4.66	5.53	0.11	4.66	4.77	0.00	15,434.52		1.47		15,465.28

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	lb/day										lb/day					
Hauling	7.94	52.16	69.30	0.03	43.93	0.56	44.49	0.03	0.56	0.59		3,160.04		0.42		3,168.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.22	0.22	2.53	0.00	0.44	0.02	0.46	0.02	0.02	0.04		462.50		0.03		463.03
Total	8.16	52.38	71.83	0.03	44.37	0.58	44.95	0.05	0.58	0.63		3,622.54		0.45		3,631.80

3.6 14 Mass Grading Phase 3 - 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					
Fugitive Dust					2.03	0.00	2.03	0.27	0.00	0.27						0.00
Off-Road	15.59	125.82	61.60	0.14		5.68	5.68		5.68	5.68		15,434.50		1.39		15,463.76
Total	15.59	125.82	61.60	0.14	2.03	5.68	7.71	0.27	5.68	5.95		15,434.50		1.39		15,463.76

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	7.62	53.44	65.08	0.03	59.36	0.51	59.86	0.03	0.51	0.53		3,260.30		0.40		3,268.62
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.20	0.20	2.34	0.00	0.58	0.02	0.60	0.02	0.02	0.04		453.52		0.02		454.02
Total	7.82	53.64	67.42	0.03	59.94	0.53	60.46	0.05	0.53	0.57		3,713.82		0.42		3,722.64

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.87	0.00	0.87	0.11	0.00	0.11						0.00
Off-Road	58.34	116.39	76.93	0.14		4.66	4.66		4.66	4.66	0.00	15,434.50		1.39		15,463.76
Total	58.34	116.39	76.93	0.14	0.87	4.66	5.53	0.11	4.66	4.77	0.00	15,434.50		1.39		15,463.76

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	7.62	53.44	65.08	0.03	43.93	0.51	44.44	0.03	0.51	0.53		3,260.30		0.40		3,268.62
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.20	0.20	2.34	0.00	0.44	0.02	0.46	0.02	0.02	0.04		453.52		0.02		454.02
Total	7.82	53.64	67.42	0.03	44.37	0.53	44.90	0.05	0.53	0.57		3,713.82		0.42		3,722.64

3.7 02 Mass Grading Phase 1 - 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					3.78	0.00	3.78	0.50	0.00	0.50						0.00
Off-Road	23.11	193.37	90.41	0.20		8.68	8.68		8.68	8.68		21,680.99		2.06		21,724.20
Total	23.11	193.37	90.41	0.20	3.78	8.68	12.46	0.50	8.68	9.18		21,680.99		2.06		21,724.20

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	14.84	97.53	129.59	0.06	82.94	1.05	83.99	0.05	1.05	1.10		5,909.00		0.78		5,925.30

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	0.00	0.00
Worker	0.28	0.28	3.20	0.01	0.74	0.02	0.76	0.03	0.02	0.05		584.21		0.03		584.89
Total	15.12	97.81	132.79	0.07	83.68	1.07	84.75	0.08	1.07	1.15		6,493.21		0.81		6,510.19

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.62	0.00	1.62	0.21	0.00	0.21						0.00
Off-Road	82.79	162.82	106.19	0.20		6.41	6.41		6.41	6.41	0.00	21,680.99		2.06		21,724.20
Total	82.79	162.82	106.19	0.20	1.62	6.41	8.03	0.21	6.41	6.62	0.00	21,680.99		2.06		21,724.20

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	14.84	97.53	129.59	0.06	61.39	1.05	62.44	0.05	1.05	1.10		5,909.00		0.78		5,925.30
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.28	0.28	3.20	0.01	0.55	0.02	0.58	0.03	0.02	0.05		584.21		0.03		584.89
Total	15.12	97.81	132.79	0.07	61.94	1.07	63.02	0.08	1.07	1.15		6,493.21		0.81		6,510.19

3.7 02 Mass Grading Phase 1 - 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					
Fugitive Dust					3.78	0.00	3.78	0.50	0.00	0.50						0.00
Off-Road	21.94	179.07	86.20	0.20		7.95	7.95		7.95	7.95		21,680.96		1.96		21,722.19
Total	21.94	179.07	86.20	0.20	3.78	7.95	11.73	0.50	7.95	8.45		21,680.96		1.96		21,722.19

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	14.24	99.92	121.69	0.06	82.94	0.95	83.89	0.05	0.95	1.00		6,096.46		0.74		6,112.02
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.26	2.96	0.01	0.74	0.02	0.76	0.03	0.02	0.05		572.86		0.03		573.49
Total	14.50	100.18	124.65	0.07	83.68	0.97	84.65	0.08	0.97	1.05		6,669.32		0.77		6,685.51

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.62	0.00	1.62	0.21	0.00	0.21						0.00
Off-Road	82.79	162.82	106.19	0.20		6.41	6.41		6.41	6.41	0.00	21,680.96		1.96		21,722.19
Total	82.79	162.82	106.19	0.20	1.62	6.41	8.03	0.21	6.41	6.62	0.00	21,680.96		1.96		21,722.19

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	14.24	99.92	121.69	0.06	61.39	0.95	62.33	0.05	0.95	1.00		6,096.46		0.74		6,112.02
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.26	2.96	0.01	0.55	0.02	0.58	0.03	0.02	0.05		572.86		0.03		573.49
Total	14.50	100.18	124.65	0.07	61.94	0.97	62.91	0.08	0.97	1.05		6,669.32		0.77		6,685.51

3.8 04 Paving Phase 1 - 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	3.21	22.65	13.16	0.03		1.42	1.42		1.42	1.42		2,630.05		0.29		2,636.09
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.21	22.65	13.16	0.03		1.42	1.42		1.42	1.42		2,630.05		0.29		2,636.09

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.80	0.00	0.20	0.01	0.21	0.01	0.01	0.01		155.15		0.01		155.32

Total	0.07	0.07	0.80	0.00	0.20	0.01	0.21	0.01	0.01	0.01		155.15		0.01		155.32
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	---------------	--	-------------	--	---------------

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	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.29		2,636.09
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.29		2,636.09

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.80	0.00	0.15	0.01	0.16	0.01	0.01	0.01		155.15		0.01		155.32
Total	0.07	0.07	0.80	0.00	0.15	0.01	0.16	0.01	0.01	0.01		155.15		0.01		155.32

3.8 04 Paving Phase 1 - 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	lb/day										lb/day					

Off-Road	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05	0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00					0.00
Total	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05	0.27		2,635.69

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.06	0.74	0.00	0.20	0.01	0.21	0.01	0.01	0.01		151.71		0.01		151.87
Total	0.07	0.06	0.74	0.00	0.20	0.01	0.21	0.01	0.01	0.01		151.71		0.01		151.87

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.06	0.74	0.00	0.15	0.01	0.16	0.01	0.01	0.01		151.71		0.01		151.87
Total	0.07	0.06	0.74	0.00	0.15	0.01	0.16	0.01	0.01	0.01		151.71		0.01		151.87

3.8 04 Paving Phase 1 - 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	lb/day										lb/day					
Off-Road	2.82	18.93	12.98	0.03		1.19	1.19		1.19	1.19		2,630.05		0.25		2,635.36
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.82	18.93	12.98	0.03		1.19	1.19		1.19	1.19		2,630.05		0.25		2,635.36

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.06	0.68	0.00	0.20	0.01	0.21	0.01	0.01	0.01		147.50		0.01		147.65
Total	0.06	0.06	0.68	0.00	0.20	0.01	0.21	0.01	0.01	0.01		147.50		0.01		147.65

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	lb/day										lb/day					
Off-Road	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.25		2,635.36
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.25		2,635.36

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.06	0.68	0.00	0.15	0.01	0.16	0.01	0.01	0.01		147.50		0.01		147.65
Total	0.06	0.06	0.68	0.00	0.15	0.01	0.16	0.01	0.01	0.01		147.50		0.01		147.65

3.9 10 Paving Phase 2 - 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	3.21	22.65	13.16	0.03		1.42	1.42		1.42	1.42		2,630.05		0.29		2,636.09

Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.21	22.65	13.16	0.03		1.42	1.42		1.42	1.42		2,630.05		0.29		2,636.09

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.80	0.00	0.20	0.01	0.21	0.01	0.01	0.01		155.15		0.01		155.32
Total	0.07	0.07	0.80	0.00	0.20	0.01	0.21	0.01	0.01	0.01		155.15		0.01		155.32

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	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.29		2,636.09
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.29		2,636.09

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
--	-----	-----	----	-----	---------------	--------------	------------	----------------	---------------	-------------	----------	-----------	-----------	-----	-----	------

Category	lb/day										lb/day					
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
Worker	0.07	0.07	0.80	0.00	0.15	0.01	0.16	0.01	0.01	0.01	0.01	155.15	0.01			155.32
Total	0.07	0.07	0.80	0.00	0.15	0.01	0.16	0.01	0.01	0.01		155.15		0.01		155.32

3.9 10 Paving Phase 2 - 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	lb/day										lb/day					
Off-Road	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05		0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05		0.27		2,635.69

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.06	0.74	0.00	0.20	0.01	0.21	0.01	0.01	0.01		151.71		0.01		151.87
Total	0.07	0.06	0.74	0.00	0.20	0.01	0.21	0.01	0.01	0.01		151.71		0.01		151.87

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.06	0.74	0.00	0.15	0.01	0.16	0.01	0.01	0.01		151.71		0.01		151.87
Total	0.07	0.06	0.74	0.00	0.15	0.01	0.16	0.01	0.01	0.01		151.71		0.01		151.87

3.10 03 Precise Grading Phase 1 - 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					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	2.88	20.90	14.18	0.03		1.13	1.13		1.13	1.13		2,839.04		0.26		2,844.42
Total	2.88	20.90	14.18	0.03	0.18	1.13	1.31	0.00	1.13	1.13		2,839.04		0.26		2,844.42

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	lb/day										lb/day					
Hauling	0.03	0.18	0.22	0.00	0.41	0.00	0.41	0.00	0.00	0.00		11.17		0.00		11.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	0.11	0.26	1.14	0.00	0.64	0.01	0.65	0.01	0.01	0.02		190.19		0.01		190.41

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.26		2,844.42
Total	9.57	22.21	16.74	0.03	0.08	1.12	1.20	0.00	1.12	1.12	0.00	2,839.04		0.26		2,844.42

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	lb/day										lb/day					
Hauling	0.03	0.18	0.22	0.00	0.30	0.00	0.30	0.00	0.00	0.00		11.17		0.00		11.19

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	0.00	0.00
Worker	0.08	0.08	0.92	0.00	0.17	0.01	0.18	0.01	0.01	0.02		179.02		0.01		179.22
Total	0.11	0.26	1.14	0.00	0.47	0.01	0.48	0.01	0.01	0.02		190.19		0.01		190.41

3.10 03 Precise Grading Phase 1 - 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	lb/day										lb/day					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	2.66	18.76	14.08	0.03		0.99	0.99		0.99	0.99		2,839.04		0.24		2,844.05
Total	2.66	18.76	14.08	0.03	0.18	0.99	1.17	0.00	0.99	0.99		2,839.04		0.24		2,844.05

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.19	0.21	0.00	0.41	0.00	0.41	0.00	0.00	0.00		11.51		0.00		11.54
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.07	0.85	0.00	0.23	0.01	0.24	0.01	0.01	0.02		175.05		0.01		175.23
Total	0.11	0.26	1.06	0.00	0.64	0.01	0.65	0.01	0.01	0.02		186.56		0.01		186.77

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	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.24		2,844.05
Total	9.57	22.21	16.74	0.03	0.08	1.12	1.20	0.00	1.12	1.12	0.00	2,839.04		0.24		2,844.05

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.19	0.21	0.00	0.30	0.00	0.30	0.00	0.00	0.00		11.51		0.00		11.54
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.07	0.85	0.00	0.17	0.01	0.18	0.01	0.01	0.02		175.05		0.01		175.23
Total	0.11	0.26	1.06	0.00	0.47	0.01	0.48	0.01	0.01	0.02		186.56		0.01		186.77

3.10 03 Precise Grading Phase 1 - 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	lb/day										lb/day					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	2.44	16.78	14.00	0.03		0.86	0.86		0.86	0.86		2,839.04		0.22		2,843.62
Total	2.44	16.78	14.00	0.03	0.18	0.86	1.04	0.00	0.86	0.86		2,839.04		0.22		2,843.62

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	0.02	0.19	0.20	0.00	0.41	0.00	0.41	0.00	0.00	0.00		11.84		0.00		11.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.79	0.00	0.23	0.01	0.24	0.01	0.01	0.02		170.20		0.01		170.37
Total	0.09	0.26	0.99	0.00	0.64	0.01	0.65	0.01	0.01	0.02		182.04		0.01		182.24

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.22		2,843.62
Total	9.57	22.21	16.74	0.03	0.08	1.12	1.20	0.00	1.12	1.12	0.00	2,839.04		0.22		2,843.62

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	0.02	0.19	0.20	0.00	0.30	0.00	0.30	0.00	0.00	0.00		11.84		0.00		11.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.79	0.00	0.17	0.01	0.18	0.01	0.01	0.02		170.20		0.01		170.37

Total	0.09	0.26	0.99	0.00	0.47	0.01	0.48	0.01	0.01	0.02		182.04		0.01		182.24
-------	------	------	------	------	------	------	------	------	------	------	--	--------	--	------	--	--------

3.11 09 Precise Grading Phase 2 - 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					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	3.12	22.06	15.36	0.03		1.20	1.20		1.20	1.20		2,976.13		0.28		2,981.96
Total	3.12	22.06	15.36	0.03	0.08	1.20	1.28	0.00	1.20	1.20		2,976.13		0.28		2,981.96

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	lb/day										lb/day					
Hauling	0.01	0.08	0.10	0.00	0.12	0.00	0.12	0.00	0.00	0.00		4.78		0.00		4.79
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.11	0.00	0.28	0.01	0.29	0.01	0.01	0.02		214.82		0.01		215.06
Total	0.11	0.18	1.21	0.00	0.40	0.01	0.41	0.01	0.01	0.02		219.60		0.01		219.85

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	lb/day										lb/day					

Fugitive Dust					0.03	0.00	0.03	0.00	0.00	0.00						0.00
Off-Road	9.93	23.39	17.73	0.03		1.22	1.22		1.22	1.22	0.00	2,976.13		0.28		2,981.96
Total	9.93	23.39	17.73	0.03	0.03	1.22	1.25	0.00	1.22	1.22	0.00	2,976.13		0.28		2,981.96

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	lb/day										lb/day					
Hauling	0.01	0.08	0.10	0.00	0.09	0.00	0.09	0.00	0.00	0.00		4.78		0.00		4.79
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.11	0.00	0.21	0.01	0.22	0.01	0.01	0.02		214.82		0.01		215.06
Total	0.11	0.18	1.21	0.00	0.30	0.01	0.31	0.01	0.01	0.02		219.60		0.01		219.85

3.11 09 Precise Grading Phase 2 - 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	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	2.86	19.86	15.23	0.03		1.05	1.05		1.05	1.05		2,976.13		0.26		2,981.52
Total	2.86	19.86	15.23	0.03	0.08	1.05	1.13	0.00	1.05	1.05		2,976.13		0.26		2,981.52

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	lb/day										lb/day					
Hauling	0.01	0.08	0.09	0.00	0.12	0.00	0.12	0.00	0.00	0.00		4.93		0.00		4.94
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	1.02	0.00	0.28	0.01	0.29	0.01	0.01	0.02		210.06		0.01		210.28
Total	0.10	0.17	1.11	0.00	0.40	0.01	0.41	0.01	0.01	0.02		214.99		0.01		215.22

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
Category	lb/day										lb/day					
Fugitive Dust					0.03	0.00	0.03	0.00	0.00	0.00						0.00
Off-Road	9.93	23.39	17.73	0.03		1.22	1.22		1.22	1.22	0.00	2,976.13		0.26		2,981.52
Total	9.93	23.39	17.73	0.03	0.03	1.22	1.25	0.00	1.22	1.22	0.00	2,976.13		0.26		2,981.52

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	lb/day										lb/day					
Hauling	0.01	0.08	0.09	0.00	0.09	0.00	0.09	0.00	0.00	0.00		4.93		0.00		4.94
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	1.02	0.00	0.21	0.01	0.22	0.01	0.01	0.02		210.06		0.01		210.28
Total	0.10	0.17	1.11	0.00	0.30	0.01	0.31	0.01	0.01	0.02		214.99		0.01		215.22

3.12 05 Building Construction Phase 1 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.85	35.37	27.45	0.05		2.28	2.28		2.28	2.28		4,553.11		0.44		4,562.26
Total	4.85	35.37	27.45	0.05		2.28	2.28		2.28	2.28		4,553.11		0.44		4,562.26

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.34	14.45	9.66	0.03	0.96	0.47	1.43	0.07	0.47	0.55		2,785.19		0.07		2,786.61
Worker	2.50	2.49	28.65	0.06	7.14	0.23	7.36	0.27	0.23	0.49		5,549.60		0.29		5,555.73
Total	3.84	16.94	38.31	0.09	8.10	0.70	8.79	0.34	0.70	1.04		8,334.79		0.36		8,342.34

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	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.44		4,562.26
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.44		4,562.26

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.34	14.45	9.66	0.03	0.73	0.47	1.20	0.07	0.47	0.55		2,785.19		0.07		2,786.61
Worker	2.50	2.49	28.65	0.06	5.35	0.23	5.58	0.27	0.23	0.49		5,549.60		0.29		5,555.73
Total	3.84	16.94	38.31	0.09	6.08	0.70	6.78	0.34	0.70	1.04		8,334.79		0.36		8,342.34

3.12 05 Building Construction Phase 1 - 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	lb/day										lb/day					
Off-Road	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48
Total	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48

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

Vendor	1.23	13.10	8.84	0.03	0.96	0.42	1.38	0.07	0.42	0.50		2,794.63	0.06		2,795.92
Worker	2.35	2.27	26.43	0.06	7.14	0.23	7.37	0.27	0.23	0.50		5,426.44	0.27		5,432.14
Total	3.58	15.37	35.27	0.09	8.10	0.65	8.75	0.34	0.65	1.00		8,221.07	0.33		8,228.06

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	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.23	13.10	8.84	0.03	0.73	0.42	1.15	0.07	0.42	0.50		2,794.63		0.06		2,795.92
Worker	2.35	2.27	26.43	0.06	5.35	0.23	5.58	0.27	0.23	0.50		5,426.44		0.27		5,432.14
Total	3.58	15.37	35.27	0.09	6.08	0.65	6.73	0.34	0.65	1.00		8,221.07		0.33		8,228.06

3.12 05 Building Construction Phase 1 - 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	lb/day										lb/day					
Off-Road	4.07	28.96	27.29	0.05		1.80	1.80		1.80	1.80		4,553.11		0.36		4,560.77
Total	4.07	28.96	27.29	0.05		1.80	1.80		1.80	1.80		4,553.11		0.36		4,560.77

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.13	12.03	8.18	0.03	0.96	0.38	1.34	0.07	0.38	0.45		2,799.75		0.06		2,800.93
Worker	2.22	2.08	24.41	0.06	7.14	0.23	7.37	0.27	0.23	0.50		5,276.07		0.25		5,281.36
Total	3.35	14.11	32.59	0.09	8.10	0.61	8.71	0.34	0.61	0.95		8,075.82		0.31		8,082.29

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	lb/day										lb/day					
Off-Road	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.36		4,560.77
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.36		4,560.77

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.13	12.03	8.18	0.03	0.73	0.38	1.11	0.07	0.38	0.45		2,799.75		0.06		2,800.93
Worker	2.22	2.08	24.41	0.06	5.35	0.23	5.58	0.27	0.23	0.50		5,276.07		0.25		5,281.36
Total	3.35	14.11	32.59	0.09	6.08	0.61	6.69	0.34	0.61	0.95		8,075.82		0.31		8,082.29

3.13 11 Building Construction Phase 2 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.85	35.37	27.45	0.05		2.28	2.28		2.28	2.28		4,553.11		0.44		4,562.26
Total	4.85	35.37	27.45	0.05		2.28	2.28		2.28	2.28		4,553.11		0.44		4,562.26

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.34	14.45	9.66	0.03	0.96	0.47	1.43	0.07	0.47	0.55		2,785.19		0.07		2,786.61
Worker	2.50	2.49	28.65	0.06	7.14	0.23	7.36	0.27	0.23	0.49		5,549.60		0.29		5,555.73
Total	3.84	16.94	38.31	0.09	8.10	0.70	8.79	0.34	0.70	1.04		8,334.79		0.36		8,342.34

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	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.44		4,562.26
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.44		4,562.26

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.34	14.45	9.66	0.03	0.73	0.47	1.20	0.07	0.47	0.55		2,785.19		0.07		2,786.61
Worker	2.50	2.49	28.65	0.06	5.35	0.23	5.58	0.27	0.23	0.49		5,549.60		0.29		5,555.73
Total	3.84	16.94	38.31	0.09	6.08	0.70	6.78	0.34	0.70	1.04		8,334.79		0.36		8,342.34

3.13 11 Building Construction Phase 2 - 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	lb/day										lb/day					
Off-Road	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48
Total	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.23	13.10	8.84	0.03	0.96	0.42	1.38	0.07	0.42	0.50		2,794.63		0.06		2,795.92
Worker	2.35	2.27	26.43	0.06	7.14	0.23	7.37	0.27	0.23	0.50		5,426.44		0.27		5,432.14
Total	3.58	15.37	35.27	0.09	8.10	0.65	8.75	0.34	0.65	1.00		8,221.07		0.33		8,228.06

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	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.23	13.10	8.84	0.03	0.73	0.42	1.15	0.07	0.42	0.50		2,794.63		0.06		2,795.92

Worker	2.35	2.27	26.43	0.06	5.35	0.23	5.58	0.27	0.23	0.50		5,426.44		0.27		5,432.14
Total	3.58	15.37	35.27	0.09	6.08	0.65	6.73	0.34	0.65	1.00		8,221.07		0.33		8,228.06

3.14 06 Architectural Coating Phase 1 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	21.94					0.00	0.00		0.00	0.00						0.00
Off-Road	2.23	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16
Total	24.17	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.50	0.50	5.73	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,109.92		0.06		1,111.15
Total	0.50	0.50	5.73	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,109.92		0.06		1,111.15

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Archit. Coating	21.94					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16
Total	29.11	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.50	0.50	5.73	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,109.92		0.06		1,111.15
Total	0.50	0.50	5.73	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,109.92		0.06		1,111.15

3.14 06 Architectural Coating Phase 1 - 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	lb/day										lb/day					
Archit. Coating	21.94					0.00	0.00		0.00	0.00						0.00
Off-Road	2.03	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79
Total	23.97	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.47	0.45	5.29	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,085.29		0.05		1,086.43
Total	0.47	0.45	5.29	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,085.29		0.05		1,086.43

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					
Archit. Coating	21.94					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79
Total	29.11	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.47	0.45	5.29	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,085.29		0.05		1,086.43
Total	0.47	0.45	5.29	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,085.29		0.05		1,086.43

3.14 06 Architectural Coating Phase 1 - 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	lb/day										lb/day					
Archit. Coating	21.94					0.00	0.00		0.00	0.00						0.00
Off-Road	1.84	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43
Total	23.78	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.44	0.42	4.88	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,055.21		0.05		1,056.27
Total	0.44	0.42	4.88	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,055.21		0.05		1,056.27

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	21.94					0.00	0.00		0.00	0.00						0.00

Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43
Total	29.11	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.44	0.42	4.88	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,055.21		0.05		1,056.27
Total	0.44	0.42	4.88	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,055.21		0.05		1,056.27

3.15 12 Architectural Coating Phase 2 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.87					0.00	0.00		0.00	0.00						0.00
Off-Road	2.23	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16
Total	35.10	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
--	-----	-----	----	-----	---------------	--------------	------------	----------------	---------------	-------------	----------	-----------	-----------	-----	-----	------

Category	lb/day										lb/day					
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
Worker	0.50	0.50	5.73	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,109.92		0.06		1,111.15
Total	0.50	0.50	5.73	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,109.92		0.06		1,111.15

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.87					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16
Total	40.04	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.50	0.50	5.73	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,109.92		0.06		1,111.15
Total	0.50	0.50	5.73	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,109.92		0.06		1,111.15

3.15 12 Architectural Coating Phase 2 - 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	lb/day										lb/day					
Archit. Coating	32.87					0.00	0.00		0.00	0.00						0.00
Off-Road	2.03	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79
Total	34.90	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.47	0.45	5.29	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,085.29		0.05		1,086.43
Total	0.47	0.45	5.29	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,085.29		0.05		1,086.43

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					
Archit. Coating	32.87					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79
Total	40.04	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.47	0.45	5.29	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,085.29		0.05		1,086.43
Total	0.47	0.45	5.29	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,085.29		0.05		1,086.43

3.16 16 Paving Phase 3 - 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	lb/day										lb/day					
Off-Road	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05		0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.01	20.73	13.06	0.03		1.30	1.30		1.30	1.30		2,630.05		0.27		2,635.69

Unmitigated Construction Off-Site

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

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.07	0.06	0.74	0.00	0.20	0.01	0.21	0.01	0.01	0.01			151.71		0.01	
Total	0.07	0.06	0.74	0.00	0.20	0.01	0.21	0.01	0.01	0.01			151.71		0.01	

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	lb/day										lb/day					
Off-Road	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.27		2,635.69

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.06	0.74	0.00	0.15	0.01	0.16	0.01	0.01	0.01		151.71		0.01		151.87
Total	0.07	0.06	0.74	0.00	0.15	0.01	0.16	0.01	0.01	0.01		151.71		0.01		151.87

3.16 16 Paving Phase 3 - 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	lb/day										lb/day					
Off-Road	2.82	18.93	12.98	0.03		1.19	1.19		1.19	1.19		2,630.05		0.25		2,635.36
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.82	18.93	12.98	0.03		1.19	1.19		1.19	1.19		2,630.05		0.25		2,635.36

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.06	0.68	0.00	0.20	0.01	0.21	0.01	0.01	0.01		147.50		0.01		147.65
Total	0.06	0.06	0.68	0.00	0.20	0.01	0.21	0.01	0.01	0.01		147.50		0.01		147.65

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	lb/day										lb/day					
Off-Road	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.25		2,635.36
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.25		2,635.36

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.06	0.68	0.00	0.15	0.01	0.16	0.01	0.01	0.01		147.50		0.01		147.65
Total	0.06	0.06	0.68	0.00	0.15	0.01	0.16	0.01	0.01	0.01		147.50		0.01		147.65

3.16 16 Paving Phase 3 - 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	lb/day										lb/day					
Off-Road	2.63	17.25	12.90	0.03		1.08	1.08		1.08	1.08		2,630.05		0.24		2,635.01
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	2.63	17.25	12.90	0.03		1.08	1.08		1.08	1.08		2,630.05		0.24		2,635.01

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.05	0.63	0.00	0.20	0.01	0.21	0.01	0.01	0.01		144.32		0.01		144.46

Total	0.06	0.05	0.63	0.00	0.20	0.01	0.21	0.01	0.01	0.01		144.32		0.01		144.46
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	---------------	--	-------------	--	---------------

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	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.24		2,635.01
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	10.43	20.97	15.28	0.03		1.04	1.04		1.04	1.04	0.00	2,630.05		0.24		2,635.01

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.05	0.63	0.00	0.15	0.01	0.16	0.01	0.01	0.01		144.32		0.01		144.46
Total	0.06	0.05	0.63	0.00	0.15	0.01	0.16	0.01	0.01	0.01		144.32		0.01		144.46

3.17 15 Precise Grading Phase 3 - 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	lb/day										lb/day					

Fugitive Dust					0.11	0.00	0.11	0.00	0.00	0.00						0.00
Off-Road	2.66	18.76	14.08	0.03		0.99	0.99		0.99	0.99		2,839.04		0.24		2,844.05
Total	2.66	18.76	14.08	0.03	0.11	0.99	1.10	0.00	0.99	0.99		2,839.04		0.24		2,844.05

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	0.02	0.12	0.13	0.00	0.31	0.00	0.31	0.00	0.00	0.00		7.16		0.00		7.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.07	0.85	0.00	0.23	0.01	0.24	0.01	0.01	0.02		175.05		0.01		175.23
Total	0.10	0.19	0.98	0.00	0.54	0.01	0.55	0.01	0.01	0.02		182.21		0.01		182.41

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.05	0.00	0.05	0.00	0.00	0.00						0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.24		2,844.05
Total	9.57	22.21	16.74	0.03	0.05	1.12	1.17	0.00	1.12	1.12	0.00	2,839.04		0.24		2,844.05

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	0.02	0.12	0.13	0.00	0.23	0.00	0.23	0.00	0.00	0.00		7.16		0.00		7.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.07	0.85	0.00	0.17	0.01	0.18	0.01	0.01	0.02		175.05		0.01		175.23
Total	0.10	0.19	0.98	0.00	0.40	0.01	0.41	0.01	0.01	0.02		182.21		0.01		182.41

3.17 15 Precise Grading Phase 3 - 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	lb/day										lb/day					
Fugitive Dust					0.11	0.00	0.11	0.00	0.00	0.00						0.00
Off-Road	2.44	16.78	14.00	0.03		0.86	0.86		0.86	0.86		2,839.04		0.22		2,843.62
Total	2.44	16.78	14.00	0.03	0.11	0.86	0.97	0.00	0.86	0.86		2,839.04		0.22		2,843.62

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	0.02	0.12	0.13	0.00	0.31	0.00	0.31	0.00	0.00	0.00		7.36		0.00		7.38
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.79	0.00	0.23	0.01	0.24	0.01	0.01	0.02		170.20		0.01		170.37
Total	0.09	0.19	0.92	0.00	0.54	0.01	0.55	0.01	0.01	0.02		177.56		0.01		177.75

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.05	0.00	0.05	0.00	0.00	0.00						0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.22		2,843.62
Total	9.57	22.21	16.74	0.03	0.05	1.12	1.17	0.00	1.12	1.12	0.00	2,839.04		0.22		2,843.62

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	0.02	0.12	0.13	0.00	0.23	0.00	0.23	0.00	0.00	0.00		7.36		0.00		7.38
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.79	0.00	0.17	0.01	0.18	0.01	0.01	0.02		170.20		0.01		170.37
Total	0.09	0.19	0.92	0.00	0.40	0.01	0.41	0.01	0.01	0.02		177.56		0.01		177.75

3.17 15 Precise Grading Phase 3 - 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	lb/day										lb/day					
Fugitive Dust					0.11	0.00	0.11	0.00	0.00	0.00						0.00

Off-Road	2.25	14.97	13.94	0.03		0.75	0.75		0.75	0.75		2,839.04		0.20		2,843.25
Total	2.25	14.97	13.94	0.03	0.11	0.75	0.86	0.00	0.75	0.75		2,839.04		0.20		2,843.25

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	0.01	0.12	0.12	0.00	0.31	0.00	0.31	0.00	0.00	0.00		7.57		0.00		7.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.06	0.73	0.00	0.23	0.01	0.24	0.01	0.01	0.02		166.52		0.01		166.68
Total	0.08	0.18	0.85	0.00	0.54	0.01	0.55	0.01	0.01	0.02		174.09		0.01		174.27

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.05	0.00	0.05	0.00	0.00	0.00						0.00
Off-Road	9.57	22.21	16.74	0.03		1.12	1.12		1.12	1.12	0.00	2,839.04		0.20		2,843.25
Total	9.57	22.21	16.74	0.03	0.05	1.12	1.17	0.00	1.12	1.12	0.00	2,839.04		0.20		2,843.25

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	0.01	0.12	0.12	0.00	0.23	0.00	0.23	0.00	0.00	0.00	7.57		0.00		
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00
Worker	0.07	0.06	0.73	0.00	0.17	0.01	0.18	0.01	0.01	0.02	166.52		0.01			166.68
Total	0.08	0.18	0.85	0.00	0.40	0.01	0.41	0.01	0.01	0.02	174.09		0.01			174.27

3.18 17 Building Construction Phase 3 - 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	lb/day										lb/day					
Off-Road	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48
Total	4.44	32.00	27.36	0.05		2.03	2.03		2.03	2.03		4,553.11		0.40		4,561.48

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.23	13.10	8.84	0.03	0.96	0.42	1.38	0.07	0.42	0.50		2,794.63		0.06		2,795.92
Worker	2.35	2.27	26.43	0.06	7.14	0.23	7.37	0.27	0.23	0.50		5,426.44		0.27		5,432.14
Total	3.58	15.37	35.27	0.09	8.10	0.65	8.75	0.34	0.65	1.00		8,221.07		0.33		8,228.06

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	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.40		4,561.48

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.23	13.10	8.84	0.03	0.73	0.42	1.15	0.07	0.42	0.50		2,794.63		0.06		2,795.92
Worker	2.35	2.27	26.43	0.06	5.35	0.23	5.58	0.27	0.23	0.50		5,426.44		0.27		5,432.14
Total	3.58	15.37	35.27	0.09	6.08	0.65	6.73	0.34	0.65	1.00		8,221.07		0.33		8,228.06

3.18 17 Building Construction Phase 3 - 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	lb/day										lb/day					
Off-Road	4.07	28.96	27.29	0.05		1.80	1.80		1.80	1.80		4,553.11		0.36		4,560.77
Total	4.07	28.96	27.29	0.05		1.80	1.80		1.80	1.80		4,553.11		0.36		4,560.77

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.13	12.03	8.18	0.03	0.96	0.38	1.34	0.07	0.38	0.45		2,799.75		0.06		2,800.93
Worker	2.22	2.08	24.41	0.06	7.14	0.23	7.37	0.27	0.23	0.50		5,276.07		0.25		5,281.36
Total	3.35	14.11	32.59	0.09	8.10	0.61	8.71	0.34	0.61	0.95		8,075.82		0.31		8,082.29

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	lb/day										lb/day					
Off-Road	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.36		4,560.77
Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.36		4,560.77

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.13	12.03	8.18	0.03	0.73	0.38	1.11	0.07	0.38	0.45		2,799.75		0.06		2,800.93
Worker	2.22	2.08	24.41	0.06	5.35	0.23	5.58	0.27	0.23	0.50		5,276.07		0.25		5,281.36

Total	3.35	14.11	32.59	0.09	6.08	0.61	6.69	0.34	0.61	0.95		8,075.82		0.31		8,082.29
--------------	-------------	--------------	--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	-----------------	--	-------------	--	-----------------

3.18 17 Building Construction Phase 3 - 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	lb/day										lb/day					
Off-Road	3.72	26.12	27.21	0.05		1.59	1.59		1.59	1.59		4,553.11		0.33		4,560.06
Total	3.72	26.12	27.21	0.05		1.59	1.59		1.59	1.59		4,553.11		0.33		4,560.06

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.05	11.13	7.61	0.03	0.96	0.35	1.31	0.07	0.35	0.42		2,807.64		0.05		2,808.73
Worker	2.10	1.90	22.62	0.06	7.14	0.23	7.37	0.27	0.23	0.50		5,162.13		0.24		5,167.09
Total	3.15	13.03	30.23	0.09	8.10	0.58	8.68	0.34	0.58	0.92		7,969.77		0.29		7,975.82

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	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.33		4,560.06

Total	15.20	36.42	29.64	0.05		2.03	2.03		2.03	2.03	0.00	4,553.11		0.33		4,560.06
--------------	--------------	--------------	--------------	-------------	--	-------------	-------------	--	-------------	-------------	-------------	-----------------	--	-------------	--	-----------------

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.05	11.13	7.61	0.03	0.73	0.35	1.08	0.07	0.35	0.42		2,807.64		0.05		2,808.73
Worker	2.10	1.90	22.62	0.06	5.35	0.23	5.58	0.27	0.23	0.50		5,162.13		0.24		5,167.09
Total	3.15	13.03	30.23	0.09	6.08	0.58	6.66	0.34	0.58	0.92		7,969.77		0.29		7,975.82

3.19 18 Architectural Coating Phase 3 - 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	lb/day										lb/day					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	2.03	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79
Total	20.21	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79

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	lb/day										lb/day					

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
Worker	0.47	0.45	5.29	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,085.29		0.05		1,086.43
Total	0.47	0.45	5.29	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,085.29		0.05		1,086.43

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					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79
Total	25.35	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.47	0.45	5.29	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,085.29		0.05		1,086.43
Total	0.47	0.45	5.29	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,085.29		0.05		1,086.43

3.19 18 Architectural Coating Phase 3 - 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	lb/day										lb/day					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	1.84	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43
Total	20.02	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.44	0.42	4.88	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,055.21		0.05		1,056.27
Total	0.44	0.42	4.88	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,055.21		0.05		1,056.27

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43
Total	25.35	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.44	0.42	4.88	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,055.21		0.05		1,056.27
Total	0.44	0.42	4.88	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,055.21		0.05		1,056.27

3.19 18 Architectural Coating Phase 3 - 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	lb/day										lb/day					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	1.66	10.92	9.33	0.01		0.87	0.87		0.87	0.87		1,405.95		0.15		1,409.07
Total	19.84	10.92	9.33	0.01		0.87	0.87		0.87	0.87		1,405.95		0.15		1,409.07

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.42	0.38	4.52	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,032.43		0.05		1,033.42

Total	0.42	0.38	4.52	0.01	1.43	0.05	1.47	0.05	0.05	0.10		1,032.43		0.05		1,033.42
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	-----------------	--	-------------	--	-----------------

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	lb/day										lb/day					
Archit. Coating	18.18					0.00	0.00		0.00	0.00						0.00
Off-Road	7.17	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.15		1,409.07
Total	25.35	12.12	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.15		1,409.07

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.42	0.38	4.52	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,032.43		0.05		1,033.42
Total	0.42	0.38	4.52	0.01	1.07	0.05	1.12	0.05	0.05	0.10		1,032.43		0.05		1,033.42

**Portola Center - Construction
Orange County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
City Park	5.6	Acre
City Park	5	Acre
Apartments Low Rise	335	Dwelling Unit
Single Family Housing	613	Dwelling Unit
Strip Mall	10	1000sqft

1.2 Other Project Characteristics

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

1.3 User Entered Comments

Project Characteristics -
 Land Use - Total Site Acreage = 195
 Construction Phase - proposed construction schedule
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates

Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates
 Off-road Equipment - proposed equipment fleet, load factors based on CARB updates

Trips and VMT - Haul trips would occur between the north and south site. Material would be balanced between the two sites.

Grading - see assumptions sheet

Construction Off-road Equipment Mitigation -

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	2.09	15.04	13.14	0.01	3.96	0.53	4.49	0.12	0.53	0.65	0.00	1,325.00	1,325.00	0.14	0.00
2014	10.18	55.59	46.95	0.06	13.61	2.18	15.79	0.15	2.18	2.33	0.00	6,054.10	6,054.10	0.56	0.00	6,065.82
2015	15.24	37.28	39.43	0.08	3.53	2.28	5.81	0.16	2.28	2.44	0.00	6,992.59	6,992.59	0.50	0.00	7,003.12
2016	7.45	19.00	21.70	0.05	2.10	1.15	3.25	0.10	1.15	1.24	0.00	3,950.12	3,950.12	0.26	0.00	3,955.58
2017	2.40	6.07	7.36	0.02	0.73	0.36	1.09	0.03	0.36	0.39	0.00	1,374.21	1,374.21	0.08	0.00	1,375.98
Total	37.36	132.98	128.58	0.22	23.93	6.50	30.43	0.56	6.50	7.05	0.00	19,696.02	19,696.02	1.54	0.00	19,728.46

Mitigated Construction

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
2013	5.20	13.55	14.01	0.01	2.67	0.41	3.08	0.05	0.41	0.46	0.00	1,325.00	1,325.00	0.14	0.00	1,327.96
2014	23.53	52.92	51.27	0.06	9.85	1.82	11.68	0.09	1.82	1.92	0.00	6,054.10	6,054.10	0.56	0.00	6,065.82
2015	26.45	40.03	41.93	0.08	2.62	2.10	4.73	0.16	2.10	2.26	0.00	6,992.59	6,992.59	0.50	0.00	7,003.12
2016	13.90	22.22	23.15	0.05	1.55	1.17	2.73	0.09	1.17	1.26	0.00	3,950.12	3,950.12	0.26	0.00	3,955.58
2017	4.74	7.73	7.90	0.02	0.54	0.41	0.95	0.03	0.41	0.44	0.00	1,374.21	1,374.21	0.08	0.00	1,375.98
Total	73.82	136.45	138.26	0.22	17.23	5.91	23.17	0.42	5.91	6.34	0.00	19,696.02	19,696.02	1.54	0.00	19,728.46

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 01 Site Preparation Phase 1 - 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					0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.28	0.16	0.00		0.02	0.02		0.02	0.02	0.00	26.77	26.77	0.00	0.00	26.84
Total	0.04	0.28	0.16	0.00	0.05	0.02	0.07	0.00	0.02	0.02	0.00	26.77	26.77	0.00	0.00	26.84

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	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	1.82	1.82	0.00	0.00	1.82
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.82	1.82	0.00	0.00	1.82

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					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.14	0.24	0.17	0.00		0.01	0.01		0.01	0.01	0.00	26.77	26.77	0.00	0.00	26.84
Total	0.14	0.24	0.17	0.00	0.02	0.01	0.03	0.00	0.01	0.01	0.00	26.77	26.77	0.00	0.00	26.84

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	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	1.82	1.82	0.00	0.00	1.82
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.82	1.82	0.00	0.00	1.82

3.3 07 Site Preparation Phase 2 - 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					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.03	0.23	0.13	0.00		0.02	0.02		0.02	0.02	0.00	23.08	23.08	0.00	0.00	23.14
Total	0.03	0.23	0.13	0.00	0.01	0.02	0.03	0.00	0.02	0.02	0.00	23.08	23.08	0.00	0.00	23.14

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	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	1.58	1.58	0.00	0.00	1.58
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	1.58	0.00	0.00	1.58

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					
Fugitive Dust					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.12	0.21	0.14	0.00		0.01	0.01		0.01	0.01	0.00	23.08	23.08	0.00	0.00	23.14
Total	0.12	0.21	0.14	0.00	0.01	0.01	0.02	0.00	0.01	0.01	0.00	23.08	23.08	0.00	0.00	23.14

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	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	1.58	1.58	0.00	0.00	1.58
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	1.58	0.00	0.00	1.58

3.4 13 Site Preparation Phase 3 - 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					0.08	0.00	0.08	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.25	0.14	0.00		0.02	0.02		0.02	0.02	0.00	23.87	23.87	0.00	0.00	23.93
Total	0.04	0.25	0.14	0.00	0.08	0.02	0.10	0.01	0.02	0.03	0.00	23.87	23.87	0.00	0.00	23.93

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	0.25	1.44	2.36	0.00	0.13	0.02	0.15	0.00	0.02	0.02	0.00	77.47	77.47	0.01	0.00	77.72
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	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	1.58	1.58	0.00	0.00	1.58
Total	0.25	1.44	2.37	0.00	0.13	0.02	0.15	0.00	0.02	0.02	0.00	79.05	79.05	0.01	0.00	79.30

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					0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.12	0.22	0.15	0.00		0.01	0.01		0.01	0.01	0.00	23.87	23.87	0.00	0.00	23.93
Total	0.12	0.22	0.15	0.00	0.04	0.01	0.05	0.00	0.01	0.01	0.00	23.87	23.87	0.00	0.00	23.93

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	0.25	1.44	2.36	0.00	0.10	0.02	0.12	0.00	0.02	0.02	0.00	77.47	77.47	0.01	0.00	77.72
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	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	1.58	1.58	0.00	0.00	1.58
Total	0.25	1.44	2.37	0.00	0.10	0.02	0.12	0.00	0.02	0.02	0.00	79.05	79.05	0.01	0.00	79.30

3.5 08 Mass Grading Phase 2 - 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					0.04	0.00	0.04	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.25	2.18	1.03	0.00		0.09	0.09		0.09	0.09	0.00	228.39	228.39	0.02	0.00	228.82
Total	0.25	2.18	1.03	0.00	0.04	0.09	0.13	0.01	0.09	0.10	0.00	228.39	228.39	0.02	0.00	228.82

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	0.07	0.40	0.66	0.00	0.21	0.00	0.21	0.00	0.00	0.01	0.00	21.71	21.71	0.00	0.00	21.78
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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.67	5.67	0.00	0.00	5.68
Total	0.07	0.40	0.69	0.00	0.22	0.00	0.22	0.00	0.00	0.01	0.00	27.38	27.38	0.00	0.00	27.46

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					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.91	1.88	1.24	0.00		0.07	0.07		0.07	0.07	0.00	228.39	228.39	0.02	0.00	228.82
Total	0.91	1.88	1.24	0.00	0.02	0.07	0.09	0.00	0.07	0.07	0.00	228.39	228.39	0.02	0.00	228.82

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	0.07	0.40	0.66	0.00	0.15	0.00	0.16	0.00	0.00	0.01	0.00	21.71	21.71	0.00	0.00	21.78
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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.67	5.67	0.00	0.00	5.68

Total	0.07	0.40	0.69	0.00	0.16	0.00	0.17	0.00	0.00	0.01	0.00	27.38	27.38	0.00	0.00	27.46
-------	------	------	------	------	------	------	------	------	------	------	------	-------	-------	------	------	-------

3.5 08 Mass Grading Phase 2 - 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					0.04	0.00	0.04	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.48	4.04	1.96	0.00		0.17	0.17		0.17	0.17	0.00	456.78	456.78	0.04	0.00	457.60
Total	0.48	4.04	1.96	0.00	0.04	0.17	0.21	0.01	0.17	0.18	0.00	456.78	456.78	0.04	0.00	457.60

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	0.13	0.82	1.25	0.00	0.42	0.01	0.43	0.00	0.01	0.01	0.00	44.79	44.79	0.01	0.00	44.92
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	0.00	0.00
Worker	0.01	0.01	0.06	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	11.12	11.12	0.00	0.00	11.14
Total	0.14	0.83	1.31	0.00	0.43	0.01	0.45	0.00	0.01	0.01	0.00	55.91	55.91	0.01	0.00	56.06

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					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.83	3.76	2.49	0.00		0.15	0.15		0.15	0.15	0.00	456.78	456.78	0.04	0.00	457.60
Total	1.83	3.76	2.49	0.00	0.02	0.15	0.17	0.00	0.15	0.15	0.00	456.78	456.78	0.04	0.00	457.60

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	0.13	0.82	1.25	0.00	0.31	0.01	0.32	0.00	0.01	0.01	0.00	44.79	44.79	0.01	0.00	44.92
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	0.00	0.00
Worker	0.01	0.01	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	11.12	11.12	0.00	0.00	11.14
Total	0.14	0.83	1.31	0.00	0.32	0.01	0.33	0.00	0.01	0.01	0.00	55.91	55.91	0.01	0.00	56.06

3.6 14 Mass Grading Phase 3 - 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					0.26	0.00	0.26	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.35	2.92	1.38	0.00		0.13	0.13		0.13	0.13	0.00	300.96	300.96	0.03	0.00	301.56
Total	0.35	2.92	1.38	0.00	0.26	0.13	0.39	0.04	0.13	0.17	0.00	300.96	300.96	0.03	0.00	301.56

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	0.19	1.10	1.80	0.00	1.15	0.01	1.16	0.00	0.01	0.01	0.00	59.17	59.17	0.01	0.00	59.36
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	0.00	0.00
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.62	8.62	0.00	0.00	8.63
Total	0.19	1.10	1.85	0.00	1.16	0.01	1.17	0.00	0.01	0.01	0.00	67.79	67.79	0.01	0.00	67.99

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					0.11	0.00	0.11	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.25	2.50	1.65	0.00		0.10	0.10		0.10	0.10	0.00	300.96	300.96	0.03	0.00	301.56
Total	1.25	2.50	1.65	0.00	0.11	0.10	0.21	0.02	0.10	0.12	0.00	300.96	300.96	0.03	0.00	301.56

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	0.19	1.10	1.80	0.00	0.85	0.01	0.86	0.00	0.01	0.01	0.00	59.17	59.17	0.01	0.00	59.36
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	0.00	0.00
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.62	8.62	0.00	0.00	8.63
Total	0.19	1.10	1.85	0.00	0.86	0.01	0.87	0.00	0.01	0.01	0.00	67.79	67.79	0.01	0.00	67.99

3.6 14 Mass Grading Phase 3 - 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					0.26	0.00	0.26	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.70	13.71	6.71	0.02		0.62	0.62		0.62	0.62	0.00	1,525.80	1,525.80	0.14	0.00	1,528.69
Total	1.70	13.71	6.71	0.02	0.26	0.62	0.88	0.04	0.62	0.66	0.00	1,525.80	1,525.80	0.14	0.00	1,528.69

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	0.91	5.70	8.64	0.00	5.83	0.06	5.89	0.00	0.06	0.06	0.00	309.38	309.38	0.04	0.00	310.28
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	0.00	0.00
Worker	0.02	0.02	0.25	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	42.86	42.86	0.00	0.00	42.91
Total	0.93	5.72	8.89	0.00	5.89	0.06	5.95	0.00	0.06	0.06	0.00	352.24	352.24	0.04	0.00	353.19

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					0.11	0.00	0.11	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00

Off-Road	6.36	12.68	8.38	0.02		0.51	0.51		0.51	0.51	0.00	1,525.80	1,525.80	0.14	0.00	1,528.69
Total	6.36	12.68	8.38	0.02	0.11	0.51	0.62	0.02	0.51	0.53	0.00	1,525.80	1,525.80	0.14	0.00	1,528.69

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	0.91	5.70	8.64	0.00	4.32	0.06	4.38	0.00	0.06	0.06	0.00	309.38	309.38	0.04	0.00	310.28
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	0.00	0.00
Worker	0.02	0.02	0.25	0.00	0.04	0.00	0.05	0.00	0.00	0.00	0.00	42.86	42.86	0.00	0.00	42.91
Total	0.93	5.72	8.89	0.00	4.36	0.06	4.43	0.00	0.06	0.06	0.00	352.24	352.24	0.04	0.00	353.19

3.7 02 Mass Grading Phase 1 - 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					0.37	0.00	0.37	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.50	4.16	1.94	0.00		0.19	0.19		0.19	0.19	0.00	422.76	422.76	0.04	0.00	423.60
Total	0.50	4.16	1.94	0.00	0.37	0.19	0.56	0.05	0.19	0.24	0.00	422.76	422.76	0.04	0.00	423.60

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	0.35	2.05	3.37	0.00	1.61	0.03	1.63	0.00	0.03	0.03	0.00	110.65	110.65	0.02	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	0.00	0.00
Worker	0.01	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	10.89	10.89	0.00	0.00	10.90
Total	0.36	2.06	3.44	0.00	1.62	0.03	1.64	0.00	0.03	0.03	0.00	121.54	121.54	0.02	0.00	121.90

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					0.16	0.00	0.16	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.78	3.50	2.28	0.00		0.14	0.14		0.14	0.14	0.00	422.76	422.76	0.04	0.00	423.60
Total	1.78	3.50	2.28	0.00	0.16	0.14	0.30	0.02	0.14	0.16	0.00	422.76	422.76	0.04	0.00	423.60

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	0.35	2.05	3.37	0.00	1.19	0.03	1.21	0.00	0.03	0.03	0.00	110.65	110.65	0.02	0.00	111.00
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	0.00	0.00
Worker	0.01	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	10.89	10.89	0.00	0.00	10.90
Total	0.36	2.06	3.44	0.00	1.20	0.03	1.22	0.00	0.03	0.03	0.00	121.54	121.54	0.02	0.00	121.90

3.7 02 Mass Grading Phase 1 - 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					0.37	0.00	0.37	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.67	13.61	6.55	0.02		0.60	0.60		0.60	0.60	0.00	1,494.41	1,494.41	0.14	0.00	1,497.25
Total	1.67	13.61	6.55	0.02	0.37	0.60	0.97	0.05	0.60	0.65	0.00	1,494.41	1,494.41	0.14	0.00	1,497.25

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	1.19	7.43	11.27	0.00	5.68	0.08	5.76	0.00	0.08	0.08	0.00	403.36	403.36	0.06	0.00	404.55
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	0.00	0.00
Worker	0.02	0.02	0.22	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	37.75	37.75	0.00	0.00	37.79
Total	1.21	7.45	11.49	0.00	5.73	0.08	5.81	0.00	0.08	0.08	0.00	441.11	441.11	0.06	0.00	442.34

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					0.16	0.00	0.16	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	6.29	12.37	8.07	0.02		0.49	0.49		0.49	0.49	0.00	1,494.41	1,494.41	0.14	0.00	1,497.25
Total	6.29	12.37	8.07	0.02	0.16	0.49	0.65	0.02	0.49	0.51	0.00	1,494.41	1,494.41	0.14	0.00	1,497.25

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	1.19	7.43	11.27	0.00	4.21	0.08	4.29	0.00	0.08	0.08	0.00	403.36	403.36	0.06	0.00	404.55
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	0.00	0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	37.75	37.75	0.00	0.00	37.79
Total	1.21	7.45	11.49	0.00	4.25	0.08	4.33	0.00	0.08	0.08	0.00	441.11	441.11	0.06	0.00	442.34

3.8 04 Paving Phase 1 - 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	0.17	1.23	0.72	0.00		0.08	0.08		0.08	0.08	0.00	130.00	130.00	0.01	0.00	130.30
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.17	1.23	0.72	0.00		0.08	0.08		0.08	0.08	0.00	130.00	130.00	0.01	0.00	130.30

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34

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	0.57	1.14	0.83	0.00		0.06	0.06		0.06	0.06	0.00	130.00	130.00	0.01	0.00	130.30
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.57	1.14	0.83	0.00		0.06	0.06		0.06	0.06	0.00	130.00	130.00	0.01	0.00	130.30

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34

3.8 04 Paving Phase 1 - 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	0.39	2.70	1.70	0.00		0.17	0.17		0.17	0.17	0.00	311.28	311.28	0.03	0.00	311.95
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.39	2.70	1.70	0.00		0.17	0.17		0.17	0.17	0.00	311.28	311.28	0.03	0.00	311.95

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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	17.16	17.16	0.00	0.00	17.18
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	17.16	17.16	0.00	0.00	17.18

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	1.36	2.74	1.99	0.00		0.14	0.14		0.14	0.14	0.00	311.28	311.28	0.03	0.00	311.95
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.36	2.74	1.99	0.00		0.14	0.14		0.14	0.14	0.00	311.28	311.28	0.03	0.00	311.95

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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	17.16	17.16	0.00	0.00	17.18
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	17.16	17.16	0.00	0.00	17.18

3.8 04 Paving Phase 1 - 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	0.12	0.81	0.56	0.00		0.05	0.05		0.05	0.05	0.00	102.57	102.57	0.01	0.00	102.77
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.12	0.81	0.56	0.00		0.05	0.05		0.05	0.05	0.00	102.57	102.57	0.01	0.00	102.77

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	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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50

Total	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

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	0.45	0.90	0.66	0.00		0.04	0.04		0.04	0.04	0.00	102.57	102.57	0.01	0.00	102.77
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.45	0.90	0.66	0.00		0.04	0.04		0.04	0.04	0.00	102.57	102.57	0.01	0.00	102.77

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	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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50
Total	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50

3.9 10 Paving Phase 2 - 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	0.17	1.23	0.72	0.00		0.08	0.08		0.08	0.08	0.00	130.00	130.00	0.01	0.00	130.30
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.17	1.23	0.72	0.00		0.08	0.08		0.08	0.08	0.00	130.00	130.00	0.01	0.00	130.30

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34

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	0.57	1.14	0.83	0.00		0.06	0.06		0.06	0.06	0.00	130.00	130.00	0.01	0.00	130.30
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.57	1.14	0.83	0.00		0.06	0.06		0.06	0.06	0.00	130.00	130.00	0.01	0.00	130.30

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34

3.9 10 Paving Phase 2 - 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	0.36	2.47	1.55	0.00		0.16	0.16		0.16	0.16	0.00	283.85	283.85	0.03	0.00	284.46
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.36	2.47	1.55	0.00		0.16	0.16		0.16	0.16	0.00	283.85	283.85	0.03	0.00	284.46

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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.65	15.65	0.00	0.00	15.67
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.65	15.65	0.00	0.00	15.67

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	1.24	2.49	1.82	0.00		0.12	0.12		0.12	0.12	0.00	283.85	283.85	0.03	0.00	284.46
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.24	2.49	1.82	0.00		0.12	0.12		0.12	0.12	0.00	283.85	283.85	0.03	0.00	284.46

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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.65	15.65	0.00	0.00	15.67
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.65	15.65	0.00	0.00	15.67

3.10 03 Precise Grading Phase 1 - 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					0.05	0.00	0.05	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00

Off-Road	0.13	0.92	0.62	0.00		0.05	0.05		0.05	0.05	0.00	113.29	113.29	0.01	0.00	113.51
Total	0.13	0.92	0.62	0.00	0.05	0.05	0.10	0.01	0.05	0.06	0.00	113.29	113.29	0.01	0.00	113.51

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	0.01	0.01	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.43	0.43	0.00	0.00	0.43
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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.83	6.83	0.00	0.00	6.84
Total	0.00	0.01	0.05	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	7.26	7.26	0.00	0.00	7.27

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					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.42	0.98	0.74	0.00		0.05	0.05		0.05	0.05	0.00	113.29	113.29	0.01	0.00	113.51
Total	0.42	0.98	0.74	0.00	0.02	0.05	0.07	0.00	0.05	0.05	0.00	113.29	113.29	0.01	0.00	113.51

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	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.43	0.43	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.83	6.83	0.00	0.00	6.84
Total	0.00	0.01	0.05	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	7.26	7.26	0.00	0.00	7.27

3.10 03 Precise Grading Phase 1 - 2015

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Fugitive Dust					0.05	0.00	0.05	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.35	2.45	1.84	0.00		0.13	0.13		0.13	0.13	0.00	336.02	336.02	0.03	0.00	336.61
Total	0.35	2.45	1.84	0.00	0.05	0.13	0.18	0.01	0.13	0.14	0.00	336.02	336.02	0.03	0.00	336.61

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Hauling	0.00	0.02	0.03	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	1.31	1.31	0.00	0.00	1.31
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	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	19.81	19.81	0.00	0.00	19.83
Total	0.01	0.03	0.14	0.00	0.08	0.00	0.08	0.00	0.00	0.00	0.00	21.12	21.12	0.00	0.00	21.14

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					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.25	2.90	2.18	0.00		0.15	0.15		0.15	0.15	0.00	336.02	336.02	0.03	0.00	336.61
Total	1.25	2.90	2.18	0.00	0.02	0.15	0.17	0.00	0.15	0.15	0.00	336.02	336.02	0.03	0.00	336.61

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	0.02	0.03	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	1.31	1.31	0.00	0.00	1.31
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	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	19.81	19.81	0.00	0.00	19.83
Total	0.01	0.03	0.14	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	21.12	21.12	0.00	0.00	21.14

3.10 03 Precise Grading Phase 1 - 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					
Fugitive Dust					0.05	0.00	0.05	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.21	1.46	1.22	0.00		0.08	0.08		0.08	0.08	0.00	224.01	224.01	0.02	0.00	224.37
Total	0.21	1.46	1.22	0.00	0.05	0.08	0.13	0.01	0.08	0.09	0.00	224.01	224.01	0.02	0.00	224.37

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	0.02	0.02	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.90	0.90	0.00	0.00	0.90
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	0.00	0.00
Worker	0.01	0.01	0.07	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	12.84	12.84	0.00	0.00	12.85
Total	0.01	0.03	0.09	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	13.74	13.74	0.00	0.00	13.75

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					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.83	1.93	1.46	0.00		0.10	0.10		0.10	0.10	0.00	224.01	224.01	0.02	0.00	224.37
Total	0.83	1.93	1.46	0.00	0.02	0.10	0.12	0.00	0.10	0.10	0.00	224.01	224.01	0.02	0.00	224.37

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	0.02	0.02	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.90	0.90	0.00	0.00	0.90

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	0.00	0.00
Worker	0.01	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	12.84	12.84	0.00	0.00	
Total	0.01	0.03	0.09	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	13.74	13.74	0.00	0.00	

3.11 09 Precise Grading Phase 2 - 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					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.14	0.97	0.68	0.00		0.05	0.05		0.05	0.05	0.00	118.76	118.76	0.01	0.00	119.00
Total	0.14	0.97	0.68	0.00	0.01	0.05	0.06	0.00	0.05	0.05	0.00	118.76	118.76	0.01	0.00	119.00

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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.18	0.00	0.00	0.18
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	0.00	0.00
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.20	8.20	0.00	0.00	8.20
Total	0.00	0.00	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.38	8.38	0.00	0.00	8.38

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					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.44	1.03	0.78	0.00		0.05	0.05		0.05	0.05	0.00	118.76	118.76	0.01	0.00	119.00
Total	0.44	1.03	0.78	0.00	0.01	0.05	0.06	0.00	0.05	0.05	0.00	118.76	118.76	0.01	0.00	119.00

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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.18	0.00	0.00	0.18
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	0.00	0.00
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.20	8.20	0.00	0.00	8.20
Total	0.00	0.00	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.38	8.38	0.00	0.00	8.38

3.11 09 Precise Grading Phase 2 - 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					
Fugitive Dust					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.37	2.59	1.99	0.00		0.14	0.14		0.14	0.14	0.00	352.24	352.24	0.03	0.00	352.88
Total	0.37	2.59	1.99	0.00	0.01	0.14	0.15	0.00	0.14	0.14	0.00	352.24	352.24	0.03	0.00	352.88

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	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.56	0.56	0.00	0.00	0.56
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	0.00	0.00
Worker	0.01	0.01	0.13	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	23.77	23.77	0.00	0.00	23.79
Total	0.01	0.02	0.14	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	24.33	24.33	0.00	0.00	24.35

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					
Fugitive Dust					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.30	3.05	2.31	0.00		0.16	0.16		0.16	0.16	0.00	352.24	352.24	0.03	0.00	352.88
Total	1.30	3.05	2.31	0.00	0.01	0.16	0.17	0.00	0.16	0.16	0.00	352.24	352.24	0.03	0.00	352.88

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	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.56	0.56	0.00	0.00	0.56
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	0.00	0.00
Worker	0.01	0.01	0.13	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	23.77	23.77	0.00	0.00	23.79

Total	0.01	0.02	0.14	0.00	0.03	0.00	0.04	0.00	0.00	0.00	0.00	24.33	24.33	0.00	0.00	24.35
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--------------	--------------	-------------	-------------	--------------

3.12 05 Building Construction Phase 1 - 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	0.21	1.56	1.21	0.00		0.10	0.10		0.10	0.10	0.00	181.69	181.69	0.02	0.00	182.06
Total	0.21	1.56	1.21	0.00		0.10	0.10		0.10	0.10	0.00	181.69	181.69	0.02	0.00	182.06

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.06	0.63	0.46	0.00	0.04	0.02	0.06	0.00	0.02	0.02	0.00	110.90	110.90	0.00	0.00	110.96
Worker	0.11	0.11	1.22	0.00	0.28	0.01	0.29	0.01	0.01	0.02	0.00	211.71	211.71	0.01	0.00	211.95
Total	0.17	0.74	1.68	0.00	0.32	0.03	0.35	0.01	0.03	0.04	0.00	322.61	322.61	0.01	0.00	322.91

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	0.67	1.60	1.30	0.00		0.09	0.09		0.09	0.09	0.00	181.69	181.69	0.02	0.00	182.06

Total	0.67	1.60	1.30	0.00		0.09	0.09		0.09	0.09	0.00	181.69	181.69	0.02	0.00	182.06
--------------	-------------	-------------	-------------	-------------	--	-------------	-------------	--	-------------	-------------	-------------	---------------	---------------	-------------	-------------	---------------

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.06	0.63	0.46	0.00	0.03	0.02	0.05	0.00	0.02	0.02	0.00	110.90	110.90	0.00	0.00	110.96
Worker	0.11	0.11	1.22	0.00	0.21	0.01	0.22	0.01	0.01	0.02	0.00	211.71	211.71	0.01	0.00	211.95
Total	0.17	0.74	1.68	0.00	0.24	0.03	0.27	0.01	0.03	0.04	0.00	322.61	322.61	0.01	0.00	322.91

3.12 05 Building Construction Phase 1 - 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	0.58	4.18	3.57	0.01		0.26	0.26		0.26	0.26	0.00	538.89	538.89	0.05	0.00	539.88
Total	0.58	4.18	3.57	0.01		0.26	0.26		0.26	0.26	0.00	538.89	538.89	0.05	0.00	539.88

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	0.00	0.00
Vendor	0.17	1.69	1.26	0.00	0.11	0.06	0.17	0.01	0.06	0.07	0.00	330.00	330.00	0.01	0.00	330.15
Worker	0.31	0.30	3.34	0.01	0.84	0.03	0.87	0.03	0.03	0.06	0.00	613.96	613.96	0.03	0.00	614.62
Total	0.48	1.99	4.60	0.01	0.95	0.09	1.04	0.04	0.09	0.13	0.00	943.96	943.96	0.04	0.00	944.77

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					
Off-Road	1.98	4.75	3.87	0.01		0.26	0.26		0.26	0.26	0.00	538.89	538.89	0.05	0.00	539.88
Total	1.98	4.75	3.87	0.01		0.26	0.26		0.26	0.26	0.00	538.89	538.89	0.05	0.00	539.88

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	0.00	0.00
Vendor	0.17	1.69	1.26	0.00	0.09	0.06	0.14	0.01	0.06	0.07	0.00	330.00	330.00	0.01	0.00	330.15
Worker	0.31	0.30	3.34	0.01	0.63	0.03	0.66	0.03	0.03	0.06	0.00	613.96	613.96	0.03	0.00	614.62
Total	0.48	1.99	4.60	0.01	0.72	0.09	0.80	0.04	0.09	0.13	0.00	943.96	943.96	0.04	0.00	944.77

3.12 05 Building Construction Phase 1 - 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	0.35	2.52	2.37	0.00		0.16	0.16		0.16	0.16	0.00	359.26	359.26	0.03	0.00	359.86
Total	0.35	2.52	2.37	0.00		0.16	0.16		0.16	0.16	0.00	359.26	359.26	0.03	0.00	359.86

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.00	0.00
Vendor	0.10	1.03	0.78	0.00	0.08	0.03	0.11	0.01	0.03	0.04	0.00	220.38	220.38	0.00	0.00	220.47
Worker	0.19	0.19	2.05	0.00	0.56	0.02	0.58	0.02	0.02	0.04	0.00	397.94	397.94	0.02	0.00	398.34
Total	0.29	1.22	2.83	0.00	0.64	0.05	0.69	0.03	0.05	0.08	0.00	618.32	618.32	0.02	0.00	618.81

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	1.32	3.17	2.58	0.00		0.18	0.18		0.18	0.18	0.00	359.26	359.26	0.03	0.00	359.86
Total	1.32	3.17	2.58	0.00		0.18	0.18		0.18	0.18	0.00	359.26	359.26	0.03	0.00	359.86

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.00	0.00
Vendor	0.10	1.03	0.78	0.00	0.06	0.03	0.09	0.01	0.03	0.04	0.00	220.38	220.38	0.00	0.00	220.47
Worker	0.19	0.19	2.05	0.00	0.42	0.02	0.44	0.02	0.02	0.04	0.00	397.94	397.94	0.02	0.00	398.34
Total	0.29	1.22	2.83	0.00	0.48	0.05	0.53	0.03	0.05	0.08	0.00	618.32	618.32	0.02	0.00	618.81

3.13 11 Building Construction Phase 2 - 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	0.21	1.56	1.21	0.00		0.10	0.10		0.10	0.10	0.00	181.69	181.69	0.02	0.00	182.06
Total	0.21	1.56	1.21	0.00		0.10	0.10		0.10	0.10	0.00	181.69	181.69	0.02	0.00	182.06

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.06	0.63	0.46	0.00	0.04	0.02	0.06	0.00	0.02	0.02	0.00	110.90	110.90	0.00	0.00	110.96
Worker	0.11	0.11	1.22	0.00	0.28	0.01	0.29	0.01	0.01	0.02	0.00	211.71	211.71	0.01	0.00	211.95
Total	0.17	0.74	1.68	0.00	0.32	0.03	0.35	0.01	0.03	0.04	0.00	322.61	322.61	0.01	0.00	322.91

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	0.67	1.60	1.30	0.00		0.09	0.09		0.09	0.09	0.00	181.69	181.69	0.02	0.00	182.06
Total	0.67	1.60	1.30	0.00		0.09	0.09		0.09	0.09	0.00	181.69	181.69	0.02	0.00	182.06

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.06	0.63	0.46	0.00	0.03	0.02	0.05	0.00	0.02	0.02	0.00	110.90	110.90	0.00	0.00	110.96
Worker	0.11	0.11	1.22	0.00	0.21	0.01	0.22	0.01	0.01	0.02	0.00	211.71	211.71	0.01	0.00	211.95
Total	0.17	0.74	1.68	0.00	0.24	0.03	0.27	0.01	0.03	0.04	0.00	322.61	322.61	0.01	0.00	322.91

3.13 11 Building Construction Phase 2 - 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	0.58	4.18	3.57	0.01		0.26	0.26		0.26	0.26	0.00	538.89	538.89	0.05	0.00	539.88
Total	0.58	4.18	3.57	0.01		0.26	0.26		0.26	0.26	0.00	538.89	538.89	0.05	0.00	539.88

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	0.00	0.00
Vendor	0.17	1.69	1.26	0.00	0.11	0.06	0.17	0.01	0.06	0.07	0.00	330.00	330.00	0.01	0.00	330.15
Worker	0.31	0.30	3.34	0.01	0.84	0.03	0.87	0.03	0.03	0.06	0.00	613.96	613.96	0.03	0.00	614.62
Total	0.48	1.99	4.60	0.01	0.95	0.09	1.04	0.04	0.09	0.13	0.00	943.96	943.96	0.04	0.00	944.77

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					
Off-Road	1.98	4.75	3.87	0.01		0.26	0.26		0.26	0.26	0.00	538.89	538.89	0.05	0.00	539.88
Total	1.98	4.75	3.87	0.01		0.26	0.26		0.26	0.26	0.00	538.89	538.89	0.05	0.00	539.88

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	0.00	0.00

Vendor	0.17	1.69	1.26	0.00	0.09	0.06	0.14	0.01	0.06	0.07	0.00	330.00	330.00	0.01	0.00	330.15
Worker	0.31	0.30	3.34	0.01	0.63	0.03	0.66	0.03	0.03	0.06	0.00	613.96	613.96	0.03	0.00	614.62
Total	0.48	1.99	4.60	0.01	0.72	0.09	0.80	0.04	0.09	0.13	0.00	943.96	943.96	0.04	0.00	944.77

3.14 06 Architectural Coating Phase 1 - 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					
Archit. Coating	0.97					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.10	0.61	0.42	0.00		0.05	0.05		0.05	0.05	0.00	56.10	56.10	0.01	0.00	56.27
Total	1.07	0.61	0.42	0.00		0.05	0.05		0.05	0.05	0.00	56.10	56.10	0.01	0.00	56.27

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	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	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	0.00	0.00
Worker	0.02	0.02	0.24	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	42.34	42.34	0.00	0.00	42.39
Total	0.02	0.02	0.24	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	42.34	42.34	0.00	0.00	42.39

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	0.97					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.32	0.53	0.40	0.00		0.03	0.03		0.03	0.03	0.00	56.10	56.10	0.01	0.00	56.27
Total	1.29	0.53	0.40	0.00		0.03	0.03		0.03	0.03	0.00	56.10	56.10	0.01	0.00	56.27

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	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	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	0.00	0.00
Worker	0.02	0.02	0.24	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	42.34	42.34	0.00	0.00	42.39
Total	0.02	0.02	0.24	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	42.34	42.34	0.00	0.00	42.39

3.14 06 Architectural Coating Phase 1 - 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					
Archit. Coating	2.86					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.26	1.68	1.24	0.00		0.14	0.14		0.14	0.14	0.00	166.40	166.40	0.02	0.00	166.86
Total	3.12	1.68	1.24	0.00		0.14	0.14		0.14	0.14	0.00	166.40	166.40	0.02	0.00	166.86

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	0.00	0.00
Worker	0.06	0.06	0.67	0.00	0.17	0.01	0.17	0.01	0.01	0.01	0.00	122.79	122.79	0.01	0.00	122.92
Total	0.06	0.06	0.67	0.00	0.17	0.01	0.17	0.01	0.01	0.01	0.00	122.79	122.79	0.01	0.00	122.92

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.86					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.94	1.58	1.19	0.00		0.10	0.10		0.10	0.10	0.00	166.40	166.40	0.02	0.00	166.86
Total	3.80	1.58	1.19	0.00		0.10	0.10		0.10	0.10	0.00	166.40	166.40	0.02	0.00	166.86

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	0.00	0.00
Worker	0.06	0.06	0.67	0.00	0.13	0.01	0.13	0.01	0.01	0.01	0.00	122.79	122.79	0.01	0.00	122.92

Total	0.06	0.06	0.67	0.00	0.13	0.01	0.13	0.01	0.01	0.01	0.00	122.79	122.79	0.01	0.00	122.92
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	---------------	---------------	-------------	-------------	---------------

3.14 06 Architectural Coating Phase 1 - 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	1.91					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.16	1.03	0.82	0.00		0.09	0.09		0.09	0.09	0.00	110.93	110.93	0.01	0.00	111.21
Total	2.07	1.03	0.82	0.00		0.09	0.09		0.09	0.09	0.00	110.93	110.93	0.01	0.00	111.21

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	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	0.00	0.00
Worker	0.04	0.04	0.41	0.00	0.11	0.00	0.12	0.00	0.00	0.01	0.00	79.59	79.59	0.00	0.00	79.67
Total	0.04	0.04	0.41	0.00	0.11	0.00	0.12	0.00	0.00	0.01	0.00	79.59	79.59	0.00	0.00	79.67

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					

Archit. Coating	1.91					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.62	1.05	0.80	0.00		0.06	0.06		0.06	0.06	0.00	110.93	110.93	0.01	0.00	111.21
Total	2.53	1.05	0.80	0.00		0.06	0.06		0.06	0.06	0.00	110.93	110.93	0.01	0.00	111.21

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	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	0.00	0.00
Worker	0.04	0.04	0.41	0.00	0.08	0.00	0.09	0.00	0.00	0.01	0.00	79.59	79.59	0.00	0.00	79.67
Total	0.04	0.04	0.41	0.00	0.08	0.00	0.09	0.00	0.00	0.01	0.00	79.59	79.59	0.00	0.00	79.67

3.15 12 Architectural Coating Phase 2 - 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					
Archit. Coating	1.45					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.10	0.61	0.42	0.00		0.05	0.05		0.05	0.05	0.00	56.10	56.10	0.01	0.00	56.27
Total	1.55	0.61	0.42	0.00		0.05	0.05		0.05	0.05	0.00	56.10	56.10	0.01	0.00	56.27

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	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	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	0.00	0.00
Worker	0.02	0.02	0.24	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	42.34	42.34	0.00	0.00	42.39
Total	0.02	0.02	0.24	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	42.34	42.34	0.00	0.00	42.39

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	1.45					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.32	0.53	0.40	0.00		0.03	0.03		0.03	0.03	0.00	56.10	56.10	0.01	0.00	56.27
Total	1.77	0.53	0.40	0.00		0.03	0.03		0.03	0.03	0.00	56.10	56.10	0.01	0.00	56.27

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	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	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	0.00	0.00
Worker	0.02	0.02	0.24	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	42.34	42.34	0.00	0.00	42.39
Total	0.02	0.02	0.24	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	42.34	42.34	0.00	0.00	42.39

3.15 12 Architectural Coating Phase 2 - 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					
Archit. Coating	4.29					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.26	1.68	1.24	0.00		0.14	0.14		0.14	0.14	0.00	166.40	166.40	0.02	0.00	166.86
Total	4.55	1.68	1.24	0.00		0.14	0.14		0.14	0.14	0.00	166.40	166.40	0.02	0.00	166.86

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	0.00	0.00
Worker	0.06	0.06	0.67	0.00	0.17	0.01	0.17	0.01	0.01	0.01	0.00	122.79	122.79	0.01	0.00	122.92
Total	0.06	0.06	0.67	0.00	0.17	0.01	0.17	0.01	0.01	0.01	0.00	122.79	122.79	0.01	0.00	122.92

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.29					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Off-Road	0.94	1.58	1.19	0.00		0.10	0.10		0.10	0.10	0.00	166.40	166.40	0.02	0.00	166.86
Total	5.23	1.58	1.19	0.00		0.10	0.10		0.10	0.10	0.00	166.40	166.40	0.02	0.00	166.86

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	0.00	0.00
Worker	0.06	0.06	0.67	0.00	0.13	0.01	0.13	0.01	0.01	0.01	0.00	122.79	122.79	0.01	0.00	122.92
Total	0.06	0.06	0.67	0.00	0.13	0.01	0.13	0.01	0.01	0.01	0.00	122.79	122.79	0.01	0.00	122.92

3.16 16 Paving Phase 3 - 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	0.36	2.48	1.56	0.00		0.16	0.16		0.16	0.16	0.00	285.04	285.04	0.03	0.00	285.65
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.36	2.48	1.56	0.00		0.16	0.16		0.16	0.16	0.00	285.04	285.04	0.03	0.00	285.65

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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.72	15.72	0.00	0.00	15.73
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.72	15.72	0.00	0.00	15.73

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Off-Road	1.25	2.51	1.83	0.00		0.12	0.12		0.12	0.12	0.00	285.04	285.04	0.03	0.00	285.65
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.25	2.51	1.83	0.00		0.12	0.12		0.12	0.12	0.00	285.04	285.04	0.03	0.00	285.65

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.72	15.72	0.00	0.00	15.73
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.72	15.72	0.00	0.00	15.73

3.16 16 Paving Phase 3 - 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	0.37	2.47	1.69	0.00		0.16	0.16		0.16	0.16	0.00	311.28	311.28	0.03	0.00	311.91
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.37	2.47	1.69	0.00		0.16	0.16		0.16	0.16	0.00	311.28	311.28	0.03	0.00	311.91

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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	16.69	16.69	0.00	0.00	16.70
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	16.69	16.69	0.00	0.00	16.70

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	1.36	2.74	1.99	0.00		0.14	0.14		0.14	0.14	0.00	311.28	311.28	0.03	0.00	311.91
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.36	2.74	1.99	0.00		0.14	0.14		0.14	0.14	0.00	311.28	311.28	0.03	0.00	311.91

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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	16.69	16.69	0.00	0.00	16.70
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	16.69	16.69	0.00	0.00	16.70

3.16 16 Paving Phase 3 - 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	0.17	1.12	0.84	0.00		0.07	0.07		0.07	0.07	0.00	155.04	155.04	0.01	0.00	155.34
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.17	1.12	0.84	0.00		0.07	0.07		0.07	0.07	0.00	155.04	155.04	0.01	0.00	155.34

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.13	8.13	0.00	0.00	8.14
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.13	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					
Off-Road	0.68	1.36	0.99	0.00		0.07	0.07		0.07	0.07	0.00	155.04	155.04	0.01	0.00	155.34
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.68	1.36	0.99	0.00		0.07	0.07		0.07	0.07	0.00	155.04	155.04	0.01	0.00	155.34

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.13	8.13	0.00	0.00	8.14
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.13	8.13	0.00	0.00	8.14

3.17 15 Precise Grading Phase 3 - 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					
Fugitive Dust					0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.29	2.05	1.54	0.00		0.11	0.11		0.11	0.11	0.00	281.94	281.94	0.02	0.00	282.44
Total	0.29	2.05	1.54	0.00	0.04	0.11	0.15	0.00	0.11	0.11	0.00	281.94	281.94	0.02	0.00	282.44

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	0.01	0.02	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.68	0.68	0.00	0.00	0.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	16.62	16.62	0.00	0.00	16.64
Total	0.01	0.02	0.11	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	17.30	17.30	0.00	0.00	17.32

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					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.05	2.43	1.83	0.00		0.12	0.12		0.12	0.12	0.00	281.94	281.94	0.02	0.00	282.44
Total	1.05	2.43	1.83	0.00	0.02	0.12	0.14	0.00	0.12	0.12	0.00	281.94	281.94	0.02	0.00	282.44

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	0.01	0.02	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.68	0.68	0.00	0.00	0.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	16.62	16.62	0.00	0.00	16.64
Total	0.01	0.02	0.11	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	17.30	17.30	0.00	0.00	17.32

3.17 15 Precise Grading Phase 3 - 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					
Fugitive Dust					0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.32	2.19	1.83	0.00		0.11	0.11		0.11	0.11	0.00	336.02	336.02	0.03	0.00	336.56
Total	0.32	2.19	1.83	0.00	0.04	0.11	0.15	0.00	0.11	0.11	0.00	336.02	336.02	0.03	0.00	336.56

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	0.02	0.02	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.84	0.84	0.00	0.00	0.84
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	0.00	0.00
Worker	0.01	0.01	0.10	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	19.26	19.26	0.00	0.00	19.27

Total	0.01	0.03	0.12	0.00	0.07	0.00	0.07	0.00	0.00	0.00	0.00	20.10	20.10	0.00	0.00	20.11
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--------------	--------------	-------------	-------------	--------------

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					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.25	2.90	2.18	0.00		0.15	0.15		0.15	0.15	0.00	336.02	336.02	0.03	0.00	336.56
Total	1.25	2.90	2.18	0.00	0.02	0.15	0.17	0.00	0.15	0.15	0.00	336.02	336.02	0.03	0.00	336.56

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	0.02	0.02	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.84	0.84	0.00	0.00	0.84
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	0.00	0.00
Worker	0.01	0.01	0.10	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	19.26	19.26	0.00	0.00	19.27
Total	0.01	0.03	0.12	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	20.10	20.10	0.00	0.00	20.11

3.17 15 Precise Grading Phase 3 - 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					

Fugitive Dust					0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.17	1.13	1.05	0.00		0.06	0.06		0.06	0.06	0.00	194.40	194.40	0.01	0.00	
Total	0.17	1.13	1.05	0.00	0.04	0.06	0.10	0.00	0.06	0.06	0.00	194.40	194.40	0.01	0.00	

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	0.01	0.01	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.50
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	0.00	0.00
Worker	0.01	0.00	0.05	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	10.90	10.90	0.00	0.00	10.91
Total	0.01	0.01	0.06	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	11.40	11.40	0.00	0.00	

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					
Fugitive Dust					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.72	1.68	1.26	0.00		0.08	0.08		0.08	0.08	0.00	194.40	194.40	0.01	0.00	
Total	0.72	1.68	1.26	0.00	0.02	0.08	0.10	0.00	0.08	0.08	0.00	194.40	194.40	0.01	0.00	

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	0.01	0.01	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.50
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	0.00	0.00
Worker	0.01	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	10.90	10.90	0.00	0.00	10.91
Total	0.01	0.01	0.06	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	11.40	11.40	0.00	0.00	11.41

3.18 17 Building Construction Phase 3 - 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	0.49	3.50	3.00	0.01		0.22	0.22		0.22	0.22	0.00	452.17	452.17	0.04	0.00	453.00
Total	0.49	3.50	3.00	0.01		0.22	0.22		0.22	0.22	0.00	452.17	452.17	0.04	0.00	453.00

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	0.00	0.00
Vendor	0.14	1.42	1.06	0.00	0.10	0.05	0.14	0.01	0.05	0.05	0.00	276.89	276.89	0.01	0.00	277.02
Worker	0.26	0.26	2.80	0.01	0.71	0.03	0.73	0.03	0.03	0.05	0.00	515.16	515.16	0.03	0.00	515.71
Total	0.40	1.68	3.86	0.01	0.81	0.08	0.87	0.04	0.08	0.10	0.00	792.05	792.05	0.04	0.00	792.73

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	1.66	3.99	3.25	0.01		0.22	0.22		0.22	0.22	0.00	452.17	452.17	0.04	0.00	453.00
Total	1.66	3.99	3.25	0.01		0.22	0.22		0.22	0.22	0.00	452.17	452.17	0.04	0.00	453.00

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	0.00	0.00
Vendor	0.14	1.42	1.06	0.00	0.07	0.05	0.12	0.01	0.05	0.05	0.00	276.89	276.89	0.01	0.00	277.02
Worker	0.26	0.26	2.80	0.01	0.53	0.03	0.56	0.03	0.03	0.05	0.00	515.16	515.16	0.03	0.00	515.71
Total	0.40	1.68	3.86	0.01	0.60	0.08	0.68	0.04	0.08	0.10	0.00	792.05	792.05	0.04	0.00	792.73

3.18 17 Building Construction Phase 3 - 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	0.53	3.78	3.56	0.01		0.23	0.23		0.23	0.23	0.00	538.89	538.89	0.04	0.00	539.79
Total	0.53	3.78	3.56	0.01		0.23	0.23		0.23	0.23	0.00	538.89	538.89	0.04	0.00	539.79

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.15	1.55	1.17	0.00	0.11	0.05	0.16	0.01	0.05	0.06	0.00	330.57	330.57	0.01	0.00	330.71
Worker	0.29	0.28	3.08	0.01	0.84	0.03	0.87	0.03	0.03	0.06	0.00	596.91	596.91	0.03	0.00	597.52
Total	0.44	1.83	4.25	0.01	0.95	0.08	1.03	0.04	0.08	0.12	0.00	927.48	927.48	0.04	0.00	928.23

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.98	4.75	3.87	0.01		0.26	0.26		0.26	0.26	0.00	538.89	538.89	0.04	0.00	539.79
Total	1.98	4.75	3.87	0.01		0.26	0.26		0.26	0.26	0.00	538.89	538.89	0.04	0.00	539.79

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.15	1.55	1.17	0.00	0.09	0.05	0.14	0.01	0.05	0.06	0.00	330.57	330.57	0.01	0.00	330.71

Worker	0.29	0.28	3.08	0.01	0.63	0.03	0.66	0.03	0.03	0.06	0.00	596.91	596.91	0.03	0.00	597.52
Total	0.44	1.83	4.25	0.01	0.72	0.08	0.80	0.04	0.08	0.12	0.00	927.48	927.48	0.04	0.00	928.23

3.18 17 Building Construction Phase 3 - 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	0.28	1.97	2.05	0.00		0.12	0.12		0.12	0.12	0.00	311.77	311.77	0.02	0.00	312.24
Total	0.28	1.97	2.05	0.00		0.12	0.12		0.12	0.12	0.00	311.77	311.77	0.02	0.00	312.24

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	0.00	0.00
Vendor	0.08	0.83	0.63	0.00	0.07	0.03	0.09	0.01	0.03	0.03	0.00	191.77	191.77	0.00	0.00	191.85
Worker	0.16	0.15	1.65	0.00	0.49	0.02	0.51	0.02	0.02	0.04	0.00	337.86	337.86	0.02	0.00	338.19
Total	0.24	0.98	2.28	0.00	0.56	0.05	0.60	0.03	0.05	0.07	0.00	529.63	529.63	0.02	0.00	530.04

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	1.15	2.75	2.24	0.00		0.15	0.15		0.15	0.15	0.00	311.77	311.77	0.02	0.00	312.24
Total	1.15	2.75	2.24	0.00		0.15	0.15		0.15	0.15	0.00	311.77	311.77	0.02	0.00	312.24

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	0.00	0.00
Vendor	0.08	0.83	0.63	0.00	0.05	0.03	0.08	0.01	0.03	0.03	0.00	191.77	191.77	0.00	0.00	191.85
Worker	0.16	0.15	1.65	0.00	0.37	0.02	0.38	0.02	0.02	0.04	0.00	337.86	337.86	0.02	0.00	338.19
Total	0.24	0.98	2.28	0.00	0.42	0.05	0.46	0.03	0.05	0.07	0.00	529.63	529.63	0.02	0.00	530.04

3.19 18 Architectural Coating Phase 3 - 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					
Archit. Coating	1.99					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.22	1.41	1.04	0.00		0.12	0.12		0.12	0.12	0.00	139.62	139.62	0.02	0.00	140.01
Total	2.21	1.41	1.04	0.00		0.12	0.12		0.12	0.12	0.00	139.62	139.62	0.02	0.00	140.01

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	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	0.00	0.00
Worker	0.05	0.05	0.56	0.00	0.14	0.01	0.15	0.01	0.01	0.01	0.00	103.03	103.03	0.01	0.00	103.14
Total	0.05	0.05	0.56	0.00	0.14	0.01	0.15	0.01	0.01	0.01	0.00	103.03	103.03	0.01	0.00	103.14

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					
Archit. Coating	1.99					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.79	1.33	1.00	0.00		0.08	0.08		0.08	0.08	0.00	139.62	139.62	0.02	0.00	140.01
Total	2.78	1.33	1.00	0.00		0.08	0.08		0.08	0.08	0.00	139.62	139.62	0.02	0.00	140.01

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	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	0.00	0.00
Worker	0.05	0.05	0.56	0.00	0.11	0.01	0.11	0.01	0.01	0.01	0.00	103.03	103.03	0.01	0.00	103.14
Total	0.05	0.05	0.56	0.00	0.11	0.01	0.11	0.01	0.01	0.01	0.00	103.03	103.03	0.01	0.00	103.14

3.19 18 Architectural Coating Phase 3 - 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	2.37					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.24	1.55	1.23	0.00		0.13	0.13		0.13	0.13	0.00	166.40	166.40	0.02	0.00	166.81
Total	2.61	1.55	1.23	0.00		0.13	0.13		0.13	0.13	0.00	166.40	166.40	0.02	0.00	166.81

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	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	0.00	0.00
Worker	0.06	0.06	0.62	0.00	0.17	0.01	0.17	0.01	0.01	0.01	0.00	119.38	119.38	0.01	0.00	119.50
Total	0.06	0.06	0.62	0.00	0.17	0.01	0.17	0.01	0.01	0.01	0.00	119.38	119.38	0.01	0.00	119.50

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	2.37					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.94	1.58	1.19	0.00		0.10	0.10		0.10	0.10	0.00	166.40	166.40	0.02	0.00	166.81
Total	3.31	1.58	1.19	0.00		0.10	0.10		0.10	0.10	0.00	166.40	166.40	0.02	0.00	166.81

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	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	0.00	0.00
Worker	0.06	0.06	0.62	0.00	0.13	0.01	0.13	0.01	0.01	0.01	0.00	119.38	119.38	0.01	0.00	119.50
Total	0.06	0.06	0.62	0.00	0.13	0.01	0.13	0.01	0.01	0.01	0.00	119.38	119.38	0.01	0.00	119.50

3.19 18 Architectural Coating Phase 3 - 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					
Archit. Coating	1.37					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.13	0.82	0.70	0.00		0.07	0.07		0.07	0.07	0.00	96.27	96.27	0.01	0.00	96.48
Total	1.50	0.82	0.70	0.00		0.07	0.07		0.07	0.07	0.00	96.27	96.27	0.01	0.00	96.48

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	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	0.00	0.00
Worker	0.03	0.03	0.33	0.00	0.10	0.00	0.10	0.00	0.00	0.01	0.00	67.57	67.57	0.00	0.00	67.64
Total	0.03	0.03	0.33	0.00	0.10	0.00	0.10	0.00	0.00	0.01	0.00	67.57	67.57	0.00	0.00	67.64

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	1.37					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.54	0.91	0.69	0.00		0.06	0.06		0.06	0.06	0.00	96.27	96.27	0.01	0.00	96.48
Total	1.91	0.91	0.69	0.00		0.06	0.06		0.06	0.06	0.00	96.27	96.27	0.01	0.00	96.48

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	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	0.00	0.00
Worker	0.03	0.03	0.33	0.00	0.07	0.00	0.08	0.00	0.00	0.01	0.00	67.57	67.57	0.00	0.00	67.64
Total	0.03	0.03	0.33	0.00	0.07	0.00	0.08	0.00	0.00	0.01	0.00	67.57	67.57	0.00	0.00	67.64

**Portola Center Operations
Orange County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
City Park	5.6	Acre
User Defined Recreational	5	User Defined Unit
Apartments Low Rise	331	Dwelling Unit
Single Family Housing	617	Dwelling Unit
Strip Mall	10	1000sqft

1.2 Other Project Characteristics

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

1.3 User Entered Comments

Project Characteristics -
 Land Use - Recreation = 5 acre active public neighborhood park and 5.6 acres of neighborhood park
 Construction Phase - operations run
 Vehicle Trips - Trip Rates per Traffic Study
 Water And Wastewater - park usage

- Solid Waste - included gen rate for park
- Mobile Land Use Mitigation -
- Area Mitigation -
- Energy Mitigation -
- Water Mitigation -
- Waste Mitigation -

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	135.23	5.55	393.33	0.76		0.00	50.56		0.00	50.55	6,689.78	17,206.54		26.62	0.41	24,582.30
Energy	0.96	8.17	3.48	0.05		0.00	0.66		0.00	0.66		10,424.56		0.20	0.19	10,488.00
Mobile	43.56	74.29	364.40	0.89	106.40	4.47	110.87	1.47	3.91	5.39		75,737.52		3.23		75,805.25
Total	179.75	88.01	761.21	1.70	106.40	4.47	162.09	1.47	3.91	56.60	6,689.78	103,368.62		30.05	0.60	110,875.55

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	35.98	0.92	79.62	0.00		0.00	1.58		0.00	1.57	0.00	18,210.31		0.49	0.33	18,323.20
Energy	0.83	7.11	3.03	0.05		0.00	0.58		0.00	0.58		9,082.49		0.17	0.17	9,137.76

Mobile	39.08	65.43	322.61	0.76	90.98	3.85	94.82	1.26	3.37	4.63		65,011.16		2.80		65,070.00
Total	75.89	73.46	405.26	0.81	90.98	3.85	96.98	1.26	3.37	6.78	0.00	92,303.96		3.46	0.50	92,530.96

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

- Increase Density
- Increase Diversity
- Integrate Below Market Rate Housing
- Improve Pedestrian Network
- Provide Traffic Calming Measures

	ROG	NOx	CO	SO2	Fugitive 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	39.08	65.43	322.61	0.76	90.98	3.85	94.82	1.26	3.37	4.63		65,011.16		2.80		65,070.00
Unmitigated	43.56	74.29	364.40	0.89	106.40	4.47	110.87	1.47	3.91	5.39		75,737.52		3.23		75,805.25
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Apartments Low Rise	2,697.65	2,697.65	2697.65	8,984,724	7,681,939
City Park	8.90	8.90	8.90	25,399	21,716
Single Family Housing	5,904.69	5,904.69	5904.69	19,666,010	16,814,439
Strip Mall	1,520.00	1,520.00	1520.00	3,492,154	2,985,792
User Defined Recreational	0.00	0.00	0.00		
Total	10,131.24	10,131.24	10,131.24	32,168,288	27,503,886

4.3 Trip Type Information

Land Use	Miles			Trip %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Apartments Low Rise	12.70	7.00	9.50	40.20	19.20	40.60
City Park	8.90	13.30	7.40	33.00	48.00	19.00
Single Family Housing	12.70	7.00	9.50	40.20	19.20	40.60
Strip Mall	8.90	13.30	7.40	16.60	64.40	19.00
User Defined Recreational	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Natural Gas Mitigated	0.83	7.11	3.03	0.05		0.00	0.58		0.00	0.58		9,082.49		0.17	0.17	9,137.76

NaturalGas Unmitigated	0.96	8.17	3.48	0.05		0.00	0.66		0.00	0.66		10,424.56		0.20	0.19	10,488.00
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	lb/day										lb/day					
Apartments Low Rise	17072.9	0.18	1.57	0.67	0.01		0.00	0.13		0.00	0.13		2,008.58		0.04	0.04	2,020.80
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
Single Family Housing	71479.7	0.77	6.59	2.80	0.04		0.00	0.53		0.00	0.53		8,409.37		0.16	0.15	8,460.55
Strip Mall	56.1644	0.00	0.01	0.00	0.00		0.00	0.00		0.00	0.00		6.61		0.00	0.00	6.65
User Defined Recreational	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		0.95	8.17	3.47	0.05		0.00	0.66		0.00	0.66		10,424.56		0.20	0.19	10,488.00

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	lb/day										lb/day					
Apartments Low Rise	14.8872	0.16	1.37	0.58	0.01		0.00	0.11		0.00	0.11		1,751.44		0.03	0.03	1,762.10
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
Single Family Housing	62.2618	0.67	5.74	2.44	0.04		0.00	0.46		0.00	0.46		7,324.92		0.14	0.13	7,369.50
Strip Mall	0.0520548	0.00	0.01	0.00	0.00		0.00	0.00		0.00	0.00		6.12		0.00	0.00	6.16
User Defined Recreational	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		0.83	7.12	3.02	0.05		0.00	0.57		0.00	0.57		9,082.48		0.17	0.16	9,137.76

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive 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	35.98	0.92	79.62	0.00		0.00	1.58		0.00	1.57	0.00	18,210.31		0.49	0.33	18,323.20
Unmitigated	135.23	5.55	393.33	0.76		0.00	50.56		0.00	50.55	6,689.78	17,206.54		26.62	0.41	24,582.30
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	3.15					0.00	0.00		0.00	0.00						0.00
Consumer Products	28.74					0.00	0.00		0.00	0.00						0.00
Hearth	100.90	4.63	313.80	0.76		0.00	50.13		0.00	50.12	6,689.78	17,064.00		26.48	0.41	24,436.82
Landscaping	2.43	0.92	79.53	0.00		0.00	0.43		0.00	0.43		142.54		0.14		145.48
Total	135.22	5.55	393.33	0.76		0.00	50.56		0.00	50.55	6,689.78	17,206.54		26.62	0.41	24,582.30

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	3.15					0.00	0.00		0.00	0.00							0.00
Consumer Products	28.74					0.00	0.00		0.00	0.00							0.00
Hearth	1.66	0.00	0.09	0.00		0.00	1.14		0.00	1.13	0.00	18,067.76		0.35	0.33		18,177.72
Landscaping	2.43	0.92	79.53	0.00		0.00	0.43		0.00	0.43		142.54		0.14			145.48
Total	35.98	0.92	79.62	0.00		0.00	1.57		0.00	1.56	0.00	18,210.30		0.49	0.33		18,323.20

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Vegetation

**Portola Center Operations
Orange County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
City Park	5.6	Acre
User Defined Recreational	5	User Defined Unit
Apartments Low Rise	331	Dwelling Unit
Single Family Housing	617	Dwelling Unit
Strip Mall	10	1000sqft

1.2 Other Project Characteristics

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

1.3 User Entered Comments

Project Characteristics -
 Land Use - Recreation = 5 acre active public neighborhood park and 5.6 acres of neighborhood park
 Construction Phase - operations run
 Vehicle Trips - Trip Rates per Traffic Study
 Water And Wastewater - park usage

Solid Waste - included gen rate for park

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	135.23	5.55	393.33	0.76		0.00	50.56		0.00	50.55	6,689.78	17,206.54		26.62	0.41	24,582.30
Energy	0.96	8.17	3.48	0.05		0.00	0.66		0.00	0.66		10,424.56		0.20	0.19	10,488.00
Mobile	40.41	68.32	372.49	0.94	106.40	4.45	110.86	1.47	3.90	5.38		80,189.61		3.17		80,256.28
Total	176.60	82.04	769.30	1.75	106.40	4.45	162.08	1.47	3.90	56.59	6,689.78	107,820.71		29.99	0.60	115,326.58

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	35.98	0.92	79.62	0.00		0.00	1.58		0.00	1.57	0.00	18,210.31		0.49	0.33	18,323.20
Energy	0.83	7.11	3.03	0.05		0.00	0.58		0.00	0.58		9,082.49		0.17	0.17	9,137.76

Mobile	36.45	60.35	327.09	0.81	90.98	3.84	94.81	1.26	3.36	4.62		68,824.39		2.75		68,882.17
Total	73.26	68.38	409.74	0.86	90.98	3.84	96.97	1.26	3.36	6.77	0.00	96,117.19		3.41	0.50	96,343.13

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

- Increase Density
- Increase Diversity
- Integrate Below Market Rate Housing
- Improve Pedestrian Network
- Provide Traffic Calming Measures

	ROG	NOx	CO	SO2	Fugitive 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	36.45	60.35	327.09	0.81	90.98	3.84	94.81	1.26	3.36	4.62		68,824.39		2.75		68,882.17
Unmitigated	40.41	68.32	372.49	0.94	106.40	4.45	110.86	1.47	3.90	5.38		80,189.61		3.17		80,256.28
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	2,697.65	2,697.65	2697.65	8,984,724	7,681,939

City Park	8.90	8.90	8.90	25,399	21,716
Single Family Housing	5,904.69	5,904.69	5,904.69	19,666,010	16,814,439
Strip Mall	1,520.00	1,520.00	1,520.00	3,492,154	2,985,792
User Defined Recreational	0.00	0.00	0.00		
Total	10,131.24	10,131.24	10,131.24	32,168,288	27,503,886

4.3 Trip Type Information

Land Use	Miles			Trip %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Apartments Low Rise	12.70	7.00	9.50	40.20	19.20	40.60
City Park	8.90	13.30	7.40	33.00	48.00	19.00
Single Family Housing	12.70	7.00	9.50	40.20	19.20	40.60
Strip Mall	8.90	13.30	7.40	16.60	64.40	19.00
User Defined Recreational	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.83	7.11	3.03	0.05		0.00	0.58		0.00	0.58			9,082.49	0.17	0.17	9,137.76

NaturalGas Unmitigated	0.96	8.17	3.48	0.05		0.00	0.66		0.00	0.66		10,424.56		0.20	0.19	10,488.00
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	lb/day										lb/day					
Apartments Low Rise	17072.9	0.18	1.57	0.67	0.01		0.00	0.13		0.00	0.13		2,008.58		0.04	0.04	2,020.80
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
Single Family Housing	71479.7	0.77	6.59	2.80	0.04		0.00	0.53		0.00	0.53		8,409.37		0.16	0.15	8,460.55
Strip Mall	56.1644	0.00	0.01	0.00	0.00		0.00	0.00		0.00	0.00		6.61		0.00	0.00	6.65
User Defined Recreational	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		0.95	8.17	3.47	0.05		0.00	0.66		0.00	0.66		10,424.56		0.20	0.19	10,488.00

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	lb/day										lb/day					
Apartments Low Rise	14.8872	0.16	1.37	0.58	0.01		0.00	0.11		0.00	0.11		1,751.44		0.03	0.03	1,762.10
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
Single Family Housing	62.2618	0.67	5.74	2.44	0.04		0.00	0.46		0.00	0.46		7,324.92		0.14	0.13	7,369.50
Strip Mall	0.0520548	0.00	0.01	0.00	0.00		0.00	0.00		0.00	0.00		6.12		0.00	0.00	6.16
User Defined Recreational	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		0.83	7.12	3.02	0.05		0.00	0.57		0.00	0.57		9,082.48		0.17	0.16	9,137.76

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive 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	35.98	0.92	79.62	0.00		0.00	1.58		0.00	1.57	0.00	18,210.31		0.49	0.33	18,323.20
Unmitigated	135.23	5.55	393.33	0.76		0.00	50.56		0.00	50.55	6,689.78	17,206.54		26.62	0.41	24,582.30
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	3.15					0.00	0.00		0.00	0.00						0.00
Consumer Products	28.74					0.00	0.00		0.00	0.00						0.00
Hearth	100.90	4.63	313.80	0.76		0.00	50.13		0.00	50.12	6,689.78	17,064.00		26.48	0.41	24,436.82
Landscaping	2.43	0.92	79.53	0.00		0.00	0.43		0.00	0.43		142.54		0.14		145.48
Total	135.22	5.55	393.33	0.76		0.00	50.56		0.00	50.55	6,689.78	17,206.54		26.62	0.41	24,582.30

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	3.15					0.00	0.00		0.00	0.00							0.00
Consumer Products	28.74					0.00	0.00		0.00	0.00							0.00
Hearth	1.66	0.00	0.09	0.00		0.00	1.14		0.00	1.13	0.00	18,067.76		0.35	0.33		18,177.72
Landscaping	2.43	0.92	79.53	0.00		0.00	0.43		0.00	0.43		142.54		0.14			145.48
Total	35.98	0.92	79.62	0.00		0.00	1.57		0.00	1.56	0.00	18,210.30		0.49	0.33		18,323.20

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Vegetation

**Portola Center Operations
Orange County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
City Park	5.6	Acre
User Defined Recreational	5	User Defined Unit
Apartments Low Rise	331	Dwelling Unit
Single Family Housing	617	Dwelling Unit
Strip Mall	10	1000sqft

1.2 Other Project Characteristics

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

1.3 User Entered Comments

Project Characteristics -
 Land Use - Recreation = 5 acre active public neighborhood park and 5.6 acres of neighborhood park
 Construction Phase - operations run
 Vehicle Trips - Trip Rates per Traffic Study
 Water And Wastewater - park usage

Solid Waste - included gen rate for park

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	9.41	0.25	20.46	0.01		0.00	1.01		0.00	1.01	100.70	604.09	704.78	0.33	0.01	716.05
Energy	0.17	1.49	0.63	0.01		0.00	0.12		0.00	0.12	0.00	3,262.09	3,262.09	0.10	0.06	3,282.22
Mobile	7.38	12.46	67.34	0.17	17.52	0.81	18.33	0.27	0.71	0.98	0.00	12,738.98	12,738.98	0.53	0.00	12,750.15
Waste						0.00	0.00		0.00	0.00	180.13	0.00	180.13	10.65	0.00	403.68
Water						0.00	0.00		0.00	0.00	0.00	407.86	407.86	1.93	0.05	465.15
Total	16.96	14.20	88.43	0.19	17.52	0.81	19.46	0.27	0.71	2.11	280.83	17,013.02	17,293.84	13.54	0.12	17,617.25

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	6.33	0.17	14.50	0.00		0.00	0.12		0.00	0.12	0.00	638.24	638.24	0.03	0.01	642.46
Energy	0.15	1.30	0.55	0.01		0.00	0.10		0.00	0.10	0.00	2,965.83	2,965.83	0.09	0.05	2,984.15
Mobile	6.64	11.01	59.55	0.14	14.98	0.70	15.68	0.23	0.61	0.84	0.00	10,934.66	10,934.66	0.46	0.00	10,944.36
Waste						0.00	0.00		0.00	0.00	90.06	0.00	90.06	5.32	0.00	201.84
Water						0.00	0.00		0.00	0.00	0.00	360.42	360.42	1.63	0.05	408.88
Total	13.12	12.48	74.60	0.15	14.98	0.70	15.90	0.23	0.61	1.06	90.06	14,899.15	14,989.21	7.53	0.11	15,181.69

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

- Increase Density
- Increase Diversity
- Integrate Below Market Rate Housing
- Improve Pedestrian Network
- Provide Traffic Calming Measures

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.64	11.01	59.55	0.14	14.98	0.70	15.68	0.23	0.61	0.84	0.00	10,934.66	10,934.66	0.46	0.00	10,944.36
Unmitigated	7.38	12.46	67.34	0.17	17.52	0.81	18.33	0.27	0.71	0.98	0.00	12,738.98	12,738.98	0.53	0.00	12,750.15
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	2,697.65	2,697.65	2697.65	8,984,724	7,681,939
City Park	8.90	8.90	8.90	25,399	21,716
Single Family Housing	5,904.69	5,904.69	5904.69	19,666,010	16,814,439
Strip Mall	1,520.00	1,520.00	1520.00	3,492,154	2,985,792
User Defined Recreational	0.00	0.00	0.00		
Total	10,131.24	10,131.24	10,131.24	32,168,288	27,503,886

4.3 Trip Type Information

Land Use	Miles			Trip %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Apartments Low Rise	12.70	7.00	9.50	40.20	19.20	40.60
City Park	8.90	13.30	7.40	33.00	48.00	19.00
Single Family Housing	12.70	7.00	9.50	40.20	19.20	40.60
Strip Mall	8.90	13.30	7.40	16.60	64.40	19.00
User Defined Recreational	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1,462.13	1,462.13	0.07	0.03	1,471.29
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	1,536.18	1,536.18	0.07	0.03	1,545.81
NaturalGas Mitigated	0.15	1.30	0.55	0.01		0.00	0.10		0.00	0.10	0.00	1,503.71	1,503.71	0.03	0.03	1,512.86
NaturalGas Unmitigated	0.17	1.49	0.63	0.01		0.00	0.12		0.00	0.12	0.00	1,725.90	1,725.90	0.03	0.03	1,736.41
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					
Apartments Low Rise	6.23161e+006	0.03	0.29	0.12	0.00		0.00	0.02		0.00	0.02	0.00	332.54	332.54	0.01	0.01	334.57
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	0.00	0.00
Single Family Housing	2.60901e+007	0.14	1.20	0.51	0.01		0.00	0.10		0.00	0.10	0.00	1,392.27	1,392.27	0.03	0.03	1,400.74
Strip Mall	20500	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	1.09	1.09	0.00	0.00	1.10
User Defined Recreational	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	0.00	0.00
Total		0.17	1.49	0.63	0.01		0.00	0.12		0.00	0.12	0.00	1,725.90	1,725.90	0.04	0.04	1,736.41

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					

Apartments Low Rise	5.43385e+006	0.03	0.25	0.11	0.00		0.00	0.02		0.00	0.02	0.00	289.97	289.97	0.01	0.01	291.74
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	0.00	0.00
Single Family Housing	2.27256e+007	0.12	1.05	0.45	0.01		0.00	0.08		0.00	0.08	0.00	1,212.72	1,212.72	0.02	0.02	1,220.10
Strip Mall	19000	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	1.01	1.01	0.00	0.00	1.02
User Defined Recreational	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	0.00	0.00
Total		0.15	1.30	0.56	0.01		0.00	0.10		0.00	0.10	0.00	1,503.70	1,503.70	0.03	0.03	1,512.86

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			
Apartments Low Rise	1.1716e+006					340.78	0.02	0.01	342.92
City Park	0					0.00	0.00	0.00	0.00
Single Family Housing	3.98173e+006					1,158.17	0.05	0.02	1,165.43
Strip Mall	128000					37.23	0.00	0.00	37.46
User Defined Recreational	0					0.00	0.00	0.00	0.00
Total						1,536.18	0.07	0.03	1,545.81

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Apartments Low Rise	1.11497e+006					324.31	0.01	0.01	326.35
City Park	0					0.00	0.00	0.00	0.00

Single Family Housing	3.79874e+006					1,104.94	0.05	0.02	1,111.87
Strip Mall	113000					32.87	0.00	0.00	33.07
User Defined Recreational	0					0.00	0.00	0.00	0.00
Total						1,462.12	0.06	0.03	1,471.29

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.33	0.17	14.50	0.00		0.00	0.12		0.00	0.12	0.00	638.24	638.24	0.03	0.01	642.46
Unmitigated	9.41	0.25	20.46	0.01		0.00	1.01		0.00	1.01	100.70	604.09	704.78	0.33	0.01	716.05
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	0.57					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	5.25					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	3.14	0.08	5.96	0.01		0.00	0.93		0.00	0.93	100.70	580.51	681.20	0.31	0.01	691.98
Landscaping	0.44	0.17	14.50	0.00		0.00	0.08		0.00	0.08	0.00	23.58	23.58	0.02	0.00	24.07
Total	9.40	0.25	20.46	0.01		0.00	1.01		0.00	1.01	100.70	604.09	704.78	0.33	0.01	716.05

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	0.57					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	5.25					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.06	0.00	0.00	0.00		0.00	0.04		0.00	0.04	0.00	614.66	614.66	0.01	0.01	618.40
Landscaping	0.44	0.17	14.50	0.00		0.00	0.08		0.00	0.08	0.00	23.58	23.58	0.02	0.00	24.07
Total	6.32	0.17	14.50	0.00		0.00	0.12		0.00	0.12	0.00	638.24	638.24	0.03	0.01	642.47

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Use Water Efficient Irrigation System

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					360.42	1.63	0.05	408.88
Unmitigated					407.86	1.93	0.05	465.15
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			
Apartments Low Rise	21.566 / 13.5959					125.86	0.66	0.02	145.53
City Park	0 / 6.6723					21.56	0.00	0.00	21.70
Single Family Housing	40.2 / 25.3435					234.60	1.24	0.03	271.27
Strip Mall	0.740725 / 0.453993					4.28	0.02	0.00	4.96
User Defined Recreational	0 / 6.67					21.55	0.00	0.00	21.69
Total						407.85	1.92	0.05	465.15

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Low Rise	18.2017 / 12.7666					110.40	0.56	0.02	127.03
City Park	0 / 6.26529					20.25	0.00	0.00	20.37
Single Family Housing	33.9288 / 23.7975					205.79	1.04	0.03	236.79
Strip Mall	0.625172 / 0.426299					3.75	0.02	0.00	4.32
User Defined Recreational	0 / 6.26313					20.24	0.00	0.00	20.37
Total						360.43	1.62	0.05	408.88

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					90.06	5.32	0.00	201.84
Unmitigated					180.13	10.65	0.00	403.68
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			
Apartments Low Rise	152.26					30.91	1.83	0.00	69.27
City Park	0.48					0.10	0.01	0.00	0.22
Single Family Housing	723.65					146.89	8.68	0.00	329.20
Strip Mall	10.5					2.13	0.13	0.00	4.78
User Defined Recreational	0.48					0.10	0.01	0.00	0.22
Total						180.13	10.66	0.00	403.69

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Apartments Low Rise	76.13					15.45	0.91	0.00	34.63
City Park	0.24					0.05	0.00	0.00	0.11
Single Family Housing	361.825					73.45	4.34	0.00	164.60
Strip Mall	5.25					1.07	0.06	0.00	2.39
User Defined Recreational	0.24					0.05	0.00	0.00	0.11
Total						90.07	5.31	0.00	201.84

9.0 Vegetation

**Portola Center NW Alt
Orange County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	81	Dwelling Unit
City Park	0.87	Acre

1.2 Other Project Characteristics

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

1.3 User Entered Comments

- Project Characteristics -
- Land Use -
- Construction Phase - schedule
- Grading - disturbed acres = 25.3
- Trips and VMT - balanced site, haul distance is cut/fill. 110,000 CY would be hauled off-site.
- Construction Off-road Equipment Mitigation -
- Area Mitigation -
- Water Mitigation -

- Waste Mitigation -
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment -

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	11.31	82.76	69.03	0.08	18.34	3.31	21.01	9.94	3.31	12.61	0.00	8,406.83	0.00	0.89	0.00	8,425.57
2014	19.38	125.98	80.99	0.16	350.57	7.00	357.57	3.46	7.00	10.46	0.00	16,230.95	0.00	1.42	0.00	16,260.87
2015	18.24	115.28	78.15	0.16	350.57	6.35	356.92	3.46	6.35	9.81	0.00	16,227.30	0.00	1.33	0.00	16,255.18
2016	14.00	86.39	61.13	0.14	350.34	4.13	354.47	3.45	4.13	7.58	0.00	14,073.40	0.00	0.95	0.00	14,093.40
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	8.58	51.10	71.55	0.08	7.93	2.53	9.66	4.26	2.53	5.99	0.00	8,406.83	0.00	0.89	0.00	8,425.57
2014	14.31	77.85	85.24	0.16	257.55	5.40	262.95	1.56	5.40	6.97	0.00	16,230.95	0.00	1.42	0.00	16,260.87
2015	14.10	75.72	83.86	0.16	257.55	5.32	262.87	1.56	5.32	6.88	0.00	16,227.30	0.00	1.33	0.00	16,255.18
2016	12.11	63.50	69.07	0.14	257.38	4.20	261.57	1.55	4.20	5.75	0.00	14,073.40	0.00	0.95	0.00	14,093.40
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

3.0 Construction Detail

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Use DPF for Construction Equipment
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 Site Preparation - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	6.70	54.15	30.68	0.05		2.66	2.66		2.66	2.66		5,413.51		0.60		5,426.15

Total	6.70	54.15	30.68	0.05	18.07	2.66	20.73	9.93	2.66	12.59		5,413.51		0.60		5,426.15
--------------	-------------	--------------	--------------	-------------	--------------	-------------	--------------	-------------	-------------	--------------	--	-----------------	--	-------------	--	-----------------

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.12	1.14	0.00	0.28	0.01	0.28	0.01	0.01	0.02		204.81		0.01		205.06
Total	0.11	0.12	1.14	0.00	0.28	0.01	0.28	0.01	0.01	0.02		204.81		0.01		205.06

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					7.72	0.00	7.72	4.25	0.00	4.25						0.00
Off-Road	4.01	25.55	26.92	0.05		1.72	1.72		1.72	1.72	0.00	5,413.51		0.60		5,426.15
Total	4.01	25.55	26.92	0.05	7.72	1.72	9.44	4.25	1.72	5.97	0.00	5,413.51		0.60		5,426.15

Mitigated Construction Off-Site

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

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
Worker	0.11	0.12	1.14	0.00	0.21	0.01	0.22	0.01	0.01	0.02		204.81		0.01		205.06
Total	0.11	0.12	1.14	0.00	0.21	0.01	0.22	0.01	0.01	0.02		204.81		0.01		205.06

3.3 Mass 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					6.55	0.00	6.55	3.36	0.00	3.36						0.00
Off-Road	7.94	65.32	35.42	0.07		3.07	3.07		3.07	3.07		7,272.09		0.71		7,287.00
Total	7.94	65.32	35.42	0.07	6.55	3.07	9.62	3.36	3.07	6.43		7,272.09		0.71		7,287.00

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.24	17.30	32.34	0.01	5.39	0.23	5.61	0.00	0.23	0.23		907.17		0.17		910.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.13	1.26	0.00	0.31	0.01	0.32	0.01	0.01	0.02		227.57		0.01		227.84
Total	3.37	17.43	33.60	0.01	5.70	0.24	5.93	0.01	0.24	0.25		1,134.74		0.18		1,138.57

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	lb/day										lb/day					
Fugitive Dust					2.80	0.00	2.80	1.44	0.00	1.44						0.00
Off-Road	5.22	33.66	37.95	0.07		2.30	2.30		2.30	2.30	0.00	7,272.09		0.71		7,287.00
Total	5.22	33.66	37.95	0.07	2.80	2.30	5.10	1.44	2.30	3.74	0.00	7,272.09		0.71		7,287.00

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.24	17.30	32.34	0.01	3.99	0.23	4.21	0.00	0.23	0.23		907.17		0.17		910.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.13	1.26	0.00	0.23	0.01	0.24	0.01	0.01	0.02		227.57		0.01		227.84
Total	3.37	17.43	33.60	0.01	4.22	0.24	4.45	0.01	0.24	0.25		1,134.74		0.18		1,138.57

3.3 Mass 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	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.36	0.00	3.36						0.00
Off-Road	7.52	60.75	34.08	0.07		2.80	2.80		2.80	2.80		7,272.08		0.67		7,286.20
Total	7.52	60.75	34.08	0.07	6.55	2.80	9.35	3.36	2.80	6.16		7,272.08		0.67		7,286.20

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.11	17.80	30.83	0.01	5.39	0.21	5.59	0.00	0.21	0.21		938.60		0.16		942.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.12	0.12	1.17	0.00	0.31	0.01	0.32	0.01	0.01	0.02		223.14		0.01		223.40
Total	3.23	17.92	32.00	0.01	5.70	0.22	5.91	0.01	0.22	0.23		1,161.74		0.17		1,165.40

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	lb/day										lb/day					
Fugitive Dust					2.80	0.00	2.80	1.44	0.00	1.44						0.00
Off-Road	5.22	33.66	37.95	0.07		2.30	2.30		2.30	2.30	0.00	7,272.08		0.67		7,286.20
Total	5.22	33.66	37.95	0.07	2.80	2.30	5.10	1.44	2.30	3.74	0.00	7,272.08		0.67		7,286.20

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.11	17.80	30.83	0.01	3.99	0.21	4.19	0.00	0.21	0.21		938.60		0.16		942.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.12	0.12	1.17	0.00	0.23	0.01	0.24	0.01	0.01	0.02		223.14		0.01		223.40

Total	3.23	17.92	32.00	0.01	4.22	0.22	4.43	0.01	0.22	0.23		1,161.74		0.17		1,165.40
--------------	-------------	--------------	--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	-----------------	--	-------------	--	-----------------

3.4 Paving - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.53	21.77	14.04	0.02		1.86	1.86		1.86	1.86		1,979.15		0.32		1,985.82
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.53	21.77	14.04	0.02		1.86	1.86		1.86	1.86		1,979.15		0.32		1,985.82

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55
Total	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55

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	1.74	10.45	12.89	0.02		1.04	1.04		1.04	1.04	0.00	1,979.15		0.32		1,985.82
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	1.74	10.45	12.89	0.02		1.04	1.04		1.04	1.04	0.00	1,979.15		0.32		1,985.82

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.17	0.01	0.18	0.01	0.01	0.02		167.36		0.01		167.55
Total	0.09	0.09	0.87	0.00	0.17	0.01	0.18	0.01	0.01	0.02		167.36		0.01		167.55

3.4 Paving - 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	lb/day										lb/day					
Off-Road	3.31	20.42	13.93	0.02		1.72	1.72		1.72	1.72		1,979.14		0.30		1,985.40
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.31	20.42	13.93	0.02		1.72	1.72		1.72	1.72		1,979.14		0.30		1,985.40

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.81	0.00	0.23	0.01	0.24	0.01	0.01	0.02		163.63		0.01		163.81
Total	0.08	0.08	0.81	0.00	0.23	0.01	0.24	0.01	0.01	0.02		163.63		0.01		163.81

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	1.74	10.45	12.89	0.02		1.04	1.04		1.04	1.04	0.00	1,979.14		0.30		1,985.40
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	1.74	10.45	12.89	0.02		1.04	1.04		1.04	1.04	0.00	1,979.14		0.30		1,985.40

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.81	0.00	0.17	0.01	0.18	0.01	0.01	0.02		163.63		0.01		163.81
Total	0.08	0.08	0.81	0.00	0.17	0.01	0.18	0.01	0.01	0.02		163.63		0.01		163.81

3.5 Precise 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	lb/day										lb/day					
Fugitive Dust					6.12	0.00	6.12	3.32	0.00	3.32						0.00
Off-Road	7.52	60.75	34.08	0.07		2.80	2.80		2.80	2.80		7,272.08		0.67		7,286.20
Total	7.52	60.75	34.08	0.07	6.12	2.80	8.92	3.32	2.80	6.12		7,272.08		0.67		7,286.20

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.62	16.86	10.51	0.03	343.29	0.64	343.93	0.10	0.64	0.74		2,899.93		0.08		2,901.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.12	0.12	1.17	0.00	0.31	0.01	0.32	0.01	0.01	0.02		223.14		0.01		223.40
Total	1.74	16.98	11.68	0.03	343.60	0.65	344.25	0.11	0.65	0.76		3,123.07		0.09		3,125.03

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					2.62	0.00	2.62	1.42	0.00	1.42						0.00

Off-Road	5.22	33.66	37.95	0.07		2.30	2.30		2.30	2.30	0.00	7,272.08		0.67		7,286.20
Total	5.22	33.66	37.95	0.07	2.62	2.30	4.92	1.42	2.30	3.72	0.00	7,272.08		0.67		7,286.20

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.62	16.86	10.51	0.03	254.06	0.64	254.70	0.10	0.64	0.74		2,899.93		0.08		2,901.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.12	0.12	1.17	0.00	0.23	0.01	0.24	0.01	0.01	0.02		223.14		0.01		223.40
Total	1.74	16.98	11.68	0.03	254.29	0.65	254.94	0.11	0.65	0.76		3,123.07		0.09		3,125.03

3.5 Precise Grading - 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	lb/day										lb/day					
Fugitive Dust					6.12	0.00	6.12	3.32	0.00	3.32						0.00
Off-Road	7.08	55.79	32.87	0.07		2.55	2.55		2.55	2.55		7,272.08		0.63		7,285.33
Total	7.08	55.79	32.87	0.07	6.12	2.55	8.67	3.32	2.55	5.87		7,272.08		0.63		7,285.33

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
--	-----	-----	----	-----	---------------	--------------	------------	----------------	---------------	-------------	----------	-----------	-----------	-----	-----	------

Category	lb/day										lb/day					
	Hauling	1.45	14.89	9.52	0.03	343.29	0.56	343.85	0.10	0.56	0.66		2,912.92		0.07	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.07	0.00	0.31	0.01	0.32	0.01	0.01	0.02		218.17		0.01		218.41
Total	1.56	15.00	10.59	0.03	343.60	0.57	344.17	0.11	0.57	0.68		3,131.09		0.08		3,132.84

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						
Fugitive Dust					2.62	0.00	2.62	1.42	0.00	1.42							0.00
Off-Road	5.22	33.66	37.95	0.07		2.30	2.30		2.30	2.30	0.00	7,272.08		0.63			7,285.33
Total	5.22	33.66	37.95	0.07	2.62	2.30	4.92	1.42	2.30	3.72	0.00	7,272.08		0.63			7,285.33

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.45	14.89	9.52	0.03	254.06	0.56	254.62	0.10	0.56	0.66		2,912.92		0.07		2,914.43
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.07	0.00	0.23	0.01	0.24	0.01	0.01	0.02		218.17		0.01		218.41
Total	1.56	15.00	10.59	0.03	254.29	0.57	254.86	0.11	0.57	0.68		3,131.09		0.08		3,132.84

3.5 Precise Grading - 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	lb/day										lb/day					
Fugitive Dust					6.12	0.00	6.12	3.32	0.00	3.32						0.00
Off-Road	6.67	51.14	31.79	0.07		2.30	2.30		2.30	2.30		7,272.08		0.60		7,284.60
Total	6.67	51.14	31.79	0.07	6.12	2.30	8.42	3.32	2.30	5.62		7,272.08		0.60		7,284.60

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	lb/day										lb/day					
Hauling	1.31	13.33	8.71	0.03	343.29	0.49	343.79	0.10	0.49	0.59		2,918.08		0.06		2,919.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	0.99	0.00	0.31	0.01	0.32	0.01	0.01	0.02		212.11		0.01		212.33
Total	1.41	13.43	9.70	0.03	343.60	0.50	344.11	0.11	0.50	0.61		3,130.19		0.07		3,131.78

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	lb/day										lb/day					
Fugitive Dust					2.62	0.00	2.62	1.42	0.00	1.42						0.00
Off-Road	5.22	33.66	37.95	0.07		2.30	2.30		2.30	2.30	0.00	7,272.08		0.60		7,284.60
Total	5.22	33.66	37.95	0.07	2.62	2.30	4.92	1.42	2.30	3.72	0.00	7,272.08		0.60		7,284.60

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	lb/day										lb/day					
Hauling	1.31	13.33	8.71	0.03	254.06	0.49	254.56	0.10	0.49	0.59		2,918.08		0.06		2,919.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	0.99	0.00	0.23	0.01	0.24	0.01	0.01	0.02		212.11		0.01		212.33
Total	1.41	13.43	9.70	0.03	254.29	0.50	254.80	0.11	0.50	0.61		3,130.19		0.07		3,131.78

3.6 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	2.97	22.07	15.42	0.03		1.38	1.38		1.38	1.38		2,775.69		0.27		2,781.27
Total	2.97	22.07	15.42	0.03		1.38	1.38		1.38	1.38		2,775.69		0.27		2,781.27

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		0.00
Vendor	0.12	1.32	0.94	0.00	0.08	0.04	0.13	0.01	0.04	0.05		241.91		0.01		242.04

Worker	0.17	0.18	1.69	0.00	0.45	0.01	0.46	0.02	0.01	0.03		323.56		0.02		323.92
Total	0.29	1.50	2.63	0.00	0.53	0.05	0.59	0.03	0.05	0.08		565.47		0.03		565.96

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	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.27		2,781.27
Total	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.27		2,781.27

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		0.00
Vendor	0.12	1.32	0.94	0.00	0.06	0.04	0.11	0.01	0.04	0.05		241.91		0.01		242.04
Worker	0.17	0.18	1.69	0.00	0.33	0.01	0.35	0.02	0.01	0.03		323.56		0.02		323.92
Total	0.29	1.50	2.63	0.00	0.39	0.05	0.46	0.03	0.05	0.08		565.47		0.03		565.96

3.6 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	lb/day										lb/day					

Off-Road	2.73	20.03	15.31	0.03		1.22	1.22		1.22	1.22		2,775.69		0.25		2,780.83
Total	2.73	20.03	15.31	0.03		1.22	1.22		1.22	1.22		2,775.69		0.25		2,780.83

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.11	1.20	0.87	0.00	0.08	0.04	0.12	0.01	0.04	0.04		242.68		0.01		242.79
Worker	0.16	0.16	1.56	0.00	0.45	0.01	0.46	0.02	0.01	0.03		316.35		0.02		316.69
Total	0.27	1.36	2.43	0.00	0.53	0.05	0.58	0.03	0.05	0.07		559.03		0.03		559.48

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	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.25		2,780.83
Total	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.25		2,780.83

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	lb/day										lb/day					
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.11	1.20	0.87	0.00	0.06	0.04	0.10	0.01	0.04	0.04		242.68		0.01		242.79
Worker	0.16	0.16	1.56	0.00	0.33	0.01	0.35	0.02	0.01	0.03		316.35		0.02		316.69
Total	0.27	1.36	2.43	0.00	0.39	0.05	0.45	0.03	0.05	0.07		559.03		0.03		559.48

3.6 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	lb/day										lb/day					
Off-Road	2.51	18.18	15.21	0.03		1.08	1.08		1.08	1.08		2,775.69		0.22		2,780.39
Total	2.51	18.18	15.21	0.03		1.08	1.08		1.08	1.08		2,775.69		0.22		2,780.39

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.10	1.09	0.81	0.00	0.08	0.03	0.12	0.01	0.03	0.04		243.06		0.01		243.17
Worker	0.15	0.15	1.44	0.00	0.45	0.01	0.46	0.02	0.01	0.03		307.56		0.02		307.87
Total	0.25	1.24	2.25	0.00	0.53	0.04	0.58	0.03	0.04	0.07		550.62		0.03		551.04

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	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.22		2,780.39
Total	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.22		2,780.39

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.10	1.09	0.81	0.00	0.06	0.03	0.10	0.01	0.03	0.04		243.06		0.01		243.17
Worker	0.15	0.15	1.44	0.00	0.33	0.01	0.35	0.02	0.01	0.03		307.56		0.02		307.87
Total	0.25	1.24	2.25	0.00	0.39	0.04	0.45	0.03	0.04	0.07		550.62		0.03		551.04

3.7 Architectural Coating - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.45	2.77	1.92	0.00		0.24	0.24		0.24	0.24		281.19		0.04		282.03
Total	3.20	2.77	1.92	0.00		0.24	0.24		0.24	0.24		281.19		0.04		282.03

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.04	0.35	0.00	0.09	0.00	0.10	0.00	0.00	0.01		66.94		0.00		67.02
Total	0.04	0.04	0.35	0.00	0.09	0.00	0.10	0.00	0.00	0.01		66.94		0.00		67.02

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.25	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.04		282.03
Total	3.00	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.04		282.03

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.04	0.04	0.35	0.00	0.07	0.00	0.07	0.00	0.00	0.01		66.94		0.00		67.02

Total	0.04	0.04	0.35	0.00	0.07	0.00	0.07	0.00	0.00	0.01		66.94		0.00		67.02
-------	------	------	------	------	------	------	------	------	------	------	--	-------	--	------	--	-------

3.7 Architectural Coating - 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	lb/day										lb/day					
Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.41	2.57	1.90	0.00		0.22	0.22		0.22	0.22		281.19		0.04		281.96
Total	3.16	2.57	1.90	0.00		0.22	0.22		0.22	0.22		281.19		0.04		281.96

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.03	0.32	0.00	0.09	0.00	0.10	0.00	0.00	0.01		65.45		0.00		65.52
Total	0.03	0.03	0.32	0.00	0.09	0.00	0.10	0.00	0.00	0.01		65.45		0.00		65.52

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	lb/day										lb/day					

Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.25	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.04		281.96
Total	3.00	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.04		281.96

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.03	0.32	0.00	0.07	0.00	0.07	0.00	0.00	0.01		65.45		0.00		65.52
Total	0.03	0.03	0.32	0.00	0.07	0.00	0.07	0.00	0.00	0.01		65.45		0.00		65.52

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	lb/day										lb/day					
Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.37	2.37	1.88	0.00		0.20	0.20		0.20	0.20		281.19		0.03		281.89
Total	3.12	2.37	1.88	0.00		0.20	0.20		0.20	0.20		281.19		0.03		281.89

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.03	0.30	0.00	0.09	0.00	0.10	0.00	0.00	0.01		63.63		0.00		63.70
Total	0.03	0.03	0.30	0.00	0.09	0.00	0.10	0.00	0.00	0.01		63.63		0.00		63.70

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.25	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.03		281.89
Total	3.00	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.03		281.89

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.03	0.30	0.00	0.07	0.00	0.07	0.00	0.00	0.01		63.63		0.00		63.70
Total	0.03	0.03	0.30	0.00	0.07	0.00	0.07	0.00	0.00	0.01		63.63		0.00		63.70

**Portola Center NW Alt
Orange County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	81	Dwelling Unit
City Park	0.87	Acre

1.2 Other Project Characteristics

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

1.3 User Entered Comments

Project Characteristics -
 Land Use -
 Construction Phase - schedule
 Grading - disturbed acres = 25.3
 Trips and VMT - balanced site, haul distance is cut/fill. 110,000 CY would be hauled off-site.
 Construction Off-road Equipment Mitigation -
 Area Mitigation -
 Water Mitigation -

- Waste Mitigation -
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment -

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	10.90	83.76	61.76	0.08	18.34	3.25	21.01	9.94	3.25	12.61	0.00	8,533.78	0.00	0.87	0.00	8,552.10
2014	19.30	124.94	80.45	0.16	350.57	6.99	357.56	3.46	6.99	10.45	0.00	16,298.34	0.00	1.42	0.00	16,328.26
2015	18.16	114.41	77.60	0.16	350.57	6.34	356.91	3.46	6.34	9.80	0.00	16,294.09	0.00	1.33	0.00	16,321.96
2016	13.93	85.65	60.52	0.14	350.34	4.12	354.47	3.45	4.12	7.58	0.00	14,128.19	0.00	0.95	0.00	14,148.17
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	8.17	52.10	64.28	0.08	7.93	2.47	9.66	4.26	2.47	5.99	0.00	8,533.78	0.00	0.87	0.00	8,552.10
2014	14.23	76.82	84.70	0.16	257.55	5.40	262.95	1.56	5.40	6.96	0.00	16,298.34	0.00	1.42	0.00	16,328.26
2015	14.03	74.85	83.30	0.16	257.55	5.31	262.86	1.56	5.31	6.88	0.00	16,294.09	0.00	1.33	0.00	16,321.96
2016	12.04	62.76	68.46	0.14	257.38	4.19	261.57	1.55	4.19	5.75	0.00	14,128.19	0.00	0.95	0.00	14,148.17
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

3.0 Construction Detail

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Use DPF for Construction Equipment
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 Site Preparation - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	6.70	54.15	30.68	0.05		2.66	2.66		2.66	2.66		5,413.51		0.60		5,426.15
Total	6.70	54.15	30.68	0.05	18.07	2.66	20.73	9.93	2.66	12.59		5,413.51		0.60		5,426.15

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	1.20	0.00	0.28	0.01	0.28	0.01	0.01	0.02		219.08		0.01		219.33
Total	0.10	0.11	1.20	0.00	0.28	0.01	0.28	0.01	0.01	0.02		219.08		0.01		219.33

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	lb/day										lb/day					
Fugitive Dust					7.72	0.00	7.72	4.25	0.00	4.25						0.00
Off-Road	4.01	25.55	26.92	0.05		1.72	1.72		1.72	1.72	0.00	5,413.51		0.60		5,426.15
Total	4.01	25.55	26.92	0.05	7.72	1.72	9.44	4.25	1.72	5.97	0.00	5,413.51		0.60		5,426.15

Mitigated Construction Off-Site

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

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.10	0.11	1.20	0.00	0.21	0.01	0.22	0.01	0.01	0.02		219.08		0.01		219.33
Total	0.10	0.11	1.20	0.00	0.21	0.01	0.22	0.01	0.01	0.02		219.08		0.01		219.33

3.3 Mass 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					6.55	0.00	6.55	3.36	0.00	3.36						0.00
Off-Road	7.94	65.32	35.42	0.07		3.07	3.07		3.07	3.07		7,272.09		0.71		7,287.00
Total	7.94	65.32	35.42	0.07	6.55	3.07	9.62	3.36	3.07	6.43		7,272.09		0.71		7,287.00

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.84	18.33	25.00	0.01	5.39	0.17	5.56	0.00	0.17	0.17		1,018.28		0.15		1,021.40
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.12	1.33	0.00	0.31	0.01	0.32	0.01	0.01	0.02		243.42		0.01		243.70
Total	2.95	18.45	26.33	0.01	5.70	0.18	5.88	0.01	0.18	0.19		1,261.70		0.16		1,265.10

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	lb/day										lb/day					
Fugitive Dust					2.80	0.00	2.80	1.44	0.00	1.44						0.00
Off-Road	5.22	33.66	37.95	0.07		2.30	2.30		2.30	2.30	0.00	7,272.09		0.71		7,287.00
Total	5.22	33.66	37.95	0.07	2.80	2.30	5.10	1.44	2.30	3.74	0.00	7,272.09		0.71		7,287.00

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.84	18.33	25.00	0.01	3.99	0.17	4.16	0.00	0.17	0.17		1,018.28		0.15		1,021.40
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.12	1.33	0.00	0.23	0.01	0.24	0.01	0.01	0.02		243.42		0.01		243.70
Total	2.95	18.45	26.33	0.01	4.22	0.18	4.40	0.01	0.18	0.19		1,261.70		0.16		1,265.10

3.3 Mass 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	lb/day										lb/day					
Fugitive Dust					6.55	0.00	6.55	3.36	0.00	3.36						0.00
Off-Road	7.52	60.75	34.08	0.07		2.80	2.80		2.80	2.80		7,272.08		0.67		7,286.20
Total	7.52	60.75	34.08	0.07	6.55	2.80	9.35	3.36	2.80	6.16		7,272.08		0.67		7,286.20

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.73	18.90	23.50	0.01	5.39	0.15	5.54	0.00	0.15	0.16		1,054.48		0.14		1,057.47
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.23	0.00	0.31	0.01	0.32	0.01	0.01	0.02		238.69		0.01		238.96
Total	2.84	19.01	24.73	0.01	5.70	0.16	5.86	0.01	0.16	0.18		1,293.17		0.15		1,296.43

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					
Fugitive Dust					2.80	0.00	2.80	1.44	0.00	1.44						0.00
Off-Road	5.22	33.66	37.95	0.07		2.30	2.30		2.30	2.30	0.00	7,272.08		0.67		7,286.20
Total	5.22	33.66	37.95	0.07	2.80	2.30	5.10	1.44	2.30	3.74	0.00	7,272.08		0.67		7,286.20

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.73	18.90	23.50	0.01	3.99	0.15	4.14	0.00	0.15	0.16		1,054.48		0.14		1,057.47
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.23	0.00	0.23	0.01	0.24	0.01	0.01	0.02		238.69		0.01		238.96

Total	2.84	19.01	24.73	0.01	4.22	0.16	4.38	0.01	0.16	0.18		1,293.17		0.15		1,296.43
--------------	-------------	--------------	--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	-----------------	--	-------------	--	-----------------

3.4 Paving - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.53	21.77	14.04	0.02		1.86	1.86		1.86	1.86		1,979.15		0.32		1,985.82
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.53	21.77	14.04	0.02		1.86	1.86		1.86	1.86		1,979.15		0.32		1,985.82

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22

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
Category	lb/day										lb/day					

Off-Road	1.74	10.45	12.89	0.02		1.04	1.04		1.04	1.04	0.00	1,979.15		0.32		1,985.82
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	1.74	10.45	12.89	0.02		1.04	1.04		1.04	1.04	0.00	1,979.15		0.32		1,985.82

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.17	0.01	0.18	0.01	0.01	0.02		179.02		0.01		179.22
Total	0.08	0.08	0.92	0.00	0.17	0.01	0.18	0.01	0.01	0.02		179.02		0.01		179.22

3.4 Paving - 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	lb/day										lb/day					
Off-Road	3.31	20.42	13.93	0.02		1.72	1.72		1.72	1.72		1,979.14		0.30		1,985.40
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.31	20.42	13.93	0.02		1.72	1.72		1.72	1.72		1,979.14		0.30		1,985.40

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.07	0.85	0.00	0.23	0.01	0.24	0.01	0.01	0.02		175.05		0.01		175.23
Total	0.08	0.07	0.85	0.00	0.23	0.01	0.24	0.01	0.01	0.02		175.05		0.01		175.23

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.74	10.45	12.89	0.02		1.04	1.04		1.04	1.04	0.00	1,979.14		0.30		1,985.40
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	1.74	10.45	12.89	0.02		1.04	1.04		1.04	1.04	0.00	1,979.14		0.30		1,985.40

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.07	0.85	0.00	0.17	0.01	0.18	0.01	0.01	0.02		175.05		0.01		175.23
Total	0.08	0.07	0.85	0.00	0.17	0.01	0.18	0.01	0.01	0.02		175.05		0.01		175.23

3.5 Precise 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	lb/day										lb/day					
Fugitive Dust					6.12	0.00	6.12	3.32	0.00	3.32						0.00
Off-Road	7.52	60.75	34.08	0.07		2.80	2.80		2.80	2.80		7,272.08		0.67		7,286.20
Total	7.52	60.75	34.08	0.07	6.12	2.80	8.92	3.32	2.80	6.12		7,272.08		0.67		7,286.20

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.59	15.93	9.84	0.03	343.29	0.63	343.93	0.10	0.63	0.73		2,911.45		0.08		2,913.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.23	0.00	0.31	0.01	0.32	0.01	0.01	0.02		238.69		0.01		238.96
Total	1.70	16.04	11.07	0.03	343.60	0.64	344.25	0.11	0.64	0.75		3,150.14		0.09		3,152.06

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					2.62	0.00	2.62	1.42	0.00	1.42						0.00

Off-Road	5.22	33.66	37.95	0.07		2.30	2.30		2.30	2.30	0.00	7,272.08		0.67		7,286.20
Total	5.22	33.66	37.95	0.07	2.62	2.30	4.92	1.42	2.30	3.72	0.00	7,272.08		0.67		7,286.20

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.59	15.93	9.84	0.03	254.06	0.63	254.70	0.10	0.63	0.73		2,911.45		0.08		2,913.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.23	0.00	0.23	0.01	0.24	0.01	0.01	0.02		238.69		0.01		238.96
Total	1.70	16.04	11.07	0.03	254.29	0.64	254.94	0.11	0.64	0.75		3,150.14		0.09		3,152.06

3.5 Precise Grading - 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	lb/day										lb/day					
Fugitive Dust					6.12	0.00	6.12	3.32	0.00	3.32						0.00
Off-Road	7.08	55.79	32.87	0.07		2.55	2.55		2.55	2.55		7,272.08		0.63		7,285.33
Total	7.08	55.79	32.87	0.07	6.12	2.55	8.67	3.32	2.55	5.87		7,272.08		0.63		7,285.33

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
--	-----	-----	----	-----	---------------	--------------	------------	----------------	---------------	-------------	----------	-----------	-----------	-----	-----	------

Category	lb/day										lb/day					
Hauling	1.42	14.12	8.84	0.03	343.29	0.55	343.85	0.10	0.55	0.65		2,924.91		0.07		2,926.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.14	0.00	0.31	0.01	0.32	0.01	0.01	0.02		233.40		0.01		233.64
Total	1.52	14.22	9.98	0.03	343.60	0.56	344.17	0.11	0.56	0.67		3,158.31		0.08		3,160.03

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					2.62	0.00	2.62	1.42	0.00	1.42							0.00
Off-Road	5.22	33.66	37.95	0.07		2.30	2.30		2.30	2.30	0.00	7,272.08		0.63			7,285.33
Total	5.22	33.66	37.95	0.07	2.62	2.30	4.92	1.42	2.30	3.72	0.00	7,272.08		0.63			7,285.33

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.42	14.12	8.84	0.03	254.06	0.55	254.62	0.10	0.55	0.65		2,924.91		0.07		2,926.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.14	0.00	0.23	0.01	0.24	0.01	0.01	0.02		233.40		0.01		233.64
Total	1.52	14.22	9.98	0.03	254.29	0.56	254.86	0.11	0.56	0.67		3,158.31		0.08		3,160.03

3.5 Precise Grading - 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	lb/day										lb/day					
Fugitive Dust					6.12	0.00	6.12	3.32	0.00	3.32						0.00
Off-Road	6.67	51.14	31.79	0.07		2.30	2.30		2.30	2.30		7,272.08		0.60		7,284.60
Total	6.67	51.14	31.79	0.07	6.12	2.30	8.42	3.32	2.30	5.62		7,272.08		0.60		7,284.60

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	lb/day										lb/day					
Hauling	1.27	12.67	8.03	0.03	343.29	0.49	343.78	0.10	0.49	0.59		2,930.54		0.06		2,931.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.09	1.05	0.00	0.31	0.01	0.32	0.01	0.01	0.02		226.93		0.01		227.16
Total	1.37	12.76	9.08	0.03	343.60	0.50	344.10	0.11	0.50	0.61		3,157.47		0.07		3,159.03

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					2.62	0.00	2.62	1.42	0.00	1.42						0.00
Off-Road	5.22	33.66	37.95	0.07		2.30	2.30		2.30	2.30	0.00	7,272.08		0.60		7,284.60
Total	5.22	33.66	37.95	0.07	2.62	2.30	4.92	1.42	2.30	3.72	0.00	7,272.08		0.60		7,284.60

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	lb/day										lb/day					
Hauling	1.27	12.67	8.03	0.03	254.06	0.49	254.55	0.10	0.49	0.59		2,930.54		0.06		2,931.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.09	1.05	0.00	0.23	0.01	0.24	0.01	0.01	0.02		226.93		0.01		227.16
Total	1.37	12.76	9.08	0.03	254.29	0.50	254.79	0.11	0.50	0.61		3,157.47		0.07		3,159.03

3.6 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	2.97	22.07	15.42	0.03		1.38	1.38		1.38	1.38		2,775.69		0.27		2,781.27
Total	2.97	22.07	15.42	0.03		1.38	1.38		1.38	1.38		2,775.69		0.27		2,781.27

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		0.00
Vendor	0.12	1.26	0.84	0.00	0.08	0.04	0.13	0.01	0.04	0.05		243.37		0.01		243.49

Worker	0.16	0.16	1.79	0.00	0.45	0.01	0.46	0.02	0.01	0.03		346.10		0.02		346.49
Total	0.28	1.42	2.63	0.00	0.53	0.05	0.59	0.03	0.05	0.08		589.47		0.03		589.98

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	lb/day										lb/day					
Off-Road	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.27		2,781.27
Total	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.27		2,781.27

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		0.00
Vendor	0.12	1.26	0.84	0.00	0.06	0.04	0.11	0.01	0.04	0.05		243.37		0.01		243.49
Worker	0.16	0.16	1.79	0.00	0.33	0.01	0.35	0.02	0.01	0.03		346.10		0.02		346.49
Total	0.28	1.42	2.63	0.00	0.39	0.05	0.46	0.03	0.05	0.08		589.47		0.03		589.98

3.6 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	lb/day										lb/day					

Off-Road	2.73	20.03	15.31	0.03		1.22	1.22		1.22	1.22		2,775.69		0.25		2,780.83
Total	2.73	20.03	15.31	0.03		1.22	1.22		1.22	1.22		2,775.69		0.25		2,780.83

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.11	1.14	0.77	0.00	0.08	0.04	0.12	0.01	0.04	0.04		244.19		0.01		244.30
Worker	0.15	0.14	1.65	0.00	0.45	0.01	0.46	0.02	0.01	0.03		338.42		0.02		338.78
Total	0.26	1.28	2.42	0.00	0.53	0.05	0.58	0.03	0.05	0.07		582.61		0.03		583.08

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	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.25		2,780.83
Total	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.25		2,780.83

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	lb/day										lb/day					
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.11	1.14	0.77	0.00	0.06	0.04	0.10	0.01	0.04	0.04		244.19		0.01		244.30
Worker	0.15	0.14	1.65	0.00	0.33	0.01	0.35	0.02	0.01	0.03		338.42		0.02		338.78
Total	0.26	1.28	2.42	0.00	0.39	0.05	0.45	0.03	0.05	0.07		582.61		0.03		583.08

3.6 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	lb/day										lb/day					
Off-Road	2.51	18.18	15.21	0.03		1.08	1.08		1.08	1.08		2,775.69		0.22		2,780.39
Total	2.51	18.18	15.21	0.03		1.08	1.08		1.08	1.08		2,775.69		0.22		2,780.39

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.10	1.05	0.71	0.00	0.08	0.03	0.12	0.01	0.03	0.04		244.64		0.00		244.74
Worker	0.14	0.13	1.52	0.00	0.45	0.01	0.46	0.02	0.01	0.03		329.05		0.02		329.37
Total	0.24	1.18	2.23	0.00	0.53	0.04	0.58	0.03	0.04	0.07		573.69		0.02		574.11

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	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.22		2,780.39
Total	2.19	13.65	17.05	0.03		1.20	1.20		1.20	1.20	0.00	2,775.69		0.22		2,780.39

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.10	1.05	0.71	0.00	0.06	0.03	0.10	0.01	0.03	0.04		244.64		0.00		244.74
Worker	0.14	0.13	1.52	0.00	0.33	0.01	0.35	0.02	0.01	0.03		329.05		0.02		329.37
Total	0.24	1.18	2.23	0.00	0.39	0.04	0.45	0.03	0.04	0.07		573.69		0.02		574.11

3.7 Architectural Coating - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.45	2.77	1.92	0.00		0.24	0.24		0.24	0.24		281.19		0.04		282.03
Total	3.20	2.77	1.92	0.00		0.24	0.24		0.24	0.24		281.19		0.04		282.03

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.03	0.37	0.00	0.09	0.00	0.10	0.00	0.00	0.01		71.61		0.00		71.69
Total	0.03	0.03	0.37	0.00	0.09	0.00	0.10	0.00	0.00	0.01		71.61		0.00		71.69

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					
Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.25	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.04		282.03
Total	3.00	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.04		282.03

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.03	0.37	0.00	0.07	0.00	0.07	0.00	0.00	0.01		71.61		0.00		71.69

Total	0.03	0.03	0.37	0.00	0.07	0.00	0.07	0.00	0.00	0.01		71.61		0.00		71.69
-------	------	------	------	------	------	------	------	------	------	------	--	-------	--	------	--	-------

3.7 Architectural Coating - 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	lb/day										lb/day					
Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.41	2.57	1.90	0.00		0.22	0.22		0.22	0.22		281.19		0.04		281.96
Total	3.16	2.57	1.90	0.00		0.22	0.22		0.22	0.22		281.19		0.04		281.96

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.03	0.34	0.00	0.09	0.00	0.10	0.00	0.00	0.01		70.02		0.00		70.09
Total	0.03	0.03	0.34	0.00	0.09	0.00	0.10	0.00	0.00	0.01		70.02		0.00		70.09

Mitigated Construction On-Site

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

Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.25	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.04		281.96
Total	3.00	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.04		281.96

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.03	0.34	0.00	0.07	0.00	0.07	0.00	0.00	0.01		70.02		0.00		70.09
Total	0.03	0.03	0.34	0.00	0.07	0.00	0.07	0.00	0.00	0.01		70.02		0.00		70.09

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	lb/day										lb/day					
Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.37	2.37	1.88	0.00		0.20	0.20		0.20	0.20		281.19		0.03		281.89
Total	3.12	2.37	1.88	0.00		0.20	0.20		0.20	0.20		281.19		0.03		281.89

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.03	0.32	0.00	0.09	0.00	0.10	0.00	0.00	0.01		68.08		0.00		68.15
Total	0.03	0.03	0.32	0.00	0.09	0.00	0.10	0.00	0.00	0.01		68.08		0.00		68.15

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.75					0.00	0.00		0.00	0.00						0.00
Off-Road	0.25	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.03		281.89
Total	3.00	1.48	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.03		281.89

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.03	0.03	0.32	0.00	0.07	0.00	0.07	0.00	0.00	0.01		68.08		0.00		68.15
Total	0.03	0.03	0.32	0.00	0.07	0.00	0.07	0.00	0.00	0.01		68.08		0.00		68.15

**Portola Center NW Alt
Orange County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	81	Dwelling Unit
City Park	0.87	Acre

1.2 Other Project Characteristics

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

1.3 User Entered Comments

Project Characteristics -
 Land Use -
 Construction Phase - schedule
 Grading - disturbed acres = 25.3
 Trips and VMT - balanced site, haul distance is cut/fill. 110,000 CY would be hauled off-site.
 Construction Off-road Equipment Mitigation -
 Area Mitigation -
 Water Mitigation -

- Waste Mitigation -
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment - CARB load factors
- Off-road Equipment -

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	0.32	2.42	1.81	0.00	0.74	0.10	0.84	0.33	0.10	0.43	0.00	223.94	223.94	0.02	0.00	224.44
2014	1.35	9.13	6.46	0.01	15.57	0.46	16.03	0.91	0.46	1.37	0.00	1,000.97	1,000.97	0.09	0.00	1,002.92
2015	2.33	14.67	10.01	0.02	41.78	0.81	42.59	0.71	0.81	1.51	0.00	1,901.28	1,901.28	0.15	0.00	1,904.51
2016	0.45	2.78	1.98	0.00	11.35	0.13	11.49	0.69	0.13	0.83	0.00	415.48	415.48	0.03	0.00	416.07
Total	4.45	29.00	20.26	0.03	69.44	1.50	70.95	2.64	1.50	4.14	0.00	3,541.67	3,541.67	0.29	0.00	3,547.94

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	0.23	1.41	1.82	0.00	0.35	0.07	0.43	0.14	0.07	0.22	0.00	223.94	223.94	0.02	0.00	224.44
2014	1.00	5.73	6.81	0.01	11.00	0.36	11.35	0.39	0.36	0.75	0.00	1,000.97	1,000.97	0.09	0.00	1,002.92
2015	1.81	9.62	10.76	0.02	30.53	0.68	31.21	0.31	0.68	0.99	0.00	1,901.28	1,901.28	0.15	0.00	1,904.51
2016	0.39	2.03	2.24	0.00	8.01	0.14	8.14	0.30	0.14	0.43	0.00	415.48	415.48	0.03	0.00	416.07
Total	3.43	18.79	21.63	0.03	49.89	1.25	51.13	1.14	1.25	2.39	0.00	3,541.67	3,541.67	0.29	0.00	3,547.94

3.0 Construction Detail

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Use DPF for Construction Equipment
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 Site Preparation - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.21	0.00	0.21	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.08	0.62	0.35	0.00		0.03	0.03		0.03	0.03	0.00	56.46	56.46	0.01	0.00	56.59
Total	0.08	0.62	0.35	0.00	0.21	0.03	0.24	0.11	0.03	0.14	0.00	56.46	56.46	0.01	0.00	56.59

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	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	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	2.18	2.18	0.00	0.00	2.19
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.18	2.18	0.00	0.00	2.19

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					0.09	0.00	0.09	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.05	0.29	0.31	0.00		0.02	0.02		0.02	0.02	0.00	56.46	56.46	0.01	0.00	56.59
Total	0.05	0.29	0.31	0.00	0.09	0.02	0.11	0.05	0.02	0.07	0.00	56.46	56.46	0.01	0.00	56.59

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	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	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	2.18	2.18	0.00	0.00	2.19
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.18	2.18	0.00	0.00	2.19

3.3 Mass 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					0.42	0.00	0.42	0.22	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.17	1.40	0.76	0.00		0.07	0.07		0.07	0.07	0.00	141.80	141.80	0.01	0.00	142.09
Total	0.17	1.40	0.76	0.00	0.42	0.07	0.49	0.22	0.07	0.29	0.00	141.80	141.80	0.01	0.00	142.09

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	0.07	0.39	0.65	0.00	0.10	0.00	0.11	0.00	0.00	0.00	0.00	18.96	18.96	0.00	0.00	19.03
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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	4.54	4.54	0.00	0.00	4.54
Total	0.07	0.39	0.68	0.00	0.11	0.00	0.12	0.00	0.00	0.00	0.00	23.50	23.50	0.00	0.00	23.57

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					
Fugitive Dust					0.18	0.00	0.18	0.09	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.11	0.72	0.82	0.00		0.05	0.05		0.05	0.05	0.00	141.80	141.80	0.01	0.00	142.09
Total	0.11	0.72	0.82	0.00	0.18	0.05	0.23	0.09	0.05	0.14	0.00	141.80	141.80	0.01	0.00	142.09

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	0.07	0.39	0.65	0.00	0.08	0.00	0.08	0.00	0.00	0.00	0.00	18.96	18.96	0.00	0.00	19.03
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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.54	4.54	0.00	0.00	4.54
Total	0.07	0.39	0.68	0.00	0.08	0.00	0.08	0.00	0.00	0.00	0.00	23.50	23.50	0.00	0.00	23.57

3.3 Mass 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					0.42	0.00	0.42	0.22	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.32	2.61	1.46	0.00		0.12	0.12		0.12	0.12	0.00	283.60	283.60	0.03	0.00	284.15
Total	0.32	2.61	1.46	0.00	0.42	0.12	0.54	0.22	0.12	0.34	0.00	283.60	283.60	0.03	0.00	284.15

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	0.13	0.79	1.24	0.00	0.21	0.01	0.22	0.00	0.01	0.01	0.00	39.25	39.25	0.01	0.00	39.38
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	0.00	0.00
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.90	8.90	0.00	0.00	8.91
Total	0.13	0.79	1.29	0.00	0.22	0.01	0.23	0.00	0.01	0.01	0.00	48.15	48.15	0.01	0.00	48.29

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					
Fugitive Dust					0.18	0.00	0.18	0.09	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.22	1.45	1.63	0.00		0.10	0.10		0.10	0.10	0.00	283.60	283.60	0.03	0.00	284.15
Total	0.22	1.45	1.63	0.00	0.18	0.10	0.28	0.09	0.10	0.19	0.00	283.60	283.60	0.03	0.00	284.15

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	0.13	0.79	1.24	0.00	0.15	0.01	0.16	0.00	0.01	0.01	0.00	39.25	39.25	0.01	0.00	39.38
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	0.00	0.00
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.90	8.90	0.00	0.00	8.91

Total	0.13	0.79	1.29	0.00	0.16	0.01	0.17	0.00	0.01	0.01	0.00	48.15	48.15	0.01	0.00	48.29
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--------------	--------------	-------------	-------------	--------------

3.4 Paving - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.19	1.19	0.77	0.00		0.10	0.10		0.10	0.10	0.00	97.83	97.83	0.02	0.00	98.16
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.19	1.19	0.77	0.00		0.10	0.10		0.10	0.10	0.00	97.83	97.83	0.02	0.00	98.16

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	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	0.00	0.00
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.46	8.46	0.00	0.00	8.47
Total	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.46	8.46	0.00	0.00	8.47

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	0.09	0.57	0.70	0.00		0.06	0.06		0.06	0.06	0.00	97.83	97.83	0.02	0.00	98.16
Paving	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	0.57	0.70	0.00		0.06	0.06		0.06	0.06	0.00	97.83	97.83	0.02	0.00	98.16

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	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	0.00	0.00
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.46	8.46	0.00	0.00	8.47
Total	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.46	8.46	0.00	0.00	8.47

3.4 Paving - 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	0.39	2.43	1.66	0.00		0.21	0.21		0.21	0.21	0.00	213.60	213.60	0.03	0.00	214.28
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.39	2.43	1.66	0.00		0.21	0.21		0.21	0.21	0.00	213.60	213.60	0.03	0.00	214.28

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	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	0.00	0.00
Worker	0.01	0.01	0.10	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	18.06	18.06	0.00	0.00	18.08
Total	0.01	0.01	0.10	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	18.06	18.06	0.00	0.00	18.08

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	0.21	1.24	1.53	0.00		0.12	0.12		0.12	0.12	0.00	213.60	213.60	0.03	0.00	214.28
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.21	1.24	1.53	0.00		0.12	0.12		0.12	0.12	0.00	213.60	213.60	0.03	0.00	214.28

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	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	0.00	0.00
Worker	0.01	0.01	0.10	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	18.06	18.06	0.00	0.00	18.08
Total	0.01	0.01	0.10	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	18.06	18.06	0.00	0.00	18.08

3.5 Precise 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					1.27	0.00	1.27	0.69	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.33	2.67	1.50	0.00		0.12	0.12		0.12	0.12	0.00	290.19	290.19	0.03	0.00	290.76
Total	0.33	2.67	1.50	0.00	1.27	0.12	1.39	0.69	0.12	0.81	0.00	290.19	290.19	0.03	0.00	290.76

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	0.07	0.69	0.45	0.00	13.62	0.03	13.64	0.00	0.03	0.03	0.00	116.02	116.02	0.00	0.00	116.09
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	0.00	0.00
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	9.11	9.11	0.00	0.00	9.12
Total	0.07	0.69	0.50	0.00	13.63	0.03	13.65	0.00	0.03	0.03	0.00	125.13	125.13	0.00	0.00	125.21

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					0.54	0.00	0.54	0.29	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00

Off-Road	0.23	1.48	1.67	0.00		0.10	0.10		0.10	0.10	0.00	290.19	290.19	0.03	0.00	290.76
Total	0.23	1.48	1.67	0.00	0.54	0.10	0.64	0.29	0.10	0.39	0.00	290.19	290.19	0.03	0.00	290.76

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	0.07	0.69	0.45	0.00	10.08	0.03	10.10	0.00	0.03	0.03	0.00	116.02	116.02	0.00	0.00	116.09
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	0.00	0.00
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	9.11	9.11	0.00	0.00	9.12
Total	0.07	0.69	0.50	0.00	10.09	0.03	10.11	0.00	0.03	0.03	0.00	125.13	125.13	0.00	0.00	125.21

3.5 Precise Grading - 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					
Fugitive Dust					1.27	0.00	1.27	0.69	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.92	7.28	4.29	0.01		0.33	0.33		0.33	0.33	0.00	860.69	860.69	0.07	0.00	862.26
Total	0.92	7.28	4.29	0.01	1.27	0.33	1.60	0.69	0.33	1.02	0.00	860.69	860.69	0.07	0.00	862.26

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	0.19	1.82	1.22	0.00	40.38	0.07	40.45	0.01	0.07	0.09	0.00	345.68	345.68	0.01	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	0.00	0.00
Worker	0.01	0.01	0.14	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	26.41	26.41	0.00	0.00	26.44
Total	0.20	1.83	1.36	0.00	40.42	0.07	40.49	0.01	0.07	0.09	0.00	372.09	372.09	0.01	0.00	372.30

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Fugitive Dust					0.54	0.00	0.54	0.29	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.68	4.39	4.95	0.01		0.30	0.30		0.30	0.30	0.00	860.69	860.69	0.07	0.00	862.26
Total	0.68	4.39	4.95	0.01	0.54	0.30	0.84	0.29	0.30	0.59	0.00	860.69	860.69	0.07	0.00	862.26

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Hauling	0.19	1.82	1.22	0.00	29.89	0.07	29.96	0.01	0.07	0.09	0.00	345.68	345.68	0.01	0.00	345.86
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	0.00	0.00
Worker	0.01	0.01	0.14	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	26.41	26.41	0.00	0.00	26.44
Total	0.20	1.83	1.36	0.00	29.92	0.07	29.99	0.01	0.07	0.09	0.00	372.09	372.09	0.01	0.00	372.30

3.5 Precise Grading - 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					
Fugitive Dust					1.27	0.00	1.27	0.69	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.22	1.66	1.03	0.00		0.07	0.07		0.07	0.07	0.00	214.35	214.35	0.02	0.00	214.72
Total	0.22	1.66	1.03	0.00	1.27	0.07	1.34	0.69	0.07	0.76	0.00	214.35	214.35	0.02	0.00	214.72

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	0.04	0.41	0.28	0.00	10.06	0.02	10.07	0.00	0.02	0.02	0.00	86.25	86.25	0.00	0.00	86.29
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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.39	6.39	0.00	0.00	6.40
Total	0.04	0.41	0.31	0.00	10.07	0.02	10.08	0.00	0.02	0.02	0.00	92.64	92.64	0.00	0.00	92.69

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	tons/yr										MT/yr					
Fugitive Dust					0.54	0.00	0.54	0.29	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.17	1.09	1.23	0.00		0.07	0.07		0.07	0.07	0.00	214.35	214.35	0.02	0.00	214.72
Total	0.17	1.09	1.23	0.00	0.54	0.07	0.61	0.29	0.07	0.36	0.00	214.35	214.35	0.02	0.00	214.72

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	0.04	0.41	0.28	0.00	7.44	0.02	7.46	0.00	0.02	0.02	0.00	86.25	86.25	0.00	0.00	86.29
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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.39	6.39	0.00	0.00	6.40
Total	0.04	0.41	0.31	0.00	7.45	0.02	7.47	0.00	0.02	0.02	0.00	92.64	92.64	0.00	0.00	92.69

3.6 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	0.13	0.97	0.68	0.00		0.06	0.06		0.06	0.06	0.00	110.76	110.76	0.01	0.00	110.99
Total	0.13	0.97	0.68	0.00		0.06	0.06		0.06	0.06	0.00	110.76	110.76	0.01	0.00	110.99

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	0.00	0.00
Vendor	0.01	0.05	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	9.69	9.69	0.00	0.00	9.70

Worker	0.01	0.01	0.08	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	13.20	13.20	0.00	0.00	13.22
Total	0.02	0.06	0.12	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	22.89	22.89	0.00	0.00	22.92

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.10	0.60	0.75	0.00		0.05	0.05		0.05	0.05	0.00	110.76	110.76	0.01	0.00	110.99
Total	0.10	0.60	0.75	0.00		0.05	0.05		0.05	0.05	0.00	110.76	110.76	0.01	0.00	110.99

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	0.00	0.00
Vendor	0.01	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.69	9.69	0.00	0.00	9.70
Worker	0.01	0.01	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	13.20	13.20	0.00	0.00	13.22
Total	0.02	0.06	0.12	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	22.89	22.89	0.00	0.00	22.92

3.6 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	0.36	2.61	2.00	0.00		0.16	0.16		0.16	0.16	0.00	328.52	328.52	0.03	0.00	329.13
Total	0.36	2.61	2.00	0.00		0.16	0.16		0.16	0.16	0.00	328.52	328.52	0.03	0.00	329.13

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	0.00	0.00
Vendor	0.01	0.15	0.11	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	28.83	28.83	0.00	0.00	28.85
Worker	0.02	0.02	0.21	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	38.29	38.29	0.00	0.00	38.33
Total	0.03	0.17	0.32	0.00	0.06	0.00	0.06	0.00	0.00	0.01	0.00	67.12	67.12	0.00	0.00	67.18

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	0.29	1.78	2.22	0.00		0.16	0.16		0.16	0.16	0.00	328.52	328.52	0.03	0.00	329.13
Total	0.29	1.78	2.22	0.00		0.16	0.16		0.16	0.16	0.00	328.52	328.52	0.03	0.00	329.13

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	0.00
Vendor	0.01	0.15	0.11	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	28.83	28.83	0.00	0.00	28.85
Worker	0.02	0.02	0.21	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	38.29	38.29	0.00	0.00	38.33
Total	0.03	0.17	0.32	0.00	0.05	0.00	0.05	0.00	0.00	0.01	0.00	67.12	67.12	0.00	0.00	67.18

3.6 Building Construction - 2016

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Off-Road	0.08	0.59	0.49	0.00		0.04	0.04		0.04	0.04	0.00	81.81	81.81	0.01	0.00	81.95
Total	0.08	0.59	0.49	0.00		0.04	0.04		0.04	0.04	0.00	81.81	81.81	0.01	0.00	81.95

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	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	0.00	0.00
Vendor	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.19	7.19	0.00	0.00	7.20
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	9.27	9.27	0.00	0.00	9.28
Total	0.00	0.03	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	16.46	16.46	0.00	0.00	16.48

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	0.07	0.44	0.55	0.00		0.04	0.04		0.04	0.04	0.00	81.81	81.81	0.01	0.00	81.95
Total	0.07	0.44	0.55	0.00		0.04	0.04		0.04	0.04	0.00	81.81	81.81	0.01	0.00	81.95

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	0.00	0.00
Vendor	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.19	7.19	0.00	0.00	7.20
Worker	0.00	0.00	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	9.27	9.27	0.00	0.00	9.28
Total	0.00	0.03	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	16.46	16.46	0.00	0.00	16.48

3.7 Architectural Coating - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.12					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.02	0.12	0.08	0.00		0.01	0.01		0.01	0.01	0.00	11.22	11.22	0.00	0.00	11.25
Total	0.14	0.12	0.08	0.00		0.01	0.01		0.01	0.01	0.00	11.22	11.22	0.00	0.00	11.25

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	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	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.73	2.73	0.00	0.00	2.73
Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.73	2.73	0.00	0.00	2.73

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	0.12					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.07	0.08	0.00		0.01	0.01		0.01	0.01	0.00	11.22	11.22	0.00	0.00	11.25
Total	0.13	0.07	0.08	0.00		0.01	0.01		0.01	0.01	0.00	11.22	11.22	0.00	0.00	11.25

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	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	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.73	2.73	0.00	0.00	2.73

Total	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.73	2.73	0.00	0.00	2.73
-------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

3.7 Architectural Coating - 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					
Archit. Coating	0.36					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.05	0.34	0.25	0.00		0.03	0.03		0.03	0.03	0.00	33.28	33.28	0.00	0.00	33.37
Total	0.41	0.34	0.25	0.00		0.03	0.03		0.03	0.03	0.00	33.28	33.28	0.00	0.00	33.37

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.92	7.92	0.00	0.00	7.93
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.92	7.92	0.00	0.00	7.93

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	0.36					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.03	0.19	0.24	0.00		0.02	0.02		0.02	0.02	0.00	33.28	33.28	0.00	0.00	33.37
Total	0.39	0.19	0.24	0.00		0.02	0.02		0.02	0.02	0.00	33.28	33.28	0.00	0.00	33.37

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.92	7.92	0.00	0.00	7.93
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.92	7.92	0.00	0.00	7.93

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	0.09					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.08	0.06	0.00		0.01	0.01		0.01	0.01	0.00	8.29	8.29	0.00	0.00	8.31
Total	0.10	0.08	0.06	0.00		0.01	0.01		0.01	0.01	0.00	8.29	8.29	0.00	0.00	8.31

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	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	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	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	1.92	1.92	0.00	0.00	1.92
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92	1.92	0.00	0.00	1.92

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.09					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.05	0.06	0.00		0.00	0.00		0.00	0.00	0.00	8.29	8.29	0.00	0.00	8.31
Total	0.10	0.05	0.06	0.00		0.00	0.00		0.00	0.00	0.00	8.29	8.29	0.00	0.00	8.31

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	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	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	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	1.92	1.92	0.00	0.00	1.92
Total	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92	1.92	0.00	0.00	1.92

Portola Center - Construction (Alt)
Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	903	Dwelling Unit
Strip Mall	10	1000sqft

1.2 Other Project Characteristics

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

1.3 User Entered Comments

- Project Characteristics -
- Land Use - Site Acreage = 131
- Construction Phase - proposed construction schedule
- Off-road Equipment - proposed equipment fleet
- Off-road Equipment - proposed equipment fleet
- Off-road Equipment - proposed equipment fleet
- Off-road Equipment - proposed equipment fleet
- Off-road Equipment - proposed equipment fleet

Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet

Trips and VMT - Haul trips for 375,000 cy would occur between the north and south site. 45,000 cy of material would be imported/exported from the south site.

Grading - see assumptions sheet

Construction Off-road Equipment Mitigation -

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	59.49	501.10	267.47	0.54	275.55	21.45	297.00	0.77	21.45	21.82	0.00	58,630.35	0.00	5.05	0.00	58,736.34
2014	98.44	463.06	248.34	0.54	275.55	19.55	295.10	0.63	19.55	19.92	0.00	58,671.49	0.00	4.80	0.00	58,772.30
2015	95.24	254.71	235.06	0.47	15.65	15.21	30.86	0.63	15.21	15.83	0.00	45,430.68	0.00	3.48	0.00	45,503.76
2016	88.08	202.74	209.54	0.43	15.45	11.85	27.30	0.62	11.85	12.46	0.00	41,134.47	0.00	2.83	0.00	41,193.88
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	42.84	290.20	300.74	0.54	203.51	16.69	220.20	0.38	16.69	17.01	0.00	58,630.35	0.00	5.05	0.00	58,736.34
2014	88.18	285.12	296.62	0.54	203.51	16.45	219.96	0.62	16.45	16.77	0.00	58,671.49	0.00	4.80	0.00	58,772.30
2015	87.65	182.02	255.19	0.47	11.64	14.24	25.88	0.62	14.24	14.87	0.00	45,430.68	0.00	3.48	0.00	45,503.76
2016	84.12	160.39	227.02	0.43	11.49	12.61	24.10	0.62	12.61	13.23	0.00	41,134.47	0.00	2.83	0.00	41,193.88
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

3.0 Construction Detail

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Use DPF for Construction Equipment
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 01 Site Preparation Phase 1 - 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					6.27	0.00	6.27	0.34	0.00	0.34						0.00
Off-Road	5.40	36.30	20.56	0.04		2.58	2.58		2.58	2.58		3,829.71		0.48		3,839.88
Total	5.40	36.30	20.56	0.04	6.27	2.58	8.85	0.34	2.58	2.92		3,829.71		0.48		3,839.88

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	11.55	63.37	114.23	0.04	6.72	0.92	7.64	0.03	0.92	0.95		3,655.62		0.60		3,668.32
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.10	0.95	0.00	0.23	0.01	0.24	0.01	0.01	0.02		170.68		0.01		170.88
Total	11.64	63.47	115.18	0.04	6.95	0.93	7.88	0.04	0.93	0.97		3,826.30		0.61		3,839.20

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	lb/day										lb/day					
Fugitive Dust					2.68	0.00	2.68	0.15	0.00	0.15						0.00
Off-Road	3.12	19.21	22.17	0.04		1.65	1.65		1.65	1.65	0.00	3,829.71		0.48		3,839.88
Total	3.12	19.21	22.17	0.04	2.68	1.65	4.33	0.15	1.65	1.80	0.00	3,829.71		0.48		3,839.88

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	11.55	63.37	114.23	0.04	4.98	0.92	5.90	0.03	0.92	0.95		3,655.62		0.60		3,668.32
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.10	0.95	0.00	0.17	0.01	0.18	0.01	0.01	0.02		170.68		0.01		170.88
Total	11.64	63.47	115.18	0.04	5.15	0.93	6.08	0.04	0.93	0.97		3,826.30		0.61		3,839.20

3.3 07 Site Preparation Phase 2 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.21	0.00	5.21	0.34	0.00	0.34						0.00
Off-Road	4.37	30.17	16.68	0.03		2.04	2.04		2.04	2.04		3,304.18		0.39		3,312.41
Total	4.37	30.17	16.68	0.03	5.21	2.04	7.25	0.34	2.04	2.38		3,304.18		0.39		3,312.41

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	lb/day										lb/day					
Hauling	11.55	63.37	114.23	0.04	6.72	0.92	7.64	0.03	0.92	0.95		3,655.62		0.60		3,668.32
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	0.82	0.00	0.20	0.01	0.21	0.01	0.01	0.01		147.92		0.01		148.10
Total	11.63	63.46	115.05	0.04	6.92	0.93	7.85	0.04	0.93	0.96		3,803.54		0.61		3,816.42

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	lb/day										lb/day					
Fugitive Dust					2.23	0.00	2.23	0.15	0.00	0.15						0.00
Off-Road	2.66	16.44	18.75	0.03		1.37	1.37		1.37	1.37	0.00	3,304.18		0.39		3,312.41
Total	2.66	16.44	18.75	0.03	2.23	1.37	3.60	0.15	1.37	1.52	0.00	3,304.18		0.39		3,312.41

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	lb/day										lb/day					
Hauling	11.55	63.37	114.23	0.04	4.98	0.92	5.90	0.03	0.92	0.95		3,655.62		0.60		3,668.32
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.09	0.82	0.00	0.15	0.01	0.16	0.01	0.01	0.01		147.92		0.01		148.10
Total	11.63	63.46	115.05	0.04	5.13	0.93	6.06	0.04	0.93	0.96		3,803.54		0.61		3,816.42

3.4 02 Mass Grading Phase 1 - 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					0.91	0.00	0.91	0.07	0.00	0.07						0.00

Off-Road	34.61	289.68	135.37	0.30		12.99	12.99		12.99	12.99		32,485.08		3.08		32,549.79
Total	34.61	289.68	135.37	0.30	0.91	12.99	13.90	0.07	12.99	13.06		32,485.08		3.08		32,549.79

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	lb/day										lb/day					
Hauling	2.22	12.19	21.97	0.01	10.91	0.18	11.09	0.01	0.18	0.18		703.00		0.12		705.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.30	0.32	3.03	0.01	0.74	0.02	0.76	0.03	0.02	0.05		546.17		0.03		546.82
Total	2.52	12.51	25.00	0.02	11.65	0.20	11.85	0.04	0.20	0.23		1,249.17		0.15		1,252.27

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.39	0.00	0.39	0.03	0.00	0.03						0.00
Off-Road	23.31	150.39	159.05	0.30		9.59	9.59		9.59	9.59	0.00	32,485.08		3.08		32,549.79
Total	23.31	150.39	159.05	0.30	0.39	9.59	9.98	0.03	9.59	9.62	0.00	32,485.08		3.08		32,549.79

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	lb/day										lb/day					
	Hauling	2.22	12.19	21.97	0.01	8.08	0.18	8.25	0.01	0.18	0.18		703.00		0.12	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.30	0.32	3.03	0.01	0.55	0.02	0.58	0.03	0.02	0.05		546.17		0.03		546.82
Total	2.52	12.51	25.00	0.02	8.63	0.20	8.83	0.04	0.20	0.23		1,249.17		0.15		1,252.27

3.4 02 Mass Grading Phase 1 - 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					
Fugitive Dust					0.91	0.00	0.91	0.07	0.00	0.07						0.00
Off-Road	32.85	268.26	129.06	0.30		11.91	11.91		11.91	11.91		32,485.04		2.94		32,546.78
Total	32.85	268.26	129.06	0.30	0.91	11.91	12.82	0.07	11.91	11.98		32,485.04		2.94		32,546.78

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	lb/day										lb/day					
Hauling	2.13	12.44	20.92	0.01	10.91	0.16	11.07	0.01	0.16	0.17		724.47		0.11		726.80
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.28	0.29	2.80	0.01	0.74	0.02	0.76	0.03	0.02	0.05		535.54		0.03		536.15
Total	2.41	12.73	23.72	0.02	11.65	0.18	11.83	0.04	0.18	0.22		1,260.01		0.14		1,262.95

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	lb/day										lb/day					
Fugitive Dust					0.39	0.00	0.39	0.03	0.00	0.03						0.00
Off-Road	23.31	150.39	159.05	0.30		9.59	9.59		9.59	9.59	0.00	32,485.04		2.94		32,546.78
Total	23.31	150.39	159.05	0.30	0.39	9.59	9.98	0.03	9.59	9.62	0.00	32,485.04		2.94		32,546.78

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	lb/day										lb/day					
Hauling	2.13	12.44	20.92	0.01	8.08	0.16	8.24	0.01	0.16	0.17		724.47		0.11		726.80
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.28	0.29	2.80	0.01	0.55	0.02	0.58	0.03	0.02	0.05		535.54		0.03		536.15
Total	2.41	12.73	23.72	0.02	8.63	0.18	8.82	0.04	0.18	0.22		1,260.01		0.14		1,262.95

3.5 08 Mass Grading Phase 2 - 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					0.61	0.00	0.61	0.01	0.00	0.01						0.00
Off-Road	17.77	152.19	71.51	0.16		6.45	6.45		6.45	6.45		17,549.15		1.58		17,582.38
Total	17.77	152.19	71.51	0.16	0.61	6.45	7.06	0.01	6.45	6.46		17,549.15		1.58		17,582.38

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	lb/day										lb/day					
Hauling	4.42	46.55	28.45	0.07	262.00	1.79	263.79	0.24	1.79	2.03		7,062.48		0.22		7,067.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.16	0.17	1.58	0.00	0.38	0.01	0.40	0.01	0.01	0.03		284.46		0.02		284.80
Total	4.58	46.72	30.03	0.07	262.38	1.80	264.19	0.25	1.80	2.06		7,346.94		0.24		7,351.91

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.26	0.00	0.26	0.01	0.00	0.01						0.00
Off-Road	12.42	80.58	86.65	0.16		5.10	5.10		5.10	5.10	0.00	17,549.15		1.58		17,582.38
Total	12.42	80.58	86.65	0.16	0.26	5.10	5.36	0.01	5.10	5.11	0.00	17,549.15		1.58		17,582.38

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	lb/day										lb/day					
Hauling	4.42	46.55	28.45	0.07	193.94	1.79	195.73	0.24	1.79	2.03		7,062.48		0.22		7,067.11

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	0.00	0.00
Worker	0.16	0.17	1.58	0.00	0.29	0.01	0.30	0.01	0.01	0.03		284.46		0.02		284.80
Total	4.58	46.72	30.03	0.07	194.23	1.80	196.03	0.25	1.80	2.06		7,346.94		0.24		7,351.91

3.5 08 Mass Grading Phase 2 - 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					
Fugitive Dust					0.61	0.00	0.61	0.01	0.00	0.01						0.00
Off-Road	16.86	140.65	68.37	0.16		5.89	5.89		5.89	5.89		17,549.13		1.51		17,580.81
Total	16.86	140.65	68.37	0.16	0.61	5.89	6.50	0.01	5.89	5.90		17,549.13		1.51		17,580.81

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	3.97	41.26	25.73	0.07	262.00	1.57	263.57	0.24	1.57	1.81		7,098.38		0.20		7,102.52
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.15	0.15	1.46	0.00	0.38	0.01	0.40	0.01	0.01	0.03		278.93		0.02		279.25
Total	4.12	41.41	27.19	0.07	262.38	1.58	263.97	0.25	1.58	1.84		7,377.31		0.22		7,381.77

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	lb/day										lb/day					
Fugitive Dust					0.26	0.00	0.26	0.01	0.00	0.01						0.00
Off-Road	12.42	80.58	86.65	0.16		5.10	5.10		5.10	5.10	0.00	17,549.13		1.51		17,580.81
Total	12.42	80.58	86.65	0.16	0.26	5.10	5.36	0.01	5.10	5.11	0.00	17,549.13		1.51		17,580.81

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	3.97	41.26	25.73	0.07	193.94	1.57	195.51	0.24	1.57	1.81		7,098.38		0.20		7,102.52
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.15	0.15	1.46	0.00	0.29	0.01	0.30	0.01	0.01	0.03		278.93		0.02		279.25
Total	4.12	41.41	27.19	0.07	194.23	1.58	195.81	0.25	1.58	1.84		7,377.31		0.22		7,381.77

3.6 04 Paving Phase 1 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.76	33.64	19.51	0.04		2.11	2.11		2.11	2.11		3,911.22		0.43		3,920.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	4.76	33.64	19.51	0.04		2.11	2.11		2.11	2.11		3,911.22		0.43		3,920.18

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.76	0.00	0.20	0.01	0.21	0.01	0.01	0.01		145.04		0.01		145.21
Total	0.08	0.08	0.76	0.00	0.20	0.01	0.21	0.01	0.01	0.01		145.04		0.01		145.21

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	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.43		3,920.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.43		3,920.18

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.76	0.00	0.15	0.01	0.16	0.01	0.01	0.01		145.04		0.01		145.21

Total	0.08	0.08	0.76	0.00	0.15	0.01	0.16	0.01	0.01	0.01		145.04		0.01		145.21
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	---------------	--	-------------	--	---------------

3.6 04 Paving Phase 1 - 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	lb/day										lb/day					
Off-Road	4.46	30.78	19.37	0.04		1.93	1.93		1.93	1.93		3,911.22		0.40		3,919.60
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	4.46	30.78	19.37	0.04		1.93	1.93		1.93	1.93		3,911.22		0.40		3,919.60

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.70	0.00	0.20	0.01	0.21	0.01	0.01	0.01		141.81		0.01		141.97
Total	0.07	0.07	0.70	0.00	0.20	0.01	0.21	0.01	0.01	0.01		141.81		0.01		141.97

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	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.40		3,919.60
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.40		3,919.60

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.70	0.00	0.15	0.01	0.16	0.01	0.01	0.01		141.81		0.01		141.97
Total	0.07	0.07	0.70	0.00	0.15	0.01	0.16	0.01	0.01	0.01		141.81		0.01		141.97

3.6 04 Paving Phase 1 - 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	lb/day										lb/day					
Off-Road	4.18	28.10	19.24	0.04		1.76	1.76		1.76	1.76		3,911.22		0.38		3,919.11
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	4.18	28.10	19.24	0.04		1.76	1.76		1.76	1.76		3,911.22		0.38		3,919.11

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.64	0.00	0.20	0.01	0.21	0.01	0.01	0.01		137.87		0.01		138.01
Total	0.07	0.07	0.64	0.00	0.20	0.01	0.21	0.01	0.01	0.01		137.87		0.01		138.01

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	lb/day										lb/day					
Off-Road	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.38		3,919.11
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.38		3,919.11

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.64	0.00	0.15	0.01	0.16	0.01	0.01	0.01		137.87		0.01		138.01
Total	0.07	0.07	0.64	0.00	0.15	0.01	0.16	0.01	0.01	0.01		137.87		0.01		138.01

3.7 10 Paving Phase 2 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.76	33.64	19.51	0.04		2.11	2.11		2.11	2.11		3,911.22		0.43		3,920.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	4.76	33.64	19.51	0.04		2.11	2.11		2.11	2.11		3,911.22		0.43		3,920.18

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.76	0.00	0.20	0.01	0.21	0.01	0.01	0.01		145.04		0.01		145.21
Total	0.08	0.08	0.76	0.00	0.20	0.01	0.21	0.01	0.01	0.01		145.04		0.01		145.21

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	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.43		3,920.18

Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.43		3,920.18

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.76	0.00	0.15	0.01	0.16	0.01	0.01	0.01		145.04		0.01		145.21
Total	0.08	0.08	0.76	0.00	0.15	0.01	0.16	0.01	0.01	0.01		145.04		0.01		145.21

3.7 10 Paving Phase 2 - 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	lb/day										lb/day					
Off-Road	4.46	30.78	19.37	0.04		1.93	1.93		1.93	1.93		3,911.22		0.40		3,919.60
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	4.46	30.78	19.37	0.04		1.93	1.93		1.93	1.93		3,911.22		0.40		3,919.60

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	lb/day										lb/day					
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
Worker	0.07	0.07	0.70	0.00	0.20	0.01	0.21	0.01	0.01	0.01	0.01	141.81	0.01			141.97
Total	0.07	0.07	0.70	0.00	0.20	0.01	0.21	0.01	0.01	0.01		141.81		0.01		141.97

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	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.40		3,919.60
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.40		3,919.60

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.70	0.00	0.15	0.01	0.16	0.01	0.01	0.01		141.81		0.01		141.97
Total	0.07	0.07	0.70	0.00	0.15	0.01	0.16	0.01	0.01	0.01		141.81		0.01		141.97

3.8 03 Precise Grading Phase 1 - 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					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	4.31	31.28	21.20	0.05		1.69	1.69		1.69	1.69		4,249.19		0.38		4,257.24
Total	4.31	31.28	21.20	0.05	0.18	1.69	1.87	0.00	1.69	1.69		4,249.19		0.38		4,257.24

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.17	0.29	0.00	0.41	0.00	0.41	0.00	0.00	0.00		10.08		0.00		10.12
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55
Total	0.12	0.26	1.16	0.00	0.64	0.01	0.65	0.01	0.01	0.02		177.44		0.01		177.67

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	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.38		4,257.24
Total	3.53	20.85	25.05	0.05	0.08	1.67	1.75	0.00	1.67	1.67	0.00	4,249.19		0.38		4,257.24

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.17	0.29	0.00	0.30	0.00	0.30	0.00	0.00	0.00		10.08		0.00		10.12
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.17	0.01	0.18	0.01	0.01	0.02		167.36		0.01		167.55
Total	0.12	0.26	1.16	0.00	0.47	0.01	0.48	0.01	0.01	0.02		177.44		0.01		177.67

3.8 03 Precise Grading Phase 1 - 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	lb/day										lb/day					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	3.97	28.06	21.06	0.05		1.48	1.48		1.48	1.48		4,249.19		0.36		4,256.69
Total	3.97	28.06	21.06	0.05	0.18	1.48	1.66	0.00	1.48	1.48		4,249.19		0.36		4,256.69

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.18	0.28	0.00	0.41	0.00	0.41	0.00	0.00	0.00		10.38		0.00		10.42

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	0.00	0.00
Worker	0.08	0.08	0.81	0.00	0.23	0.01	0.24	0.01	0.01	0.02		163.63		0.01		163.81
Total	0.11	0.26	1.09	0.00	0.64	0.01	0.65	0.01	0.01	0.02		174.01		0.01		174.23

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.36		4,256.69
Total	3.53	20.85	25.05	0.05	0.08	1.67	1.75	0.00	1.67	1.67	0.00	4,249.19		0.36		4,256.69

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.18	0.28	0.00	0.30	0.00	0.30	0.00	0.00	0.00		10.38		0.00		10.42
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.81	0.00	0.17	0.01	0.18	0.01	0.01	0.02		163.63		0.01		163.81
Total	0.11	0.26	1.09	0.00	0.47	0.01	0.48	0.01	0.01	0.02		174.01		0.01		174.23

3.8 03 Precise Grading Phase 1 - 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	lb/day										lb/day					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	3.66	25.11	20.93	0.05		1.29	1.29		1.29	1.29		4,249.19		0.33		4,256.04
Total	3.66	25.11	20.93	0.05	0.18	1.29	1.47	0.00	1.29	1.29		4,249.19		0.33		4,256.04

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.18	0.27	0.00	0.41	0.00	0.41	0.00	0.00	0.00		10.67		0.00		10.70
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.74	0.00	0.23	0.01	0.24	0.01	0.01	0.02		159.08		0.01		159.24
Total	0.11	0.26	1.01	0.00	0.64	0.01	0.65	0.01	0.01	0.02		169.75		0.01		169.94

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					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.33		4,256.04
Total	3.53	20.85	25.05	0.05	0.08	1.67	1.75	0.00	1.67	1.67	0.00	4,249.19		0.33		4,256.04

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.18	0.27	0.00	0.30	0.00	0.30	0.00	0.00	0.00		10.67		0.00		10.70
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.74	0.00	0.17	0.01	0.18	0.01	0.01	0.02		159.08		0.01		159.24
Total	0.11	0.26	1.01	0.00	0.47	0.01	0.48	0.01	0.01	0.02		169.75		0.01		169.94

3.9 09 Precise Grading Phase 2 - 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					
Fugitive Dust					0.17	0.00	0.17	0.00	0.00	0.00						0.00
Off-Road	4.31	31.28	21.20	0.05		1.69	1.69		1.69	1.69		4,249.19		0.38		4,257.24
Total	4.31	31.28	21.20	0.05	0.17	1.69	1.86	0.00	1.69	1.69		4,249.19		0.38		4,257.24

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	0.01	0.06	0.11	0.00	0.12	0.00	0.12	0.00	0.00	0.00		3.64		0.00		3.65
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55

Total	0.10	0.15	0.98	0.00	0.35	0.01	0.36	0.01	0.01	0.02		171.00		0.01		171.20
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--	---------------	--	-------------	--	---------------

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	lb/day										lb/day					
Fugitive Dust					0.07	0.00	0.07	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.38		4,257.24
Total	3.53	20.85	25.05	0.05	0.07	1.67	1.74	0.00	1.67	1.67	0.00	4,249.19		0.38		4,257.24

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	0.01	0.06	0.11	0.00	0.09	0.00	0.09	0.00	0.00	0.00		3.64		0.00		3.65
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.17	0.01	0.18	0.01	0.01	0.02		167.36		0.01		167.55
Total	0.10	0.15	0.98	0.00	0.26	0.01	0.27	0.01	0.01	0.02		171.00		0.01		171.20

3.9 09 Precise Grading Phase 2 - 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	lb/day										lb/day					

Fugitive Dust					0.17	0.00	0.17	0.00	0.00	0.00						0.00
Off-Road	3.97	28.06	21.06	0.05		1.48	1.48		1.48	1.48		4,249.19		0.36		4,256.69
Total	3.97	28.06	21.06	0.05	0.17	1.48	1.65	0.00	1.48	1.48		4,249.19		0.36		4,256.69

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	0.01	0.06	0.10	0.00	0.12	0.00	0.12	0.00	0.00	0.00		3.75		0.00		3.76
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.81	0.00	0.23	0.01	0.24	0.01	0.01	0.02		163.63		0.01		163.81
Total	0.09	0.14	0.91	0.00	0.35	0.01	0.36	0.01	0.01	0.02		167.38		0.01		167.57

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	lb/day										lb/day					
Fugitive Dust					0.07	0.00	0.07	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.36		4,256.69
Total	3.53	20.85	25.05	0.05	0.07	1.67	1.74	0.00	1.67	1.67	0.00	4,249.19		0.36		4,256.69

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	0.01	0.06	0.10	0.00	0.09	0.00	0.09	0.00	0.00	0.00		3.75		0.00		3.76
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.81	0.00	0.17	0.01	0.18	0.01	0.01	0.02		163.63		0.01		163.81
Total	0.09	0.14	0.91	0.00	0.26	0.01	0.27	0.01	0.01	0.02		167.38		0.01		167.57

3.9 09 Precise Grading Phase 2 - 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	lb/day										lb/day					
Fugitive Dust					0.17	0.00	0.17	0.00	0.00	0.00						0.00
Off-Road	3.66	25.11	20.93	0.05		1.29	1.29		1.29	1.29		4,249.19		0.33		4,256.04
Total	3.66	25.11	20.93	0.05	0.17	1.29	1.46	0.00	1.29	1.29		4,249.19		0.33		4,256.04

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	0.01	0.07	0.10	0.00	0.12	0.00	0.12	0.00	0.00	0.00		3.85		0.00		3.86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.74	0.00	0.23	0.01	0.24	0.01	0.01	0.02		159.08		0.01		159.24
Total	0.09	0.15	0.84	0.00	0.35	0.01	0.36	0.01	0.01	0.02		162.93		0.01		163.10

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	lb/day										lb/day					
Fugitive Dust					0.07	0.00	0.07	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.33		4,256.04
Total	3.53	20.85	25.05	0.05	0.07	1.67	1.74	0.00	1.67	1.67	0.00	4,249.19		0.33		4,256.04

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	0.01	0.07	0.10	0.00	0.09	0.00	0.09	0.00	0.00	0.00		3.85		0.00		3.86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.74	0.00	0.17	0.01	0.18	0.01	0.01	0.02		159.08		0.01		159.24
Total	0.09	0.15	0.84	0.00	0.26	0.01	0.27	0.01	0.01	0.02		162.93		0.01		163.10

3.10 05 Building Construction Phase 1 - 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	6.10	44.59	35.37	0.06		2.78	2.78		2.78	2.78		5,895.97		0.55		5,907.46

Total	6.10	44.59	35.37	0.06		2.78	2.78		2.78	2.78		5,895.97		0.55		5,907.46
--------------	-------------	--------------	--------------	-------------	--	-------------	-------------	--	-------------	-------------	--	-----------------	--	-------------	--	-----------------

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.34	14.42	10.25	0.03	0.91	0.46	1.37	0.07	0.46	0.53		2,634.15		0.07		2,635.56
Worker	1.93	2.01	19.12	0.04	5.03	0.16	5.19	0.19	0.16	0.35		3,659.54		0.20		3,663.70
Total	3.27	16.43	29.37	0.07	5.94	0.62	6.56	0.26	0.62	0.88		6,293.69		0.27		6,299.26

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.55		5,907.46
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.55		5,907.46

Mitigated Construction Off-Site

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

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	1.34	14.42	10.25	0.03	0.69	0.46	1.15	0.07	0.46	0.53		2,634.15		0.07		2,635.56
Worker	1.93	2.01	19.12	0.04	3.77	0.16	3.93	0.19	0.16	0.35		3,659.54		0.20		3,663.70
Total	3.27	16.43	29.37	0.07	4.46	0.62	5.08	0.26	0.62	0.88		6,293.69		0.27		6,299.26

3.10 05 Building Construction Phase 1 - 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	lb/day										lb/day					
Off-Road	5.59	40.17	35.29	0.06		2.47	2.47		2.47	2.47			5,895.97	0.50		5,906.53
Total	5.59	40.17	35.29	0.06		2.47	2.47		2.47	2.47			5,895.97	0.50		5,906.53

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.23	13.02	9.47	0.03	0.91	0.41	1.32	0.07	0.41	0.48		2,642.48		0.06		2,643.76
Worker	1.81	1.84	17.60	0.04	5.03	0.16	5.20	0.19	0.16	0.35		3,578.04		0.18		3,581.90
Total	3.04	14.86	27.07	0.07	5.94	0.57	6.52	0.26	0.57	0.83		6,220.52		0.24		6,225.66

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.50		5,906.53
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.50		5,906.53

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.23	13.02	9.47	0.03	0.69	0.41	1.10	0.07	0.41	0.48		2,642.48		0.06		2,643.76
Worker	1.81	1.84	17.60	0.04	3.77	0.16	3.94	0.19	0.16	0.35		3,578.04		0.18		3,581.90
Total	3.04	14.86	27.07	0.07	4.46	0.57	5.04	0.26	0.57	0.83		6,220.52		0.24		6,225.66

3.10 05 Building Construction Phase 1 - 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	lb/day										lb/day					
Off-Road	5.15	36.20	35.23	0.06		2.19	2.19		2.19	2.19		5,895.97		0.46		5,905.67
Total	5.15	36.20	35.23	0.06		2.19	2.19		2.19	2.19		5,895.97		0.46		5,905.67

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.13	11.91	8.83	0.03	0.91	0.37	1.28	0.07	0.37	0.44		2,646.71		0.06		2,647.88
Worker	1.72	1.68	16.23	0.04	5.03	0.16	5.20	0.19	0.16	0.35		3,478.57		0.17		3,482.16
Total	2.85	13.59	25.06	0.07	5.94	0.53	6.48	0.26	0.53	0.79		6,125.28		0.23		6,130.04

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.46		5,905.67
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.46		5,905.67

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.13	11.91	8.83	0.03	0.69	0.37	1.06	0.07	0.37	0.44		2,646.71		0.06		2,647.88
Worker	1.72	1.68	16.23	0.04	3.77	0.16	3.94	0.19	0.16	0.35		3,478.57		0.17		3,482.16
Total	2.85	13.59	25.06	0.07	4.46	0.53	5.00	0.26	0.53	0.79		6,125.28		0.23		6,130.04

3.11 11 Building Construction Phase 2 - 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	6.10	44.59	35.37	0.06		2.78	2.78		2.78	2.78		5,895.97		0.55		5,907.46
Total	6.10	44.59	35.37	0.06		2.78	2.78		2.78	2.78		5,895.97		0.55		5,907.46

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.34	14.42	10.25	0.03	0.91	0.46	1.37	0.07	0.46	0.53		2,634.15		0.07		2,635.56
Worker	1.93	2.01	19.12	0.04	5.03	0.16	5.19	0.19	0.16	0.35		3,659.54		0.20		3,663.70
Total	3.27	16.43	29.37	0.07	5.94	0.62	6.56	0.26	0.62	0.88		6,293.69		0.27		6,299.26

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.55		5,907.46
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.55		5,907.46

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.34	14.42	10.25	0.03	0.69	0.46	1.15	0.07	0.46	0.53		2,634.15		0.07		2,635.56
Worker	1.93	2.01	19.12	0.04	3.77	0.16	3.93	0.19	0.16	0.35		3,659.54		0.20		3,663.70
Total	3.27	16.43	29.37	0.07	4.46	0.62	5.08	0.26	0.62	0.88		6,293.69		0.27		6,299.26

3.11 11 Building Construction Phase 2 - 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	lb/day										lb/day					
Off-Road	5.59	40.17	35.29	0.06		2.47	2.47		2.47	2.47		5,895.97		0.50		5,906.53
Total	5.59	40.17	35.29	0.06		2.47	2.47		2.47	2.47		5,895.97		0.50		5,906.53

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

Vendor	1.23	13.02	9.47	0.03	0.91	0.41	1.32	0.07	0.41	0.48		2,642.48		0.06		2,643.76
Worker	1.81	1.84	17.60	0.04	5.03	0.16	5.20	0.19	0.16	0.35		3,578.04		0.18		3,581.90
Total	3.04	14.86	27.07	0.07	5.94	0.57	6.52	0.26	0.57	0.83		6,220.52		0.24		6,225.66

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.50		5,906.53
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.50		5,906.53

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.23	13.02	9.47	0.03	0.69	0.41	1.10	0.07	0.41	0.48		2,642.48		0.06		2,643.76
Worker	1.81	1.84	17.60	0.04	3.77	0.16	3.94	0.19	0.16	0.35		3,578.04		0.18		3,581.90
Total	3.04	14.86	27.07	0.07	4.46	0.57	5.04	0.26	0.57	0.83		6,220.52		0.24		6,225.66

3.11 11 Building Construction Phase 2 - 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	lb/day										lb/day					
Off-Road	5.15	36.20	35.23	0.06		2.19	2.19		2.19	2.19		5,895.97		0.46		5,905.67
Total	5.15	36.20	35.23	0.06		2.19	2.19		2.19	2.19		5,895.97		0.46		5,905.67

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.13	11.91	8.83	0.03	0.91	0.37	1.28	0.07	0.37	0.44		2,646.71		0.06		2,647.88
Worker	1.72	1.68	16.23	0.04	5.03	0.16	5.20	0.19	0.16	0.35		3,478.57		0.17		3,482.16
Total	2.85	13.59	25.06	0.07	5.94	0.53	6.48	0.26	0.53	0.79		6,125.28		0.23		6,130.04

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.46		5,905.67
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.46		5,905.67

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.13	11.91	8.83	0.03	0.69	0.37	1.06	0.07	0.37	0.44		2,646.71		0.06		2,647.88
Worker	1.72	1.68	16.23	0.04	3.77	0.16	3.94	0.19	0.16	0.35		3,478.57		0.17		3,482.16
Total	2.85	13.59	25.06	0.07	4.46	0.53	5.00	0.26	0.53	0.79		6,125.28		0.23		6,130.04

3.12 06 Architectural Coating Phase 1 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.73					0.00	0.00		0.00	0.00						0.00
Off-Road	2.23	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16
Total	26.96	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.39	0.41	3.85	0.01	1.01	0.03	1.05	0.04	0.03	0.07		736.37		0.04		737.21
Total	0.39	0.41	3.85	0.01	1.01	0.03	1.05	0.04	0.03	0.07		736.37		0.04		737.21

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.73					0.00	0.00		0.00	0.00						0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16
Total	25.97	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.39	0.41	3.85	0.01	0.76	0.03	0.79	0.04	0.03	0.07		736.37		0.04		737.21
Total	0.39	0.41	3.85	0.01	0.76	0.03	0.79	0.04	0.03	0.07		736.37		0.04		737.21

3.12 06 Architectural Coating Phase 1 - 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	lb/day										lb/day					
Archit. Coating	24.73					0.00	0.00		0.00	0.00						0.00

Off-Road	2.03	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79
Total	26.76	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.37	0.37	3.54	0.01	1.01	0.03	1.05	0.04	0.03	0.07		719.97		0.04		720.75
Total	0.37	0.37	3.54	0.01	1.01	0.03	1.05	0.04	0.03	0.07		719.97		0.04		720.75

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.73					0.00	0.00		0.00	0.00						0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79
Total	25.97	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79

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	lb/day										lb/day					
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
Worker	0.37	0.37	3.54	0.01	0.76	0.03	0.79	0.04	0.03	0.07		719.97		0.04		720.75
Total	0.37	0.37	3.54	0.01	0.76	0.03	0.79	0.04	0.03	0.07		719.97		0.04		720.75

3.12 06 Architectural Coating Phase 1 - 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	lb/day										lb/day					
Archit. Coating	24.73					0.00	0.00		0.00	0.00						0.00
Off-Road	1.84	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43
Total	26.57	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.35	0.34	3.27	0.01	1.01	0.03	1.05	0.04	0.03	0.07		699.96		0.03		700.68
Total	0.35	0.34	3.27	0.01	1.01	0.03	1.05	0.04	0.03	0.07		699.96		0.03		700.68

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	lb/day										lb/day					
Archit. Coating	24.73					0.00	0.00		0.00	0.00						0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43
Total	25.97	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.35	0.34	3.27	0.01	0.76	0.03	0.79	0.04	0.03	0.07		699.96		0.03		700.68
Total	0.35	0.34	3.27	0.01	0.76	0.03	0.79	0.04	0.03	0.07		699.96		0.03		700.68

3.13 12 Architectural Coating Phase 2 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	31.24					0.00	0.00		0.00	0.00						0.00
Off-Road	2.23	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16
Total	33.47	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.39	0.41	3.85	0.01	1.01	0.03	1.05	0.04	0.03	0.07		736.37		0.04		737.21
Total	0.39	0.41	3.85	0.01	1.01	0.03	1.05	0.04	0.03	0.07		736.37		0.04		737.21

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	31.24					0.00	0.00		0.00	0.00						0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16
Total	32.48	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16

Mitigated Construction Off-Site

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

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.39	0.41	3.85	0.01	0.76	0.03	0.79	0.04	0.03	0.07		736.37		0.04		737.21
Total	0.39	0.41	3.85	0.01	0.76	0.03	0.79	0.04	0.03	0.07		736.37		0.04		737.21

3.13 12 Architectural Coating Phase 2 - 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	lb/day										lb/day					
Archit. Coating	31.24					0.00	0.00		0.00	0.00						0.00
Off-Road	2.03	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79
Total	33.27	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.37	0.37	3.54	0.01	1.01	0.03	1.05	0.04	0.03	0.07		719.97		0.04		720.75
Total	0.37	0.37	3.54	0.01	1.01	0.03	1.05	0.04	0.03	0.07		719.97		0.04		720.75

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	31.24					0.00	0.00		0.00	0.00						0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79
Total	32.48	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.37	0.37	3.54	0.01	0.76	0.03	0.79	0.04	0.03	0.07		719.97		0.04		720.75
Total	0.37	0.37	3.54	0.01	0.76	0.03	0.79	0.04	0.03	0.07		719.97		0.04		720.75

3.13 12 Architectural Coating Phase 2 - 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	lb/day										lb/day					
Archit. Coating	31.24					0.00	0.00		0.00	0.00						0.00
Off-Road	1.84	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43
Total	33.08	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.35	0.34	3.27	0.01	1.01	0.03	1.05	0.04	0.03	0.07		699.96		0.03		700.68
Total	0.35	0.34	3.27	0.01	1.01	0.03	1.05	0.04	0.03	0.07		699.96		0.03		700.68

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	lb/day										lb/day					
Archit. Coating	31.24					0.00	0.00		0.00	0.00						0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43
Total	32.48	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.35	0.34	3.27	0.01	0.76	0.03	0.79	0.04	0.03	0.07		699.96		0.03		700.68

Total	0.35	0.34	3.27	0.01	0.76	0.03	0.79	0.04	0.03	0.07		699.96		0.03		700.68
-------	------	------	------	------	------	------	------	------	------	------	--	--------	--	------	--	--------

Portola Center - Construction (Alt)
Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	903	Dwelling Unit
Strip Mall	10	1000sqft

1.2 Other Project Characteristics

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

1.3 User Entered Comments

Project Characteristics -
 Land Use - Site Acreage = 131
 Construction Phase - proposed construction schedule
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet

Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet

Trips and VMT - Haul trips for 375,000 cy would occur between the north and south site. 45,000 cy of material would be imported/exported from the south site.

Grading - see assumptions sheet

Construction Off-road Equipment Mitigation -

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	59.09	499.04	255.60	0.55	275.55	21.40	296.94	0.77	21.40	21.76	0.00	58,789.72	0.00	5.03	0.00	58,895.36
2014	97.89	461.45	242.05	0.55	275.55	19.50	295.05	0.63	19.50	19.87	0.00	58,834.12	0.00	4.78	0.00	58,934.60
2015	94.71	252.99	235.53	0.48	15.65	15.20	30.85	0.63	15.20	15.82	0.00	46,107.57	0.00	3.49	0.00	46,180.93
2016	87.58	201.27	209.85	0.44	15.45	11.83	27.29	0.62	11.83	12.45	0.00	41,786.10	0.00	2.84	0.00	41,845.75
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	42.44	288.14	294.43	0.55	203.51	16.64	220.14	0.38	16.64	16.96	0.00	58,789.72	0.00	5.03	0.00	58,895.36
2014	87.62	283.51	290.29	0.55	203.51	16.40	219.91	0.62	16.40	16.73	0.00	58,834.12	0.00	4.78	0.00	58,934.60
2015	87.12	180.31	255.66	0.48	11.64	14.23	25.87	0.62	14.23	14.85	0.00	46,107.57	0.00	3.49	0.00	46,180.93
2016	83.62	158.93	227.34	0.44	11.49	12.60	24.08	0.62	12.60	13.21	0.00	41,786.10	0.00	2.84	0.00	41,845.75
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

3.0 Construction Detail

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Use DPF for Construction Equipment
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 01 Site Preparation Phase 1 - 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					6.27	0.00	6.27	0.34	0.00	0.34						0.00
Off-Road	5.40	36.30	20.56	0.04			2.58	2.58		2.58	2.58		3,829.71		0.48	3,839.88
Total	5.40	36.30	20.56	0.04	6.27	2.58	8.85	0.34	2.58	2.92			3,829.71		0.48	3,839.88

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	10.16	66.73	88.67	0.04	6.72	0.72	7.44	0.03	0.72	0.75		4,043.00		0.53		4,054.16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	1.00	0.00	0.23	0.01	0.24	0.01	0.01	0.02		182.56		0.01		182.78
Total	10.25	66.82	89.67	0.04	6.95	0.73	7.68	0.04	0.73	0.77		4,225.56		0.54		4,236.94

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					
Fugitive Dust					2.68	0.00	2.68	0.15	0.00	0.15						0.00
Off-Road	3.12	19.21	22.17	0.04		1.65	1.65		1.65	1.65	0.00	3,829.71		0.48		3,839.88
Total	3.12	19.21	22.17	0.04	2.68	1.65	4.33	0.15	1.65	1.80	0.00	3,829.71		0.48		3,839.88

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	10.16	66.73	88.67	0.04	4.98	0.72	5.70	0.03	0.72	0.75	4,043.00	0.53		4,054.16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
Worker	0.09	0.09	1.00	0.00	0.17	0.01	0.18	0.01	0.01	0.02	182.56	0.01		182.78	
Total	10.25	66.82	89.67	0.04	5.15	0.73	5.88	0.04	0.73	0.77	4,225.56	0.54		4,236.94	

3.3 07 Site Preparation Phase 2 - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.21	0.00	5.21	0.34	0.00	0.34						0.00
Off-Road	4.37	30.17	16.68	0.03		2.04	2.04		2.04	2.04		3,304.18		0.39		3,312.41
Total	4.37	30.17	16.68	0.03	5.21	2.04	7.25	0.34	2.04	2.38		3,304.18		0.39		3,312.41

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	lb/day										lb/day					
Hauling	10.16	66.73	88.67	0.04	6.72	0.72	7.44	0.03	0.72	0.75	4,043.00		0.53			4,054.16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00
Worker	0.07	0.08	0.87	0.00	0.20	0.01	0.21	0.01	0.01	0.01	158.22		0.01			158.41
Total	10.23	66.81	89.54	0.04	6.92	0.73	7.65	0.04	0.73	0.76	4,201.22		0.54			4,212.57

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	lb/day										lb/day					
Fugitive Dust					2.23	0.00	2.23	0.15	0.00	0.15						0.00
Off-Road	2.66	16.44	18.75	0.03		1.37	1.37		1.37	1.37	0.00	3,304.18		0.39		3,312.41
Total	2.66	16.44	18.75	0.03	2.23	1.37	3.60	0.15	1.37	1.52	0.00	3,304.18		0.39		3,312.41

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	lb/day										lb/day					
Hauling	10.16	66.73	88.67	0.04	4.98	0.72	5.70	0.03	0.72	0.75		4,043.00		0.53		4,054.16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.08	0.87	0.00	0.15	0.01	0.16	0.01	0.01	0.01		158.22		0.01		158.41
Total	10.23	66.81	89.54	0.04	5.13	0.73	5.86	0.04	0.73	0.76		4,201.22		0.54		4,212.57

3.4 02 Mass Grading Phase 1 - 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					0.91	0.00	0.91	0.07	0.00	0.07						0.00
Off-Road	34.61	289.68	135.37	0.30		12.99	12.99		12.99	12.99		32,485.08		3.08		32,549.79
Total	34.61	289.68	135.37	0.30	0.91	12.99	13.90	0.07	12.99	13.06		32,485.08		3.08		32,549.79

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	lb/day										lb/day					
Hauling	1.95	12.83	17.05	0.01	10.91	0.14	11.05	0.01	0.14	0.14		777.50		0.10		779.65
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.28	0.28	3.20	0.01	0.74	0.02	0.76	0.03	0.02	0.05		584.21		0.03		584.89
Total	2.23	13.11	20.25	0.02	11.65	0.16	11.81	0.04	0.16	0.19		1,361.71		0.13		1,364.54

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.39	0.00	0.39	0.03	0.00	0.03						0.00
Off-Road	23.31	150.39	159.05	0.30		9.59	9.59		9.59	9.59	0.00	32,485.08		3.08		32,549.79
Total	23.31	150.39	159.05	0.30	0.39	9.59	9.98	0.03	9.59	9.62	0.00	32,485.08		3.08		32,549.79

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	lb/day										lb/day					
Hauling	1.95	12.83	17.05	0.01	8.08	0.14	8.22	0.01	0.14	0.14		777.50		0.10		779.65
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.28	0.28	3.20	0.01	0.55	0.02	0.58	0.03	0.02	0.05		584.21		0.03		584.89
Total	2.23	13.11	20.25	0.02	8.63	0.16	8.80	0.04	0.16	0.19		1,361.71		0.13		1,364.54

3.4 02 Mass Grading Phase 1 - 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					
Fugitive Dust					0.91	0.00	0.91	0.07	0.00	0.07						0.00
Off-Road	32.85	268.26	129.06	0.30		11.91	11.91		11.91	11.91		32,485.04		2.94		32,546.78
Total	32.85	268.26	129.06	0.30	0.91	11.91	12.82	0.07	11.91	11.98		32,485.04		2.94		32,546.78

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	lb/day										lb/day					
Hauling	1.87	13.15	16.01	0.01	10.91	0.12	11.04	0.01	0.12	0.13		802.17		0.10		804.21
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.26	2.96	0.01	0.74	0.02	0.76	0.03	0.02	0.05		572.86		0.03		573.49
Total	2.13	13.41	18.97	0.02	11.65	0.14	11.80	0.04	0.14	0.18		1,375.03		0.13		1,377.70

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.39	0.00	0.39	0.03	0.00	0.03						0.00
Off-Road	23.31	150.39	159.05	0.30		9.59	9.59		9.59	9.59	0.00	32,485.04		2.94		32,546.78
Total	23.31	150.39	159.05	0.30	0.39	9.59	9.98	0.03	9.59	9.62	0.00	32,485.04		2.94		32,546.78

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	lb/day										lb/day					
Hauling	1.87	13.15	16.01	0.01	8.08	0.12	8.20	0.01	0.12	0.13		802.17		0.10		804.21
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.26	2.96	0.01	0.55	0.02	0.58	0.03	0.02	0.05		572.86		0.03		573.49
Total	2.13	13.41	18.97	0.02	8.63	0.14	8.78	0.04	0.14	0.18		1,375.03		0.13		1,377.70

3.5 08 Mass Grading Phase 2 - 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					0.61	0.00	0.61	0.01	0.00	0.01						0.00
Off-Road	17.77	152.19	71.51	0.16		6.45	6.45		6.45	6.45		17,549.15		1.58		17,582.38
Total	17.77	152.19	71.51	0.16	0.61	6.45	7.06	0.01	6.45	6.46		17,549.15		1.58		17,582.38

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	lb/day										lb/day					
Hauling	4.33	43.90	26.81	0.07	262.00	1.78	263.78	0.24	1.78	2.02		7,089.51		0.22		7,094.03
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00

Worker	0.14	0.15	1.67	0.00	0.38	0.01	0.40	0.01	0.01	0.03		304.27		0.02		304.63
Total	4.47	44.05	28.48	0.07	262.38	1.79	264.18	0.25	1.79	2.05		7,393.78		0.24		7,398.66

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.26	0.00	0.26	0.01	0.00	0.01						0.00
Off-Road	12.42	80.58	86.65	0.16		5.10	5.10		5.10	5.10	0.00	17,549.15		1.58		17,582.38
Total	12.42	80.58	86.65	0.16	0.26	5.10	5.36	0.01	5.10	5.11	0.00	17,549.15		1.58		17,582.38

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	lb/day										lb/day					
Hauling	4.33	43.90	26.81	0.07	193.94	1.78	195.72	0.24	1.78	2.02		7,089.51		0.22		7,094.03
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.14	0.15	1.67	0.00	0.29	0.01	0.30	0.01	0.01	0.03		304.27		0.02		304.63
Total	4.47	44.05	28.48	0.07	194.23	1.79	196.02	0.25	1.79	2.05		7,393.78		0.24		7,398.66

3.5 08 Mass Grading Phase 2 - 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					

Fugitive Dust					0.61	0.00	0.61	0.01	0.00	0.01						0.00
Off-Road	16.86	140.65	68.37	0.16		5.89	5.89		5.89	5.89		17,549.13		1.51		17,580.81
Total	16.86	140.65	68.37	0.16	0.61	5.89	6.50	0.01	5.89	5.90		17,549.13		1.51		17,580.81

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	3.88	39.00	24.07	0.07	262.00	1.55	263.55	0.24	1.55	1.80		7,126.56		0.19		7,130.61
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.13	1.54	0.00	0.38	0.01	0.40	0.01	0.01	0.03		298.37		0.02		298.70
Total	4.01	39.13	25.61	0.07	262.38	1.56	263.95	0.25	1.56	1.83		7,424.93		0.21		7,429.31

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.26	0.00	0.26	0.01	0.00	0.01						0.00
Off-Road	12.42	80.58	86.65	0.16		5.10	5.10		5.10	5.10	0.00	17,549.13		1.51		17,580.81
Total	12.42	80.58	86.65	0.16	0.26	5.10	5.36	0.01	5.10	5.11	0.00	17,549.13		1.51		17,580.81

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	3.88	39.00	24.07	0.07	193.94	1.55	195.50	0.24	1.55	1.80	7,126.56	0.19		7,130.61
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
Worker	0.13	0.13	1.54	0.00	0.29	0.01	0.30	0.01	0.01	0.03	298.37	0.02		298.70	
Total	4.01	39.13	25.61	0.07	194.23	1.56	195.80	0.25	1.56	1.83	7,424.93	0.21		7,429.31	

3.6 04 Paving Phase 1 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.76	33.64	19.51	0.04		2.11	2.11		2.11	2.11		3,911.22		0.43		3,920.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	4.76	33.64	19.51	0.04		2.11	2.11		2.11	2.11		3,911.22		0.43		3,920.18

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.80	0.00	0.20	0.01	0.21	0.01	0.01	0.01		155.15		0.01		155.32
Total	0.07	0.07	0.80	0.00	0.20	0.01	0.21	0.01	0.01	0.01		155.15		0.01		155.32

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	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.43		3,920.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.43		3,920.18

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.80	0.00	0.15	0.01	0.16	0.01	0.01	0.01		155.15		0.01		155.32
Total	0.07	0.07	0.80	0.00	0.15	0.01	0.16	0.01	0.01	0.01		155.15		0.01		155.32

3.6 04 Paving Phase 1 - 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	lb/day										lb/day					
Off-Road	4.46	30.78	19.37	0.04		1.93	1.93		1.93	1.93		3,911.22		0.40		3,919.60
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	4.46	30.78	19.37	0.04		1.93	1.93		1.93	1.93		3,911.22		0.40		3,919.60

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.06	0.74	0.00	0.20	0.01	0.21	0.01	0.01	0.01		151.71		0.01		151.87
Total	0.07	0.06	0.74	0.00	0.20	0.01	0.21	0.01	0.01	0.01		151.71		0.01		151.87

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.40		3,919.60
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.40		3,919.60

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.06	0.74	0.00	0.15	0.01	0.16	0.01	0.01	0.01		151.71		0.01		151.87
Total	0.07	0.06	0.74	0.00	0.15	0.01	0.16	0.01	0.01	0.01		151.71		0.01		151.87

3.6 04 Paving Phase 1 - 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	lb/day										lb/day					
Off-Road	4.18	28.10	19.24	0.04		1.76	1.76		1.76	1.76		3,911.22		0.38		3,919.11
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	4.18	28.10	19.24	0.04		1.76	1.76		1.76	1.76		3,911.22		0.38		3,919.11

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.06	0.68	0.00	0.20	0.01	0.21	0.01	0.01	0.01		147.50		0.01		147.65
Total	0.06	0.06	0.68	0.00	0.20	0.01	0.21	0.01	0.01	0.01		147.50		0.01		147.65

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	lb/day										lb/day					
Off-Road	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.38		3,919.11
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.38		3,919.11

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.06	0.06	0.68	0.00	0.15	0.01	0.16	0.01	0.01	0.01		147.50		0.01		147.65
Total	0.06	0.06	0.68	0.00	0.15	0.01	0.16	0.01	0.01	0.01		147.50		0.01		147.65

3.7 10 Paving Phase 2 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.76	33.64	19.51	0.04		2.11	2.11		2.11	2.11		3,911.22		0.43		3,920.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	4.76	33.64	19.51	0.04		2.11	2.11		2.11	2.11		3,911.22		0.43		3,920.18

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

Worker	0.07	0.07	0.80	0.00	0.20	0.01	0.21	0.01	0.01	0.01		155.15		0.01		155.32
Total	0.07	0.07	0.80	0.00	0.20	0.01	0.21	0.01	0.01	0.01		155.15		0.01		155.32

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	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.43		3,920.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.43		3,920.18

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.80	0.00	0.15	0.01	0.16	0.01	0.01	0.01		155.15		0.01		155.32
Total	0.07	0.07	0.80	0.00	0.15	0.01	0.16	0.01	0.01	0.01		155.15		0.01		155.32

3.7 10 Paving Phase 2 - 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	lb/day										lb/day					

Off-Road	4.46	30.78	19.37	0.04		1.93	1.93		1.93	1.93		3,911.22		0.40		3,919.60
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	4.46	30.78	19.37	0.04		1.93	1.93		1.93	1.93		3,911.22		0.40		3,919.60

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.06	0.74	0.00	0.20	0.01	0.21	0.01	0.01	0.01		151.71		0.01		151.87
Total	0.07	0.06	0.74	0.00	0.20	0.01	0.21	0.01	0.01	0.01		151.71		0.01		151.87

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.40		3,919.60
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	3.02	18.95	22.70	0.04		1.55	1.55		1.55	1.55	0.00	3,911.22		0.40		3,919.60

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		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	0.07	0.06	0.74	0.00	0.15	0.01	0.16	0.01	0.01	0.01	0.01	151.71		0.01		151.87
Total	0.07	0.06	0.74	0.00	0.15	0.01	0.16	0.01	0.01	0.01	0.01	151.71		0.01		151.87

3.8 03 Precise Grading Phase 1 - 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						
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00							0.00
Off-Road	4.31	31.28	21.20	0.05		1.69	1.69		1.69	1.69		4,249.19		0.38			4,257.24
Total	4.31	31.28	21.20	0.05	0.18	1.69	1.87	0.00	1.69	1.69		4,249.19		0.38			4,257.24

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.18	0.22	0.00	0.41	0.00	0.41	0.00	0.00	0.00		11.17		0.00		11.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	0.11	0.26	1.14	0.00	0.64	0.01	0.65	0.01	0.01	0.02		190.19		0.01		190.41

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.38		4,257.24
Total	3.53	20.85	25.05	0.05	0.08	1.67	1.75	0.00	1.67	1.67	0.00	4,249.19		0.38		4,257.24

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.18	0.22	0.00	0.30	0.00	0.30	0.00	0.00	0.00		11.17		0.00		11.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.17	0.01	0.18	0.01	0.01	0.02		179.02		0.01		179.22
Total	0.11	0.26	1.14	0.00	0.47	0.01	0.48	0.01	0.01	0.02		190.19		0.01		190.41

3.8 03 Precise Grading Phase 1 - 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	lb/day										lb/day					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	3.97	28.06	21.06	0.05		1.48	1.48		1.48	1.48		4,249.19		0.36		4,256.69
Total	3.97	28.06	21.06	0.05	0.18	1.48	1.66	0.00	1.48	1.48		4,249.19		0.36		4,256.69

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.19	0.21	0.00	0.41	0.00	0.41	0.00	0.00	0.00		11.51		0.00		11.54
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.07	0.85	0.00	0.23	0.01	0.24	0.01	0.01	0.02		175.05		0.01		175.23
Total	0.11	0.26	1.06	0.00	0.64	0.01	0.65	0.01	0.01	0.02		186.56		0.01		186.77

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	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.36		4,256.69
Total	3.53	20.85	25.05	0.05	0.08	1.67	1.75	0.00	1.67	1.67	0.00	4,249.19		0.36		4,256.69

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.03	0.19	0.21	0.00	0.30	0.00	0.30	0.00	0.00	0.00		11.51		0.00		11.54
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.07	0.85	0.00	0.17	0.01	0.18	0.01	0.01	0.02		175.05		0.01		175.23
Total	0.11	0.26	1.06	0.00	0.47	0.01	0.48	0.01	0.01	0.02		186.56		0.01		186.77

3.8 03 Precise Grading Phase 1 - 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	lb/day										lb/day					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	3.66	25.11	20.93	0.05		1.29	1.29		1.29	1.29		4,249.19		0.33		4,256.04
Total	3.66	25.11	20.93	0.05	0.18	1.29	1.47	0.00	1.29	1.29		4,249.19		0.33		4,256.04

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	0.02	0.19	0.20	0.00	0.41	0.00	0.41	0.00	0.00	0.00		11.84		0.00		11.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.79	0.00	0.23	0.01	0.24	0.01	0.01	0.02		170.20		0.01		170.37
Total	0.09	0.26	0.99	0.00	0.64	0.01	0.65	0.01	0.01	0.02		182.04		0.01		182.24

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.08	0.00	0.08	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.33		4,256.04
Total	3.53	20.85	25.05	0.05	0.08	1.67	1.75	0.00	1.67	1.67	0.00	4,249.19		0.33		4,256.04

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	0.02	0.19	0.20	0.00	0.30	0.00	0.30	0.00	0.00	0.00		11.84		0.00		11.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.79	0.00	0.17	0.01	0.18	0.01	0.01	0.02		170.20		0.01		170.37
Total	0.09	0.26	0.99	0.00	0.47	0.01	0.48	0.01	0.01	0.02		182.04		0.01		182.24

3.9 09 Precise Grading Phase 2 - 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					
Fugitive Dust					0.17	0.00	0.17	0.00	0.00	0.00						0.00
Off-Road	4.31	31.28	21.20	0.05		1.69	1.69		1.69	1.69		4,249.19		0.38		4,257.24
Total	4.31	31.28	21.20	0.05	0.17	1.69	1.86	0.00	1.69	1.69		4,249.19		0.38		4,257.24

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	0.01	0.07	0.08	0.00	0.12	0.00	0.12	0.00	0.00	0.00		4.03		0.00		4.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00

Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	0.09	0.15	1.00	0.00	0.35	0.01	0.36	0.01	0.01	0.02		183.05		0.01		183.26

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.07	0.00	0.07	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.38		4,257.24
Total	3.53	20.85	25.05	0.05	0.07	1.67	1.74	0.00	1.67	1.67	0.00	4,249.19		0.38		4,257.24

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	0.01	0.07	0.08	0.00	0.09	0.00	0.09	0.00	0.00	0.00		4.03		0.00		4.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.17	0.01	0.18	0.01	0.01	0.02		179.02		0.01		179.22
Total	0.09	0.15	1.00	0.00	0.26	0.01	0.27	0.01	0.01	0.02		183.05		0.01		183.26

3.9 09 Precise Grading Phase 2 - 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	lb/day										lb/day					

Fugitive Dust					0.17	0.00	0.17	0.00	0.00	0.00						0.00
Off-Road	3.97	28.06	21.06	0.05		1.48	1.48		1.48	1.48		4,249.19		0.36		4,256.69
Total	3.97	28.06	21.06	0.05	0.17	1.48	1.65	0.00	1.48	1.48		4,249.19		0.36		4,256.69

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	0.01	0.07	0.08	0.00	0.12	0.00	0.12	0.00	0.00	0.00		4.15		0.00		4.16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.07	0.85	0.00	0.23	0.01	0.24	0.01	0.01	0.02		175.05		0.01		175.23
Total	0.09	0.14	0.93	0.00	0.35	0.01	0.36	0.01	0.01	0.02		179.20		0.01		179.39

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.07	0.00	0.07	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.36		4,256.69
Total	3.53	20.85	25.05	0.05	0.07	1.67	1.74	0.00	1.67	1.67	0.00	4,249.19		0.36		4,256.69

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	0.01	0.07	0.08	0.00	0.09	0.00	0.09	0.00	0.00	0.00		4.15		0.00	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.07	0.85	0.00	0.17	0.01	0.18	0.01	0.01	0.02		175.05		0.01		175.23
Total	0.09	0.14	0.93	0.00	0.26	0.01	0.27	0.01	0.01	0.02		179.20		0.01		179.39

3.9 09 Precise Grading Phase 2 - 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	lb/day										lb/day					
Fugitive Dust					0.17	0.00	0.17	0.00	0.00	0.00						0.00
Off-Road	3.66	25.11	20.93	0.05		1.29	1.29		1.29	1.29		4,249.19		0.33		4,256.04
Total	3.66	25.11	20.93	0.05	0.17	1.29	1.46	0.00	1.29	1.29		4,249.19		0.33		4,256.04

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	0.01	0.07	0.07	0.00	0.12	0.00	0.12	0.00	0.00	0.00		4.27		0.00		4.28
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.79	0.00	0.23	0.01	0.24	0.01	0.01	0.02		170.20		0.01		170.37
Total	0.08	0.14	0.86	0.00	0.35	0.01	0.36	0.01	0.01	0.02		174.47		0.01		174.65

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	lb/day										lb/day					
Fugitive Dust					0.07	0.00	0.07	0.00	0.00	0.00						0.00
Off-Road	3.53	20.85	25.05	0.05		1.67	1.67		1.67	1.67	0.00	4,249.19		0.33		4,256.04
Total	3.53	20.85	25.05	0.05	0.07	1.67	1.74	0.00	1.67	1.67	0.00	4,249.19		0.33		4,256.04

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	0.01	0.07	0.07	0.00	0.09	0.00	0.09	0.00	0.00	0.00		4.27		0.00		4.28
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.07	0.07	0.79	0.00	0.17	0.01	0.18	0.01	0.01	0.02		170.20		0.01		170.37
Total	0.08	0.14	0.86	0.00	0.26	0.01	0.27	0.01	0.01	0.02		174.47		0.01		174.65

3.10 05 Building Construction Phase 1 - 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	6.10	44.59	35.37	0.06		2.78	2.78		2.78	2.78		5,895.97		0.55		5,907.46
Total	6.10	44.59	35.37	0.06		2.78	2.78		2.78	2.78		5,895.97		0.55		5,907.46

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.28	13.74	9.19	0.03	0.91	0.45	1.36	0.07	0.45	0.52		2,649.99		0.06		2,651.33
Worker	1.76	1.76	20.21	0.04	5.03	0.16	5.19	0.19	0.16	0.35		3,914.55		0.21		3,918.88
Total	3.04	15.50	29.40	0.07	5.94	0.61	6.55	0.26	0.61	0.87		6,564.54		0.27		6,570.21

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.55		5,907.46
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.55		5,907.46

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.28	13.74	9.19	0.03	0.69	0.45	1.14	0.07	0.45	0.52		2,649.99		0.06		2,651.33
Worker	1.76	1.76	20.21	0.04	3.77	0.16	3.93	0.19	0.16	0.35		3,914.55		0.21		3,918.88
Total	3.04	15.50	29.40	0.07	4.46	0.61	5.07	0.26	0.61	0.87		6,564.54		0.27		6,570.21

3.10 05 Building Construction Phase 1 - 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	lb/day										lb/day					
Off-Road	5.59	40.17	35.29	0.06		2.47	2.47		2.47	2.47		5,895.97		0.50		5,906.53
Total	5.59	40.17	35.29	0.06		2.47	2.47		2.47	2.47		5,895.97		0.50		5,906.53

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.17	12.46	8.41	0.03	0.91	0.40	1.32	0.07	0.40	0.47		2,658.97		0.06		2,660.20
Worker	1.66	1.60	18.64	0.04	5.03	0.16	5.20	0.19	0.16	0.35		3,827.68		0.19		3,831.70
Total	2.83	14.06	27.05	0.07	5.94	0.56	6.52	0.26	0.56	0.82		6,486.65		0.25		6,491.90

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.50		5,906.53
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.50		5,906.53

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.17	12.46	8.41	0.03	0.69	0.40	1.10	0.07	0.40	0.47		2,658.97		0.06		2,660.20
Worker	1.66	1.60	18.64	0.04	3.77	0.16	3.94	0.19	0.16	0.35		3,827.68		0.19		3,831.70
Total	2.83	14.06	27.05	0.07	4.46	0.56	5.04	0.26	0.56	0.82		6,486.65		0.25		6,491.90

3.10 05 Building Construction Phase 1 - 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	lb/day										lb/day					
Off-Road	5.15	36.20	35.23	0.06		2.19	2.19		2.19	2.19		5,895.97		0.46		5,905.67
Total	5.15	36.20	35.23	0.06		2.19	2.19		2.19	2.19		5,895.97		0.46		5,905.67

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.07	11.44	7.78	0.03	0.91	0.36	1.28	0.07	0.36	0.43		2,663.84		0.05		2,664.96
Worker	1.57	1.47	17.22	0.04	5.03	0.16	5.20	0.19	0.16	0.35		3,721.62		0.18		3,725.34
Total	2.64	12.91	25.00	0.07	5.94	0.52	6.48	0.26	0.52	0.78		6,385.46		0.23		6,390.30

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	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.46		5,905.67
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.46		5,905.67

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.07	11.44	7.78	0.03	0.69	0.36	1.06	0.07	0.36	0.43		2,663.84		0.05		2,664.96
Worker	1.57	1.47	17.22	0.04	3.77	0.16	3.94	0.19	0.16	0.35		3,721.62		0.18		3,725.34
Total	2.64	12.91	25.00	0.07	4.46	0.52	5.00	0.26	0.52	0.78		6,385.46		0.23		6,390.30

3.11 11 Building Construction Phase 2 - 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	6.10	44.59	35.37	0.06		2.78	2.78		2.78	2.78		5,895.97		0.55		5,907.46
Total	6.10	44.59	35.37	0.06		2.78	2.78		2.78	2.78		5,895.97		0.55		5,907.46

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.28	13.74	9.19	0.03	0.91	0.45	1.36	0.07	0.45	0.52		2,649.99		0.06		2,651.33
Worker	1.76	1.76	20.21	0.04	5.03	0.16	5.19	0.19	0.16	0.35		3,914.55		0.21		3,918.88
Total	3.04	15.50	29.40	0.07	5.94	0.61	6.55	0.26	0.61	0.87		6,564.54		0.27		6,570.21

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.55		5,907.46
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.55		5,907.46

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.28	13.74	9.19	0.03	0.69	0.45	1.14	0.07	0.45	0.52		2,649.99		0.06		2,651.33
Worker	1.76	1.76	20.21	0.04	3.77	0.16	3.93	0.19	0.16	0.35		3,914.55		0.21		3,918.88

Total	3.04	15.50	29.40	0.07	4.46	0.61	5.07	0.26	0.61	0.87		6,564.54		0.27		6,570.21
-------	------	-------	-------	------	------	------	------	------	------	------	--	----------	--	------	--	----------

3.11 11 Building Construction Phase 2 - 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	lb/day										lb/day					
Off-Road	5.59	40.17	35.29	0.06		2.47	2.47		2.47	2.47		5,895.97		0.50		5,906.53
Total	5.59	40.17	35.29	0.06		2.47	2.47		2.47	2.47		5,895.97		0.50		5,906.53

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.17	12.46	8.41	0.03	0.91	0.40	1.32	0.07	0.40	0.47		2,658.97		0.06		2,660.20
Worker	1.66	1.60	18.64	0.04	5.03	0.16	5.20	0.19	0.16	0.35		3,827.68		0.19		3,831.70
Total	2.83	14.06	27.05	0.07	5.94	0.56	6.52	0.26	0.56	0.82		6,486.65		0.25		6,491.90

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.50		5,906.53
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.50		5,906.53

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.17	12.46	8.41	0.03	0.69	0.40	1.10	0.07	0.40	0.47		2,658.97		0.06		2,660.20
Worker	1.66	1.60	18.64	0.04	3.77	0.16	3.94	0.19	0.16	0.35		3,827.68		0.19		3,831.70
Total	2.83	14.06	27.05	0.07	4.46	0.56	5.04	0.26	0.56	0.82		6,486.65		0.25		6,491.90

3.11 11 Building Construction Phase 2 - 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	lb/day										lb/day					
Off-Road	5.15	36.20	35.23	0.06		2.19	2.19		2.19	2.19		5,895.97		0.46		5,905.67
Total	5.15	36.20	35.23	0.06		2.19	2.19		2.19	2.19		5,895.97		0.46		5,905.67

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.07	11.44	7.78	0.03	0.91	0.36	1.28	0.07	0.36	0.43		2,663.84		0.05		2,664.96

Worker	1.57	1.47	17.22	0.04	5.03	0.16	5.20	0.19	0.16	0.35		3,721.62		0.18		3,725.34
Total	2.64	12.91	25.00	0.07	5.94	0.52	6.48	0.26	0.52	0.78		6,385.46		0.23		6,390.30

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	lb/day										lb/day					
Off-Road	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.46		5,905.67
Total	4.48	28.29	38.39	0.06		2.55	2.55		2.55	2.55	0.00	5,895.97		0.46		5,905.67

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	1.07	11.44	7.78	0.03	0.69	0.36	1.06	0.07	0.36	0.43		2,663.84		0.05		2,664.96
Worker	1.57	1.47	17.22	0.04	3.77	0.16	3.94	0.19	0.16	0.35		3,721.62		0.18		3,725.34
Total	2.64	12.91	25.00	0.07	4.46	0.52	5.00	0.26	0.52	0.78		6,385.46		0.23		6,390.30

3.12 06 Architectural Coating Phase 1 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.73					0.00	0.00		0.00	0.00						0.00

Off-Road	2.23	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16
Total	26.96	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.35	0.35	4.07	0.01	1.01	0.03	1.05	0.04	0.03	0.07		787.68		0.04		788.55
Total	0.35	0.35	4.07	0.01	1.01	0.03	1.05	0.04	0.03	0.07		787.68		0.04		788.55

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.73					0.00	0.00		0.00	0.00						0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16
Total	25.97	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16

Mitigated Construction Off-Site

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

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
Worker	0.35	0.35	4.07	0.01	0.76	0.03	0.79	0.04	0.03	0.07		787.68		0.04		788.55
Total	0.35	0.35	4.07	0.01	0.76	0.03	0.79	0.04	0.03	0.07		787.68		0.04		788.55

3.12 06 Architectural Coating Phase 1 - 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	lb/day										lb/day					
Archit. Coating	24.73					0.00	0.00		0.00	0.00						0.00
Off-Road	2.03	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79
Total	26.76	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.33	0.32	3.75	0.01	1.01	0.03	1.05	0.04	0.03	0.07		770.20		0.04		771.01
Total	0.33	0.32	3.75	0.01	1.01	0.03	1.05	0.04	0.03	0.07		770.20		0.04		771.01

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	lb/day										lb/day					
Archit. Coating	24.73					0.00	0.00		0.00	0.00						0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79
Total	25.97	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.33	0.32	3.75	0.01	0.76	0.03	0.79	0.04	0.03	0.07		770.20		0.04		771.01
Total	0.33	0.32	3.75	0.01	0.76	0.03	0.79	0.04	0.03	0.07		770.20		0.04		771.01

3.12 06 Architectural Coating Phase 1 - 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	lb/day										lb/day					
Archit. Coating	24.73					0.00	0.00		0.00	0.00						0.00
Off-Road	1.84	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43
Total	26.57	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17		1,409.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Worker	0.32	0.30	3.47	0.01	1.01	0.03	1.05	0.04	0.03	0.07		748.86		0.04			749.61
Total	0.32	0.30	3.47	0.01	1.01	0.03	1.05	0.04	0.03	0.07		748.86		0.04			749.61

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	24.73					0.00	0.00		0.00	0.00							0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17			1,409.43
Total	25.97	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17			1,409.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00			0.00
Worker	0.32	0.30	3.47	0.01	0.76	0.03	0.79	0.04	0.03	0.07		748.86		0.04			749.61
Total	0.32	0.30	3.47	0.01	0.76	0.03	0.79	0.04	0.03	0.07		748.86		0.04			749.61

3.13 12 Architectural Coating Phase 2 - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	31.24					0.00	0.00		0.00	0.00						0.00
Off-Road	2.23	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16
Total	33.47	13.87	9.60	0.01		1.22	1.22		1.22	1.22		1,405.95		0.20		1,410.16

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.35	0.35	4.07	0.01	1.01	0.03	1.05	0.04	0.03	0.07		787.68		0.04		788.55
Total	0.35	0.35	4.07	0.01	1.01	0.03	1.05	0.04	0.03	0.07		787.68		0.04		788.55

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	31.24					0.00	0.00		0.00	0.00						0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16
Total	32.48	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.20		1,410.16

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.35	0.35	4.07	0.01	0.76	0.03	0.79	0.04	0.03	0.07		787.68		0.04		788.55
Total	0.35	0.35	4.07	0.01	0.76	0.03	0.79	0.04	0.03	0.07		787.68		0.04		788.55

3.13 12 Architectural Coating Phase 2 - 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	lb/day										lb/day					
Archit. Coating	31.24					0.00	0.00		0.00	0.00						0.00
Off-Road	2.03	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79
Total	33.27	12.84	9.50	0.01		1.10	1.10		1.10	1.10		1,405.95		0.18		1,409.79

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

Worker	0.33	0.32	3.75	0.01	1.01	0.03	1.05	0.04	0.03	0.07		770.20		0.04		771.01
Total	0.33	0.32	3.75	0.01	1.01	0.03	1.05	0.04	0.03	0.07		770.20		0.04		771.01

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	lb/day										lb/day					
Archit. Coating	31.24					0.00	0.00		0.00	0.00						0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79
Total	32.48	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.18		1,409.79

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	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.33	0.32	3.75	0.01	0.76	0.03	0.79	0.04	0.03	0.07		770.20		0.04		771.01
Total	0.33	0.32	3.75	0.01	0.76	0.03	0.79	0.04	0.03	0.07		770.20		0.04		771.01

3.13 12 Architectural Coating Phase 2 - 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	lb/day										lb/day					

Archit. Coating	31.24					0.00	0.00		0.00	0.00					0.00
Off-Road	1.84	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17	1,409.43
Total	33.08	11.85	9.41	0.01		0.98	0.98		0.98	0.98		1,405.95		0.17	1,409.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.32	0.30	3.47	0.01	1.01	0.03	1.05	0.04	0.03	0.07		748.86		0.04		749.61
Total	0.32	0.30	3.47	0.01	1.01	0.03	1.05	0.04	0.03	0.07		748.86		0.04		749.61

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	31.24					0.00	0.00		0.00	0.00						0.00
Off-Road	1.24	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43
Total	32.48	7.42	9.15	0.01		0.74	0.74		0.74	0.74	0.00	1,405.95		0.17		1,409.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.32	0.30	3.47	0.01	0.76	0.03	0.79	0.04	0.03	0.07		748.86		0.04		749.61
Total	0.32	0.30	3.47	0.01	0.76	0.03	0.79	0.04	0.03	0.07		748.86		0.04		749.61

**Portola Center - Construction (Alt)
Orange County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Single Family Housing	903	Dwelling Unit
Strip Mall	10	1000sqft

1.2 Other Project Characteristics

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

1.3 User Entered Comments

Project Characteristics -
 Land Use - Site Acreage = 131
 Construction Phase - proposed construction schedule
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet

Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet
 Off-road Equipment - proposed equipment fleet

Trips and VMT - Haul trips for 375,000 cy would occur between the north and south site. 45,000 cy of material would be imported/exported from the south site.

Grading - see assumptions sheet

Construction Off-road Equipment Mitigation -

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	1.65	12.98	8.50	0.01	5.71	0.53	6.25	0.04	0.53	0.57	0.00	1,303.60	1,303.60	0.12	0.00	1,306.12
2014	7.98	42.06	26.67	0.06	11.79	2.03	13.82	0.07	2.03	2.09	0.00	5,210.24	5,210.24	0.44	0.00	5,219.43
2015	12.32	32.63	30.50	0.06	1.89	1.96	3.85	0.09	1.96	2.05	0.00	5,361.89	5,361.89	0.41	0.00	5,370.47
2016	4.99	11.54	12.21	0.03	0.90	0.68	1.58	0.05	0.68	0.72	0.00	2,179.72	2,179.72	0.15	0.00	2,182.82
Total	26.94	99.21	77.88	0.16	20.29	5.20	25.50	0.25	5.20	5.43	0.00	14,055.45	14,055.45	1.12	0.00	14,078.84

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	1.24	8.09	9.38	0.01	4.15	0.41	4.56	0.02	0.41	0.43	0.00	1,303.60	1,303.60	0.12	0.00	1,306.12
2014	6.58	26.00	30.65	0.06	8.67	1.69	10.36	0.05	1.69	1.74	0.00	5,210.24	5,210.24	0.44	0.00	5,219.43
2015	11.35	23.28	33.09	0.06	1.39	1.84	3.23	0.09	1.84	1.92	0.00	5,361.89	5,361.89	0.41	0.00	5,370.47
2016	4.77	9.17	13.20	0.03	0.65	0.73	1.38	0.04	0.73	0.77	0.00	2,179.72	2,179.72	0.15	0.00	2,182.82
Total	23.94	66.54	86.32	0.16	14.86	4.67	19.53	0.20	4.67	4.86	0.00	14,055.45	14,055.45	1.12	0.00	14,078.84

3.0 Construction Detail

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Use DPF for Construction Equipment
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 01 Site Preparation Phase 1 - 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	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.06	0.42	0.24	0.00		0.03	0.03		0.03	0.03	0.00	39.94	39.94	0.01	0.00	40.05
Total	0.06	0.42	0.24	0.00	0.07	0.03	0.10	0.01	0.03	0.04	0.00	39.94	39.94	0.01	0.00	40.05

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	0.13	0.75	1.23	0.00	0.07	0.01	0.08	0.00	0.01	0.01	0.00	40.50	40.50	0.01	0.00	40.62
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	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	1.82	1.82	0.00	0.00	1.82
Total	0.13	0.75	1.24	0.00	0.07	0.01	0.08	0.00	0.01	0.01	0.00	42.32	42.32	0.01	0.00	42.44

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.22	0.25	0.00		0.02	0.02		0.02	0.02	0.00	39.94	39.94	0.01	0.00	40.05
Total	0.04	0.22	0.25	0.00	0.03	0.02	0.05	0.00	0.02	0.02	0.00	39.94	39.94	0.01	0.00	40.05

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	0.13	0.75	1.23	0.00	0.05	0.01	0.06	0.00	0.01	0.01	0.00	40.50	40.50	0.01	0.00	40.62
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	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	1.82	1.82	0.00	0.00	1.82
Total	0.13	0.75	1.24	0.00	0.05	0.01	0.06	0.00	0.01	0.01	0.00	42.32	42.32	0.01	0.00	42.44

3.3 07 Site Preparation Phase 2 - 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					0.06	0.00	0.06	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.05	0.35	0.19	0.00		0.02	0.02		0.02	0.02	0.00	34.46	34.46	0.00	0.00	34.55
Total	0.05	0.35	0.19	0.00	0.06	0.02	0.08	0.01	0.02	0.03	0.00	34.46	34.46	0.00	0.00	34.55

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	0.13	0.75	1.23	0.00	0.07	0.01	0.08	0.00	0.01	0.01	0.00	40.50	40.50	0.01	0.00	40.62
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	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	1.58	1.58	0.00	0.00	1.58

Total	0.13	0.75	1.24	0.00	0.07	0.01	0.08	0.00	0.01	0.01	0.00	42.08	42.08	0.01	0.00	42.20
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--------------	--------------	-------------	-------------	--------------

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					
Fugitive Dust					0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.03	0.19	0.22	0.00		0.02	0.02		0.02	0.02	0.00	34.46	34.46	0.00	0.00	34.55
Total	0.03	0.19	0.22	0.00	0.03	0.02	0.05	0.00	0.02	0.02	0.00	34.46	34.46	0.00	0.00	34.55

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	0.13	0.75	1.23	0.00	0.05	0.01	0.06	0.00	0.01	0.01	0.00	40.50	40.50	0.01	0.00	40.62
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	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	1.58	1.58	0.00	0.00	1.58
Total	0.13	0.75	1.24	0.00	0.05	0.01	0.06	0.00	0.01	0.01	0.00	42.08	42.08	0.01	0.00	42.20

3.4 02 Mass Grading Phase 1 - 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					0.09	0.00	0.09	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.74	6.23	2.91	0.01		0.28	0.28		0.28	0.28	0.00	633.43	633.43	0.06	0.00	634.69
Total	0.74	6.23	2.91	0.01	0.09	0.28	0.37	0.01	0.28	0.29	0.00	633.43	633.43	0.06	0.00	634.69

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	0.05	0.27	0.44	0.00	0.21	0.00	0.21	0.00	0.00	0.00	0.00	14.56	14.56	0.00	0.00	14.61
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	0.00	0.00
Worker	0.01	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	10.89	10.89	0.00	0.00	10.90
Total	0.06	0.28	0.51	0.00	0.22	0.00	0.22	0.00	0.00	0.00	0.00	25.45	25.45	0.00	0.00	25.51

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					0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.50	3.23	3.42	0.01		0.21	0.21		0.21	0.21	0.00	633.43	633.43	0.06	0.00	634.69
Total	0.50	3.23	3.42	0.01	0.04	0.21	0.25	0.00	0.21	0.21	0.00	633.43	633.43	0.06	0.00	634.69

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	0.05	0.27	0.44	0.00	0.16	0.00	0.16	0.00	0.00	0.00	0.00	14.56	14.56	0.00	0.00	14.61
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	0.00	0.00
Worker	0.01	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	10.89	10.89	0.00	0.00	10.90
Total	0.06	0.28	0.51	0.00	0.17	0.00	0.17	0.00	0.00	0.00	0.00	25.45	25.45	0.00	0.00	25.51

3.4 02 Mass Grading Phase 1 - 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					0.09	0.00	0.09	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	2.50	20.38	9.81	0.02		0.90	0.90		0.90	0.90	0.00	2,239.10	2,239.10	0.20	0.00	2,243.36
Total	2.50	20.38	9.81	0.02	0.09	0.90	0.99	0.01	0.90	0.91	0.00	2,239.10	2,239.10	0.20	0.00	2,243.36

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	0.16	0.98	1.48	0.00	0.75	0.01	0.76	0.00	0.01	0.01	0.00	53.07	53.07	0.01	0.00	53.23
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	0.00	0.00
Worker	0.02	0.02	0.22	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	37.75	37.75	0.00	0.00	37.79
Total	0.18	1.00	1.70	0.00	0.80	0.01	0.81	0.00	0.01	0.01	0.00	90.82	90.82	0.01	0.00	91.02

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					0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.77	11.43	12.08	0.02		0.73	0.73		0.73	0.73	0.00	2,239.10	2,239.10	0.20	0.00	2,243.36
Total	1.77	11.43	12.08	0.02	0.04	0.73	0.77	0.00	0.73	0.73	0.00	2,239.10	2,239.10	0.20	0.00	2,243.36

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	0.16	0.98	1.48	0.00	0.55	0.01	0.56	0.00	0.01	0.01	0.00	53.07	53.07	0.01	0.00	53.23
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	0.00	0.00
Worker	0.02	0.02	0.22	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	37.75	37.75	0.00	0.00	37.79
Total	0.18	1.00	1.70	0.00	0.59	0.01	0.60	0.00	0.01	0.01	0.00	90.82	90.82	0.01	0.00	91.02

3.5 08 Mass Grading Phase 2 - 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					0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Off-Road	0.38	3.27	1.54	0.00		0.14	0.14		0.14	0.14	0.00	342.19	342.19	0.03	0.00	342.84
Total	0.38	3.27	1.54	0.00	0.04	0.14	0.18	0.00	0.14	0.14	0.00	342.19	342.19	0.03	0.00	342.84

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.09	0.93	0.60	0.00	5.08	0.04	5.12	0.01	0.04	0.04	0.00	138.06	138.06	0.00	0.00	138.15
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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.67	5.67	0.00	0.00	5.68
Total	0.09	0.93	0.63	0.00	5.09	0.04	5.13	0.01	0.04	0.04	0.00	143.73	143.73	0.00	0.00	143.83

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					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.27	1.73	1.86	0.00		0.11	0.11		0.11	0.11	0.00	342.19	342.19	0.03	0.00	342.84
Total	0.27	1.73	1.86	0.00	0.02	0.11	0.13	0.00	0.11	0.11	0.00	342.19	342.19	0.03	0.00	342.84

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
--	-----	-----	----	-----	---------------	--------------	------------	----------------	---------------	-------------	----------	-----------	-----------	-----	-----	------

Category	tons/yr										MT/yr					
	Hauling	0.09	0.93	0.60	0.00	3.76	0.04	3.80	0.01	0.04	0.04	0.00	138.06	138.06	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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.67	5.67	0.00	0.00	5.68
Total	0.09	0.93	0.63	0.00	3.77	0.04	3.81	0.01	0.04	0.04	0.00	143.73	143.73	0.00	0.00	143.83

3.5 08 Mass Grading Phase 2 - 2014

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Fugitive Dust					0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.72	6.05	2.94	0.01		0.25	0.25		0.25	0.25	0.00	684.39	684.39	0.06	0.00	685.62
Total	0.72	6.05	2.94	0.01	0.04	0.25	0.29	0.00	0.25	0.25	0.00	684.39	684.39	0.06	0.00	685.62

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Hauling	0.17	1.66	1.09	0.00	10.16	0.07	10.22	0.01	0.07	0.08	0.00	277.54	277.54	0.01	0.00	277.70
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	0.00	0.00
Worker	0.01	0.01	0.06	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	11.12	11.12	0.00	0.00	11.14
Total	0.18	1.67	1.15	0.00	10.17	0.07	10.24	0.01	0.07	0.08	0.00	288.66	288.66	0.01	0.00	288.84

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	tons/yr										MT/yr					
Fugitive Dust					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.53	3.46	3.73	0.01		0.22	0.22		0.22	0.22	0.00	684.39	684.39	0.06	0.00	685.62
Total	0.53	3.46	3.73	0.01	0.02	0.22	0.24	0.00	0.22	0.22	0.00	684.39	684.39	0.06	0.00	685.62

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	0.17	1.66	1.09	0.00	7.52	0.07	7.59	0.01	0.07	0.08	0.00	277.54	277.54	0.01	0.00	277.70
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	0.00	0.00
Worker	0.01	0.01	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	11.12	11.12	0.00	0.00	11.14
Total	0.18	1.67	1.15	0.00	7.53	0.07	7.60	0.01	0.07	0.08	0.00	288.66	288.66	0.01	0.00	288.84

3.6 04 Paving Phase 1 - 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	0.26	1.83	1.06	0.00		0.11	0.11		0.11	0.11	0.00	193.32	193.32	0.02	0.00	193.77
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.26	1.83	1.06	0.00		0.11	0.11		0.11	0.11	0.00	193.32	193.32	0.02	0.00	193.77

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34

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	0.16	1.03	1.24	0.00		0.08	0.08		0.08	0.08	0.00	193.32	193.32	0.02	0.00	193.77
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	1.03	1.24	0.00		0.08	0.08		0.08	0.08	0.00	193.32	193.32	0.02	0.00	193.77

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34

3.6 04 Paving Phase 1 - 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	0.58	4.02	2.53	0.01		0.25	0.25		0.25	0.25	0.00	462.91	462.91	0.05	0.00	463.91
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.58	4.02	2.53	0.01		0.25	0.25		0.25	0.25	0.00	462.91	462.91	0.05	0.00	463.91

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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	17.16	17.16	0.00	0.00	17.18
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	17.16	17.16	0.00	0.00	17.18

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	0.39	2.47	2.96	0.01		0.20	0.20		0.20	0.20	0.00	462.91	462.91	0.05	0.00	463.91
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.39	2.47	2.96	0.01		0.20	0.20		0.20	0.20	0.00	462.91	462.91	0.05	0.00	463.91

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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	17.16	17.16	0.00	0.00	17.18
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	17.16	17.16	0.00	0.00	17.18

3.6 04 Paving Phase 1 - 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	0.18	1.21	0.83	0.00		0.08	0.08		0.08	0.08	0.00	152.53	152.53	0.01	0.00	152.84
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.18	1.21	0.83	0.00		0.08	0.08		0.08	0.08	0.00	152.53	152.53	0.01	0.00	152.84

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50
Total	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50

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	0.13	0.81	0.98	0.00		0.07	0.07		0.07	0.07	0.00	152.53	152.53	0.01	0.00	152.84
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.13	0.81	0.98	0.00		0.07	0.07		0.07	0.07	0.00	152.53	152.53	0.01	0.00	152.84

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	0.00	0.00
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50

Total	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50
-------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

3.7 10 Paving Phase 2 - 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	0.26	1.83	1.06	0.00		0.11	0.11		0.11	0.11	0.00	193.32	193.32	0.02	0.00	193.77
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.26	1.83	1.06	0.00		0.11	0.11		0.11	0.11	0.00	193.32	193.32	0.02	0.00	193.77

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34

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	0.16	1.03	1.24	0.00		0.08	0.08		0.08	0.08	0.00	193.32	193.32	0.02	0.00	193.77
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	1.03	1.24	0.00		0.08	0.08		0.08	0.08	0.00	193.32	193.32	0.02	0.00	193.77

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	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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.33	7.33	0.00	0.00	7.34

3.7 10 Paving Phase 2 - 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	0.53	3.66	2.30	0.00		0.23	0.23		0.23	0.23	0.00	422.12	422.12	0.04	0.00	423.03
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.53	3.66	2.30	0.00		0.23	0.23		0.23	0.23	0.00	422.12	422.12	0.04	0.00	423.03

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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.65	15.65	0.00	0.00	15.67
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.65	15.65	0.00	0.00	15.67

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	0.36	2.25	2.70	0.00		0.18	0.18		0.18	0.18	0.00	422.12	422.12	0.04	0.00	423.03
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.36	2.25	2.70	0.00		0.18	0.18		0.18	0.18	0.00	422.12	422.12	0.04	0.00	423.03

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	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	0.00	0.00
Worker	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.65	15.65	0.00	0.00	15.67
Total	0.01	0.01	0.09	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.65	15.65	0.00	0.00	15.67

3.8 03 Precise Grading Phase 1 - 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					0.05	0.00	0.05	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.19	1.38	0.93	0.00		0.07	0.07		0.07	0.07	0.00	169.57	169.57	0.02	0.00	169.89
Total	0.19	1.38	0.93	0.00	0.05	0.07	0.12	0.01	0.07	0.08	0.00	169.57	169.57	0.02	0.00	169.89

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	0.01	0.01	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.43	0.43	0.00	0.00	0.43
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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.83	6.83	0.00	0.00	6.84
Total	0.00	0.01	0.05	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	7.26	7.26	0.00	0.00	7.27

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					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Off-Road	0.16	0.92	1.10	0.00		0.07	0.07		0.07	0.07	0.00	169.57	169.57	0.02	0.00	169.89
Total	0.16	0.92	1.10	0.00	0.02	0.07	0.09	0.00	0.07	0.07	0.00	169.57	169.57	0.02	0.00	169.89

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	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.43	0.43	0.00	0.00	0.43
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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.83	6.83	0.00	0.00	6.84
Total	0.00	0.01	0.05	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	7.26	7.26	0.00	0.00	7.27

3.8 03 Precise Grading Phase 1 - 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					
Fugitive Dust					0.05	0.00	0.05	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.52	3.66	2.75	0.01		0.19	0.19		0.19	0.19	0.00	502.91	502.91	0.04	0.00	503.80
Total	0.52	3.66	2.75	0.01	0.05	0.19	0.24	0.01	0.19	0.20	0.00	502.91	502.91	0.04	0.00	503.80

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	0.02	0.03	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	1.31	1.31	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	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	19.81	19.81	0.00	0.00	19.83
Total	0.01	0.03	0.14	0.00	0.08	0.00	0.08	0.00	0.00	0.00	0.00	21.12	21.12	0.00	0.00	21.14

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Fugitive Dust					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.46	2.72	3.27	0.01		0.22	0.22		0.22	0.22	0.00	502.91	502.91	0.04	0.00	503.80
Total	0.46	2.72	3.27	0.01	0.02	0.22	0.24	0.00	0.22	0.22	0.00	502.91	502.91	0.04	0.00	503.80

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Hauling	0.00	0.02	0.03	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	1.31	1.31	0.00	0.00	1.31
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	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	19.81	19.81	0.00	0.00	19.83
Total	0.01	0.03	0.14	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	21.12	21.12	0.00	0.00	21.14

3.8 03 Precise Grading Phase 1 - 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					
Fugitive Dust					0.05	0.00	0.05	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.32	2.18	1.82	0.00		0.11	0.11		0.11	0.11	0.00	335.28	335.28	0.03	0.00	335.82
Total	0.32	2.18	1.82	0.00	0.05	0.11	0.16	0.01	0.11	0.12	0.00	335.28	335.28	0.03	0.00	335.82

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	0.02	0.02	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.90	0.90	0.00	0.00	0.90
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	0.00	0.00
Worker	0.01	0.01	0.07	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	12.84	12.84	0.00	0.00	12.85
Total	0.01	0.03	0.09	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.00	13.74	13.74	0.00	0.00	13.75

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					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.31	1.81	2.18	0.00		0.15	0.15		0.15	0.15	0.00	335.28	335.28	0.03	0.00	335.82
Total	0.31	1.81	2.18	0.00	0.02	0.15	0.17	0.00	0.15	0.15	0.00	335.28	335.28	0.03	0.00	335.82

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	0.02	0.02	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.90	0.90	0.00	0.00	0.90
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	0.00	0.00
Worker	0.01	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	12.84	12.84	0.00	0.00	12.85
Total	0.01	0.03	0.09	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	13.74	13.74	0.00	0.00	13.75

3.9 09 Precise Grading Phase 2 - 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					0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.19	1.38	0.93	0.00		0.07	0.07		0.07	0.07	0.00	169.57	169.57	0.02	0.00	169.89
Total	0.19	1.38	0.93	0.00	0.03	0.07	0.10	0.00	0.07	0.07	0.00	169.57	169.57	0.02	0.00	169.89

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	0.00	0.00	0.00	0.00	0.00	0.15	0.15	0.00	0.00	0.15

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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.83	6.83	0.00	0.00	6.84
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.98	6.98	0.00	0.00	6.99

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					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.16	0.92	1.10	0.00		0.07	0.07		0.07	0.07	0.00	169.57	169.57	0.02	0.00	169.89
Total	0.16	0.92	1.10	0.00	0.01	0.07	0.08	0.00	0.07	0.07	0.00	169.57	169.57	0.02	0.00	169.89

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	0.00	0.00	0.00	0.00	0.00	0.15	0.15	0.00	0.00	0.15
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	0.00	0.00
Worker	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.83	6.83	0.00	0.00	6.84
Total	0.00	0.00	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	6.98	6.98	0.00	0.00	6.99

3.9 09 Precise Grading Phase 2 - 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					
Fugitive Dust					0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.52	3.66	2.75	0.01		0.19	0.19		0.19	0.19	0.00	502.91	502.91	0.04	0.00	503.80
Total	0.52	3.66	2.75	0.01	0.03	0.19	0.22	0.00	0.19	0.19	0.00	502.91	502.91	0.04	0.00	503.80

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	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.47	0.47	0.00	0.00	0.47
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	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	19.81	19.81	0.00	0.00	19.83
Total	0.01	0.02	0.12	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	20.28	20.28	0.00	0.00	20.30

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					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.46	2.72	3.27	0.01		0.22	0.22		0.22	0.22	0.00	502.91	502.91	0.04	0.00	503.80
Total	0.46	2.72	3.27	0.01	0.01	0.22	0.23	0.00	0.22	0.22	0.00	502.91	502.91	0.04	0.00	503.80

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	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.47	0.47	0.00	0.00	0.47
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	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	19.81	19.81	0.00	0.00	19.83
Total	0.01	0.02	0.12	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	20.28	20.28	0.00	0.00	20.30

3.9 09 Precise Grading Phase 2 - 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					
Fugitive Dust					0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.12	0.82	0.68	0.00		0.04	0.04		0.04	0.04	0.00	125.25	125.25	0.01	0.00	125.45
Total	0.12	0.82	0.68	0.00	0.03	0.04	0.07	0.00	0.04	0.04	0.00	125.25	125.25	0.01	0.00	125.45

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	0.12	0.12	0.00	0.00	0.12
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	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	4.80	4.80	0.00	0.00	4.80

Total	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	4.92	4.92	0.00	0.00	4.92
--------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.11	0.68	0.81	0.00		0.05	0.05		0.05	0.05	0.00	125.25	125.25	0.01	0.00	125.45
Total	0.11	0.68	0.81	0.00	0.01	0.05	0.06	0.00	0.05	0.05	0.00	125.25	125.25	0.01	0.00	125.45

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	0.12	0.12	0.00	0.00	0.12
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	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	4.80	4.80	0.00	0.00	4.80
Total	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	4.92	4.92	0.00	0.00	4.92

3.10 05 Building Construction Phase 1 - 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	0.27	1.96	1.56	0.00		0.12	0.12		0.12	0.12	0.00	235.28	235.28	0.02	0.00	235.74
Total	0.27	1.96	1.56	0.00		0.12	0.12		0.12	0.12	0.00	235.28	235.28	0.02	0.00	235.74

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	0.00	0.00
Vendor	0.06	0.60	0.44	0.00	0.04	0.02	0.06	0.00	0.02	0.02	0.00	105.51	105.51	0.00	0.00	105.57
Worker	0.08	0.08	0.86	0.00	0.20	0.01	0.21	0.01	0.01	0.02	0.00	149.34	149.34	0.01	0.00	149.51
Total	0.14	0.68	1.30	0.00	0.24	0.03	0.27	0.01	0.03	0.04	0.00	254.85	254.85	0.01	0.00	255.08

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	0.20	1.24	1.69	0.00		0.11	0.11		0.11	0.11	0.00	235.28	235.28	0.02	0.00	235.74
Total	0.20	1.24	1.69	0.00		0.11	0.11		0.11	0.11	0.00	235.28	235.28	0.02	0.00	235.74

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	0.00
Vendor	0.06	0.60	0.44	0.00	0.03	0.02	0.05	0.00	0.02	0.02	0.00	105.51	105.51	0.00	0.00	105.57
Worker	0.08	0.08	0.86	0.00	0.15	0.01	0.16	0.01	0.01	0.02	0.00	149.34	149.34	0.01	0.00	149.51
Total	0.14	0.68	1.30	0.00	0.18	0.03	0.21	0.01	0.03	0.04	0.00	254.85	254.85	0.01	0.00	255.08

3.10 05 Building Construction Phase 1 - 2015

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Off-Road	0.73	5.24	4.60	0.01		0.32	0.32		0.32	0.32	0.00	697.82	697.82	0.06	0.00	699.07
Total	0.73	5.24	4.60	0.01		0.32	0.32		0.32	0.32	0.00	697.82	697.82	0.06	0.00	699.07

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	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	0.00	0.00
Vendor	0.16	1.61	1.20	0.00	0.11	0.05	0.16	0.01	0.05	0.06	0.00	313.98	313.98	0.01	0.00	314.13
Worker	0.22	0.22	2.35	0.00	0.59	0.02	0.62	0.02	0.02	0.05	0.00	433.07	433.07	0.02	0.00	433.54
Total	0.38	1.83	3.55	0.00	0.70	0.07	0.78	0.03	0.07	0.11	0.00	747.05	747.05	0.03	0.00	747.67

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	0.58	3.69	5.01	0.01		0.33	0.33		0.33	0.33	0.00	697.82	697.82	0.06	0.00	699.07
Total	0.58	3.69	5.01	0.01		0.33	0.33		0.33	0.33	0.00	697.82	697.82	0.06	0.00	699.07

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	0.00	0.00
Vendor	0.16	1.61	1.20	0.00	0.08	0.05	0.14	0.01	0.05	0.06	0.00	313.98	313.98	0.01	0.00	314.13
Worker	0.22	0.22	2.35	0.00	0.45	0.02	0.47	0.02	0.02	0.05	0.00	433.07	433.07	0.02	0.00	433.54
Total	0.38	1.83	3.55	0.00	0.53	0.07	0.61	0.03	0.07	0.11	0.00	747.05	747.05	0.03	0.00	747.67

3.10 05 Building Construction Phase 1 - 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	0.45	3.15	3.06	0.01		0.19	0.19		0.19	0.19	0.00	465.21	465.21	0.04	0.00	465.98
Total	0.45	3.15	3.06	0.01		0.19	0.19		0.19	0.19	0.00	465.21	465.21	0.04	0.00	465.98

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	0.00	0.00
Vendor	0.10	0.98	0.74	0.00	0.07	0.03	0.10	0.01	0.03	0.04	0.00	209.68	209.68	0.00	0.00	209.77
Worker	0.14	0.13	1.45	0.00	0.40	0.01	0.41	0.02	0.01	0.03	0.00	280.70	280.70	0.01	0.00	280.98
Total	0.24	1.11	2.19	0.00	0.47	0.04	0.51	0.03	0.04	0.07	0.00	490.38	490.38	0.01	0.00	490.75

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	0.39	2.46	3.34	0.01		0.22	0.22		0.22	0.22	0.00	465.21	465.21	0.04	0.00	465.98
Total	0.39	2.46	3.34	0.01		0.22	0.22		0.22	0.22	0.00	465.21	465.21	0.04	0.00	465.98

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	0.00	0.00
Vendor	0.10	0.98	0.74	0.00	0.06	0.03	0.09	0.01	0.03	0.04	0.00	209.68	209.68	0.00	0.00	209.77
Worker	0.14	0.13	1.45	0.00	0.30	0.01	0.31	0.02	0.01	0.03	0.00	280.70	280.70	0.01	0.00	280.98

Total	0.24	1.11	2.19	0.00	0.36	0.04	0.40	0.03	0.04	0.07	0.00	490.38	490.38	0.01	0.00	490.75
-------	------	------	------	------	------	------	------	------	------	------	------	--------	--------	------	------	--------

3.11 11 Building Construction Phase 2 - 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	0.27	1.96	1.56	0.00		0.12	0.12		0.12	0.12	0.00	235.28	235.28	0.02	0.00	235.74
Total	0.27	1.96	1.56	0.00		0.12	0.12		0.12	0.12	0.00	235.28	235.28	0.02	0.00	235.74

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	0.00	0.00
Vendor	0.06	0.60	0.44	0.00	0.04	0.02	0.06	0.00	0.02	0.02	0.00	105.51	105.51	0.00	0.00	105.57
Worker	0.08	0.08	0.86	0.00	0.20	0.01	0.21	0.01	0.01	0.02	0.00	149.34	149.34	0.01	0.00	149.51
Total	0.14	0.68	1.30	0.00	0.24	0.03	0.27	0.01	0.03	0.04	0.00	254.85	254.85	0.01	0.00	255.08

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	0.20	1.24	1.69	0.00		0.11	0.11		0.11	0.11	0.00	235.28	235.28	0.02	0.00	235.74

Total	0.20	1.24	1.69	0.00		0.11	0.11		0.11	0.11	0.00	235.28	235.28	0.02	0.00	235.74
--------------	-------------	-------------	-------------	-------------	--	-------------	-------------	--	-------------	-------------	-------------	---------------	---------------	-------------	-------------	---------------

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	0.00	0.00
Vendor	0.06	0.60	0.44	0.00	0.03	0.02	0.05	0.00	0.02	0.02	0.00	105.51	105.51	0.00	0.00	105.57
Worker	0.08	0.08	0.86	0.00	0.15	0.01	0.16	0.01	0.01	0.02	0.00	149.34	149.34	0.01	0.00	149.51
Total	0.14	0.68	1.30	0.00	0.18	0.03	0.21	0.01	0.03	0.04	0.00	254.85	254.85	0.01	0.00	255.08

3.11 11 Building Construction Phase 2 - 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	0.73	5.24	4.60	0.01		0.32	0.32		0.32	0.32	0.00	697.82	697.82	0.06	0.00	699.07
Total	0.73	5.24	4.60	0.01		0.32	0.32		0.32	0.32	0.00	697.82	697.82	0.06	0.00	699.07

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	0.00	0.00	0.00
Vendor	0.16	1.61	1.20	0.00	0.11	0.05	0.16	0.01	0.05	0.06	0.00	313.98	313.98	0.01	0.00		314.13
Worker	0.22	0.22	2.35	0.00	0.59	0.02	0.62	0.02	0.02	0.05	0.00	433.07	433.07	0.02	0.00		433.54
Total	0.38	1.83	3.55	0.00	0.70	0.07	0.78	0.03	0.07	0.11	0.00	747.05	747.05	0.03	0.00		747.67

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	0.58	3.69	5.01	0.01		0.33	0.33		0.33	0.33	0.00	697.82	697.82	0.06	0.00	699.07
Total	0.58	3.69	5.01	0.01		0.33	0.33		0.33	0.33	0.00	697.82	697.82	0.06	0.00	699.07

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	0.00	0.00
Vendor	0.16	1.61	1.20	0.00	0.08	0.05	0.14	0.01	0.05	0.06	0.00	313.98	313.98	0.01	0.00	314.13
Worker	0.22	0.22	2.35	0.00	0.45	0.02	0.47	0.02	0.02	0.05	0.00	433.07	433.07	0.02	0.00	433.54
Total	0.38	1.83	3.55	0.00	0.53	0.07	0.61	0.03	0.07	0.11	0.00	747.05	747.05	0.03	0.00	747.67

3.11 11 Building Construction Phase 2 - 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	0.17	1.18	1.14	0.00		0.07	0.07		0.07	0.07	0.00	173.79	173.79	0.01	0.00	174.07
Total	0.17	1.18	1.14	0.00		0.07	0.07		0.07	0.07	0.00	173.79	173.79	0.01	0.00	174.07

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	0.00	0.00
Vendor	0.04	0.37	0.28	0.00	0.03	0.01	0.04	0.00	0.01	0.01	0.00	78.33	78.33	0.00	0.00	78.36
Worker	0.05	0.05	0.54	0.00	0.15	0.01	0.15	0.01	0.01	0.01	0.00	104.86	104.86	0.01	0.00	104.96
Total	0.09	0.42	0.82	0.00	0.18	0.02	0.19	0.01	0.02	0.02	0.00	183.19	183.19	0.01	0.00	183.32

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	0.15	0.92	1.25	0.00		0.08	0.08		0.08	0.08	0.00	173.79	173.79	0.01	0.00	174.07
Total	0.15	0.92	1.25	0.00		0.08	0.08		0.08	0.08	0.00	173.79	173.79	0.01	0.00	174.07

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	0.00	0.00
Vendor	0.04	0.37	0.28	0.00	0.02	0.01	0.03	0.00	0.01	0.01	0.00	78.33	78.33	0.00	0.00	78.36
Worker	0.05	0.05	0.54	0.00	0.11	0.01	0.12	0.01	0.01	0.01	0.00	104.86	104.86	0.01	0.00	104.96
Total	0.09	0.42	0.82	0.00	0.13	0.02	0.15	0.01	0.02	0.02	0.00	183.19	183.19	0.01	0.00	183.32

3.12 06 Architectural Coating Phase 1 - 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					
Archit. Coating	1.09					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.10	0.61	0.42	0.00		0.05	0.05		0.05	0.05	0.00	56.10	56.10	0.01	0.00	56.27
Total	1.19	0.61	0.42	0.00		0.05	0.05		0.05	0.05	0.00	56.10	56.10	0.01	0.00	56.27

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	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	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	0.00	0.00
Worker	0.02	0.02	0.17	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	30.05	30.05	0.00	0.00	30.08
Total	0.02	0.02	0.17	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	30.05	30.05	0.00	0.00	30.08

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	1.09					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.05	0.33	0.40	0.00		0.03	0.03		0.03	0.03	0.00	56.10	56.10	0.01	0.00	56.27
Total	1.14	0.33	0.40	0.00		0.03	0.03		0.03	0.03	0.00	56.10	56.10	0.01	0.00	56.27

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	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	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	0.00	0.00
Worker	0.02	0.02	0.17	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	30.05	30.05	0.00	0.00	30.08
Total	0.02	0.02	0.17	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	30.05	30.05	0.00	0.00	30.08

3.12 06 Architectural Coating Phase 1 - 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					
Archit. Coating	3.23					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Off-Road	0.26	1.68	1.24	0.00		0.14	0.14		0.14	0.14	0.00	166.40	166.40	0.02	0.00	166.86
Total	3.49	1.68	1.24	0.00		0.14	0.14		0.14	0.14	0.00	166.40	166.40	0.02	0.00	166.86

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	0.00	0.00
Worker	0.04	0.04	0.47	0.00	0.12	0.00	0.12	0.00	0.00	0.01	0.00	87.14	87.14	0.00	0.00	87.24
Total	0.04	0.04	0.47	0.00	0.12	0.00	0.12	0.00	0.00	0.01	0.00	87.14	87.14	0.00	0.00	87.24

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					
Archit. Coating	3.23					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.16	0.97	1.19	0.00		0.10	0.10		0.10	0.10	0.00	166.40	166.40	0.02	0.00	166.86
Total	3.39	0.97	1.19	0.00		0.10	0.10		0.10	0.10	0.00	166.40	166.40	0.02	0.00	166.86

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
--	-----	-----	----	-----	---------------	--------------	------------	----------------	---------------	-------------	----------	-----------	-----------	-----	-----	------

Category	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	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	0.00	0.00
Worker	0.04	0.04	0.47	0.00	0.09	0.00	0.09	0.00	0.00	0.01	0.00	87.14	87.14	0.00	0.00	87.24
Total	0.04	0.04	0.47	0.00	0.09	0.00	0.09	0.00	0.00	0.01	0.00	87.14	87.14	0.00	0.00	87.24

3.12 06 Architectural Coating Phase 1 - 2016

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Archit. Coating	2.15					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.16	1.03	0.82	0.00		0.09	0.09		0.09	0.09	0.00	110.93	110.93	0.01	0.00	111.21
Total	2.31	1.03	0.82	0.00		0.09	0.09		0.09	0.09	0.00	110.93	110.93	0.01	0.00	111.21

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	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	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	0.00	0.00
Worker	0.03	0.03	0.29	0.00	0.08	0.00	0.08	0.00	0.00	0.01	0.00	56.48	56.48	0.00	0.00	56.54
Total	0.03	0.03	0.29	0.00	0.08	0.00	0.08	0.00	0.00	0.01	0.00	56.48	56.48	0.00	0.00	56.54

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	2.15					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.11	0.65	0.80	0.00		0.06	0.06		0.06	0.06	0.00	110.93	110.93	0.01	0.00	111.21
Total	2.26	0.65	0.80	0.00		0.06	0.06		0.06	0.06	0.00	110.93	110.93	0.01	0.00	111.21

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	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	0.00	0.00
Worker	0.03	0.03	0.29	0.00	0.06	0.00	0.06	0.00	0.00	0.01	0.00	56.48	56.48	0.00	0.00	56.54
Total	0.03	0.03	0.29	0.00	0.06	0.00	0.06	0.00	0.00	0.01	0.00	56.48	56.48	0.00	0.00	56.54

3.13 12 Architectural Coating Phase 2 - 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					
Archit. Coating	1.37					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.10	0.61	0.42	0.00		0.05	0.05		0.05	0.05	0.00	56.10	56.10	0.01	0.00	56.27
Total	1.47	0.61	0.42	0.00		0.05	0.05		0.05	0.05	0.00	56.10	56.10	0.01	0.00	56.27

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	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	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	0.00	0.00
Worker	0.02	0.02	0.17	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	30.05	30.05	0.00	0.00	30.08
Total	0.02	0.02	0.17	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	30.05	30.05	0.00	0.00	30.08

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	1.37					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.05	0.33	0.40	0.00		0.03	0.03		0.03	0.03	0.00	56.10	56.10	0.01	0.00	56.27
Total	1.42	0.33	0.40	0.00		0.03	0.03		0.03	0.03	0.00	56.10	56.10	0.01	0.00	56.27

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	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	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	0.00	0.00
Worker	0.02	0.02	0.17	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	30.05	30.05	0.00	0.00	30.08
Total	0.02	0.02	0.17	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	30.05	30.05	0.00	0.00	30.08

3.13 12 Architectural Coating Phase 2 - 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					
Archit. Coating	4.08					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.26	1.68	1.24	0.00		0.14	0.14		0.14	0.14	0.00	166.40	166.40	0.02	0.00	166.86
Total	4.34	1.68	1.24	0.00		0.14	0.14		0.14	0.14	0.00	166.40	166.40	0.02	0.00	166.86

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	0.00	0.00
Worker	0.04	0.04	0.47	0.00	0.12	0.00	0.12	0.00	0.00	0.01	0.00	87.14	87.14	0.00	0.00	87.24
Total	0.04	0.04	0.47	0.00	0.12	0.00	0.12	0.00	0.00	0.01	0.00	87.14	87.14	0.00	0.00	87.24

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					
Archit. Coating	4.08					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.16	0.97	1.19	0.00		0.10	0.10		0.10	0.10	0.00	166.40	166.40	0.02	0.00	166.86
Total	4.24	0.97	1.19	0.00		0.10	0.10		0.10	0.10	0.00	166.40	166.40	0.02	0.00	166.86

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	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	0.00	0.00
Worker	0.04	0.04	0.47	0.00	0.09	0.00	0.09	0.00	0.00	0.01	0.00	87.14	87.14	0.00	0.00	87.24
Total	0.04	0.04	0.47	0.00	0.09	0.00	0.09	0.00	0.00	0.01	0.00	87.14	87.14	0.00	0.00	87.24

3.13 12 Architectural Coating Phase 2 - 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	1.02					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.06	0.39	0.31	0.00		0.03	0.03		0.03	0.03	0.00	41.44	41.44	0.00	0.00	41.54
Total	1.08	0.39	0.31	0.00		0.03	0.03		0.03	0.03	0.00	41.44	41.44	0.00	0.00	41.54

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	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	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	21.10	21.10	0.00	0.00	21.12
Total	0.01	0.01	0.11	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	21.10	21.10	0.00	0.00	21.12

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	1.02					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.24	0.30	0.00		0.02	0.02		0.02	0.02	0.00	41.44	41.44	0.00	0.00	41.54
Total	1.06	0.24	0.30	0.00		0.02	0.02		0.02	0.02	0.00	41.44	41.44	0.00	0.00	41.54

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	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	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	21.10	21.10	0.00	0.00	21.12

Total	0.01	0.01	0.11	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	21.10	21.10	0.00	0.00	21.12
-------	------	------	------	------	------	------	------	------	------	------	------	-------	-------	------	------	-------

PortolaNOx. OUT

AERSCREEN 11126 / AERMOD 1110

06/19/13
15: 15: 18

TITLE: PORTOLA NOX

***** AREA PARAMETERS *****

SOURCE EMISSION RATE:	2.7700 g/s	21.984 lb/hr
AREA EMISSION RATE:	0.388E-05 g/(s-m2)	0.308E-04 lb/(hr-m2)
AREA HEIGHT:	3.00 meters	9.84 feet
AREA SOURCE LONG SIDE:	844.67 meters	2771.23 feet
AREA SOURCE SHORT SIDE:	844.67 meters	2771.23 feet
INITIAL VERTICAL DIMENSION:	1.00 meters	3.28 feet
RURAL OR URBAN:	URBAN	
POPULATION:	80000	
INITIAL PROBE DISTANCE =	5000. meters	16404. feet
NOx TO NO2 CHEMISTRY		OLM
NO2/NOx IN-STACK RATIO:		0.09000
OZONE BACKGROUND CONCENTRATION:		0.94000E-01 PPM

***** BUILDING DOWNWASH PARAMETERS *****

BUILDING DOWNWASH NOT USED FOR NON-POINT SOURCES

***** FLOW SECTOR ANALYSIS *****

25 meter receptor spacing: 1. meters - 5000. meters

MAXIMUM IMPACT RECEPTOR

Zo SECTOR	SURFACE ROUGHNESS	1-HR CONC (ug/m3)	RADIAL (deg)	DI ST (m)	TEMPORAL PERI OD
1*	1.000	200.2	45	575.0	ANN

* = worst case diagonal

***** MAKEMET METEOROLOGY PARAMETERS *****

MIN/MAX TEMPERATURE:	279.0 / 300.0 (K)
MINIMUM WIND SPEED:	0.5 m/s
ANEMOMETER HEIGHT:	10.000 meters

Portol aNOx. OUT

SURFACE CHARACTERISTICS INPUT: USER ENTERED

ALBEDO: 0.21
 BOWEN RATIO: 1.63
 ROUGHNESS LENGTH: 1.000 (meters)

METEOROLOGY CONDITIONS USED TO PREDICT OVERALL MAXIMUM IMPACT

```

-----
YR MO DY JDY HR
-- -- -- -- --
10 01 28 28 01

HO      U*      W*      DT/DZ  ZI CNV  ZIMCH  M-0 LEN  ZO  BOWEN ALBEDO  REF WS
-----
-0.90  0.043 -9.000  0.020 -999.   21.    8.3 1.000  1.63  0.21  0.50

HT      REF TA      HT
-----
10.0    300.0    2.0
    
```

METEOROLOGY CONDITIONS USED TO PREDICT AMBIENT BOUNDARY IMPACT

```

-----
YR MO DY JDY HR
-- -- -- -- --
10 01 28 28 01

HO      U*      W*      DT/DZ  ZI CNV  ZIMCH  M-0 LEN  ZO  BOWEN ALBEDO  REF WS
-----
-0.90  0.043 -9.000  0.020 -999.   21.    8.3 1.000  1.63  0.21  0.50

HT      REF TA      HT
-----
10.0    300.0    2.0
    
```

***** AERSCREEN AUTOMATED DISTANCES *****
 OVERALL MAXIMUM CONCENTRATIONS BY DISTANCE

DIST (m)	MAXIMUM 1-HR CONC (ug/m3)	DIST (m)	MAXIMUM 1-HR CONC (ug/m3)
1.00	194.3	2524.99	52.72
25.00	194.7	2550.00	52.41
50.01	195.0	2575.00	52.10
75.00	195.3	2600.00	51.81
100.00	195.6	2625.01	51.52
125.00	195.9	2650.00	51.24
150.01	196.2	2675.00	50.97
174.99	196.5	2700.00	50.71
200.00	196.8	2725.01	50.45
225.00	197.0	2749.99	50.20
250.00	197.3	2775.00	49.96
274.99	197.5	2800.00	49.72

Portol aNOx. OUT

300.00	197.8	2825.00	49.49
325.00	198.0	2849.99	49.26
350.00	198.2	2875.00	49.04
375.01	198.4	2900.00	48.82
400.00	198.6	2925.00	48.60
425.00	198.9	2950.01	48.40
450.00	199.1	2975.00	48.20
475.01	199.3	3000.00	48.00
500.00	199.6	3025.00	47.80
525.00	199.8	3050.01	47.62
550.00	200.0	3075.00	47.43
575.01	200.2	3100.00	47.24
599.99	200.1	3125.00	47.06
625.00	197.0	3150.00	46.88
650.00	194.9	3174.99	46.71
675.00	188.7	3200.00	46.54
699.99	177.5	3225.00	46.37
725.00	168.3	3250.00	46.21
750.00	160.5	3274.99	46.05
775.00	153.7	3300.00	45.90
800.01	147.8	3325.00	45.74
825.00	142.4	3350.00	45.58
850.00	137.6	3375.01	45.43
875.00	133.2	3400.00	45.28
900.01	129.2	3425.00	45.13
924.99	125.4	3450.00	44.99
950.00	122.0	3475.01	44.85
975.00	118.8	3499.99	44.71
1000.00	115.8	3525.00	44.58
1024.99	112.9	3550.00	44.45
1050.00	110.3	3575.00	44.31
1075.00	107.8	3599.99	44.18
1100.00	105.4	3625.00	44.05
1125.01	103.2	3650.00	43.92
1150.00	101.1	3675.00	43.79
1175.00	99.01	3700.01	43.66
1200.00	97.07	3725.00	43.54
1225.01	95.23	3750.00	43.42
1250.00	93.47	3775.00	43.29
1275.00	91.78	3800.01	43.18
1300.00	90.17	3825.00	43.06
1325.01	88.62	3850.00	42.94
1349.99	87.14	3875.00	42.83
1375.00	85.71	3900.00	42.71
1400.00	84.34	3924.99	42.60
1425.00	83.02	3950.00	42.48
1449.99	81.75	3975.00	42.37
1475.00	80.53	4000.00	42.25
1500.00	79.35	4024.99	42.14
1525.00	78.22	4050.00	42.03
1550.01	77.12	4075.00	41.92
1575.00	76.06	4100.00	41.82
1600.00	75.05	4125.01	41.71
1625.00	73.99	4150.00	41.61
1650.01	72.98	4175.00	41.50
1674.99	72.01	4200.00	41.40
1700.00	71.06	4225.01	41.29
1725.00	70.14	4249.99	41.19
1750.00	69.26	4275.00	41.09
1774.99	68.42	4300.00	40.99
1800.00	67.60	4325.00	40.89
1825.00	66.81	4349.99	40.79
1850.00	66.05	4375.00	40.69

Portol aNOx. OUT

1875.01	65.32	4400.00	40.59
1900.00	64.61	4425.00	40.49
1925.00	63.92	4450.01	40.39
1950.00	63.26	4475.00	40.29
1975.01	62.62	4500.00	40.20
1999.99	62.00	4525.00	40.10
2025.00	61.41	4550.01	40.01
2050.00	60.83	4575.00	39.92
2075.00	60.27	4600.00	39.82
2099.99	59.73	4625.00	39.73
2125.00	59.21	4650.00	39.64
2150.00	58.70	4674.99	39.54
2175.00	58.21	4700.00	39.45
2199.99	57.73	4725.00	39.36
2225.00	57.26	4750.00	39.27
2250.00	56.82	4774.99	39.18
2275.00	56.39	4800.00	39.09
2300.01	55.97	4825.00	39.00
2325.00	55.56	4850.00	38.92
2350.00	55.16	4875.01	38.83
2375.00	54.78	4900.00	38.74
2400.01	54.42	4925.00	38.65
2424.99	54.06	4950.00	38.57
2450.00	53.71	4975.01	38.48
2475.00	53.37	4999.99	38.40
2500.00	53.04		

***** AERSCREEN MAXIMUM IMPACT SUMMARY *****

3-hour, 8-hour, and 24-hour scaled concentrations are equal to the 1-hour concentration as referenced in SCREENING PROCEDURES FOR ESTIMATING THE AIR QUALITY IMPACT OF STATIONARY SOURCES, REVISED (Section 4.5.4) Report number EPA-454/R-92-019 http://www.epa.gov/scram001/guidance_permit.htm under Screening Guidance

CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
FLAT TERRAIN	200.4	200.4	200.4	200.4	N/A
DISTANCE FROM SOURCE		597.00 meters			
IMPACT AT THE AMBIENT BOUNDARY	194.3	194.3	194.3	194.3	N/A
DISTANCE FROM SOURCE		1.00 meters			

TITLE: PORTOLA CO

***** AREA PARAMETERS *****

SOURCE EMISSION RATE: 2.6200 g/s 20.794 lb/hr

AREA EMISSION RATE: 0.367E-05 g/(s-m2) 0.291E-04 lb/(hr-m2)

AREA HEIGHT: 3.00 meters 9.84 feet

AREA SOURCE LONG SIDE: 844.67 meters 2771.23 feet

AREA SOURCE SHORT SIDE: 844.67 meters 2771.23 feet

INITIAL VERTICAL DIMENSION: 1.00 meters 3.28 feet

RURAL OR URBAN: URBAN

POPULATION: 80000

INITIAL PROBE DISTANCE = 5000. meters 16404. feet

***** BUILDING DOWNWASH PARAMETERS *****

BUILDING DOWNWASH NOT USED FOR NON-POINT SOURCES

***** FLOW SECTOR ANALYSIS *****

25 meter receptor spacing: 1. meters - 5000. meters

MAXIMUM IMPACT RECEPTOR

Zo SECTOR	SURFACE ROUGHNESS	1-HR CONC (ug/m3)	RADIAL (deg)	DI ST (m)	TEMPORAL PERI OD
1*	1.000	248.5	45	575.0	ANN

* = worst case diagonal

***** MAKEMET METEOROLOGY PARAMETERS *****

MIN/MAX TEMPERATURE: 279.0 / 300.0 (K)

MINIMUM WIND SPEED: 0.5 m/s

ANEMOMETER HEIGHT: 10.000 meters

SURFACE CHARACTERISTICS INPUT: USER ENTERED

ALBEDO: 0.21

BOWEN RATIO: 1.63

ROUGHNESS LENGTH: 1.000 (meters) Portol aCO. out

METEOROLOGY CONDITI ONS USED TO PREDI CT OVERALL MAXI MUM I MPACT

```

-----
YR MO DY JDY HR
-- -- -- -- --
10 01 28 28 01

HO      U*      W*  DT/DZ  ZI CNV  ZI MCH  M-O  LEN      ZO  BOWEN  ALBEDO  REF  WS
-----
-0. 90  0. 043 -9. 000  0. 020 -999.  21.  8. 3 1. 000  1. 63  0. 21  0. 50

HT  REF  TA      HT
-----
10. 0  300. 0  2. 0
  
```

METEOROLOGY CONDITI ONS USED TO PREDI CT AMBI ENT BOUNDARY I MPACT

```

-----
YR MO DY JDY HR
-- -- -- -- --
10 01 28 28 01

HO      U*      W*  DT/DZ  ZI CNV  ZI MCH  M-O  LEN      ZO  BOWEN  ALBEDO  REF  WS
-----
-0. 90  0. 043 -9. 000  0. 020 -999.  21.  8. 3 1. 000  1. 63  0. 21  0. 50

HT  REF  TA      HT
-----
10. 0  300. 0  2. 0
  
```

***** AERSCREEN AUTOMATED DI STANCES *****
 OVERALL MAXI MUM CONCENTRATI ONS BY DI STANCE

DI ST (m)	MAXI MUM 1-HR CONC (ug/m3)	DI ST (m)	MAXI MUM 1-HR CONC (ug/m3)
1. 00	186. 9	2524. 99	49. 87
25. 00	190. 2	2550. 00	49. 57
50. 01	193. 6	2575. 00	49. 28
75. 00	196. 9	2600. 00	49. 01
100. 00	200. 1	2625. 01	48. 74
125. 00	203. 2	2650. 00	48. 47
150. 01	206. 3	2675. 00	48. 21
174. 99	209. 3	2700. 00	47. 97
200. 00	212. 2	2725. 01	47. 72
225. 00	215. 0	2749. 99	47. 48
250. 00	217. 8	2775. 00	47. 25
274. 99	220. 5	2800. 00	47. 03
300. 00	223. 1	2825. 00	46. 81
325. 00	225. 6	2849. 99	46. 59
350. 00	227. 0	2875. 00	46. 38
375. 01	229. 6	2900. 00	46. 18
400. 00	232. 0	2925. 00	45. 98

Portol aCO. out

425.00	234.5	2950.01	45.78
450.00	236.9	2975.00	45.59
475.01	239.3	3000.00	45.40
500.00	241.6	3025.00	45.22
525.00	244.0	3050.01	45.04
550.00	246.2	3075.00	44.86
575.01	248.5	3100.00	44.69
599.99	247.4	3125.00	44.51
625.00	214.7	3150.00	44.34
650.00	192.2	3174.99	44.18
675.00	178.5	3200.00	44.02
699.99	167.9	3225.00	43.86
725.00	159.2	3250.00	43.71
750.00	151.8	3274.99	43.56
775.00	145.4	3300.00	43.41
800.01	139.8	3325.00	43.26
825.00	134.7	3350.00	43.12
850.00	130.1	3375.01	42.97
875.00	126.0	3400.00	42.83
900.01	122.2	3425.00	42.69
924.99	118.7	3450.00	42.56
950.00	115.4	3475.01	42.42
975.00	112.3	3499.99	42.29
1000.00	109.5	3525.00	42.17
1024.99	106.8	3550.00	42.04
1050.00	104.3	3575.00	41.92
1075.00	102.0	3599.99	41.79
1100.00	99.72	3625.00	41.66
1125.01	97.60	3650.00	41.54
1150.00	95.59	3675.00	41.42
1175.00	93.65	3700.01	41.30
1200.00	91.82	3725.00	41.18
1225.01	90.08	3750.00	41.07
1250.00	88.41	3775.00	40.95
1275.00	86.82	3800.01	40.84
1300.00	85.29	3825.00	40.73
1325.01	83.83	3850.00	40.62
1349.99	82.42	3875.00	40.51
1375.00	81.07	3900.00	40.40
1400.00	79.78	3924.99	40.29
1425.00	78.53	3950.00	40.18
1449.99	77.33	3975.00	40.07
1475.00	76.17	4000.00	39.97
1500.00	75.06	4024.99	39.86
1525.00	73.99	4050.00	39.76
1550.01	72.95	4075.00	39.65
1575.00	71.94	4100.00	39.55
1600.00	70.99	4125.01	39.45
1625.00	69.99	4150.00	39.35
1650.01	69.03	4175.00	39.26
1674.99	68.11	4200.00	39.16
1700.00	67.22	4225.01	39.06
1725.00	66.35	4249.99	38.96
1750.00	65.52	4275.00	38.87
1774.99	64.72	4300.00	38.77
1800.00	63.94	4325.00	38.68
1825.00	63.20	4349.99	38.58
1850.00	62.48	4375.00	38.48
1875.01	61.79	4400.00	38.39
1900.00	61.12	4425.00	38.30
1925.00	60.46	4450.01	38.20
1950.00	59.84	4475.00	38.11
1975.01	59.23	4500.00	38.02

		Portol aCO. out	
1999.99	58.65	4525.00	37.93
2025.00	58.08	4550.01	37.85
2050.00	57.54	4575.00	37.76
2075.00	57.01	4600.00	37.67
2099.99	56.50	4625.00	37.58
2125.00	56.01	4650.00	37.49
2150.00	55.53	4674.99	37.40
2175.00	55.06	4700.00	37.32
2199.99	54.60	4725.00	37.23
2225.00	54.17	4750.00	37.15
2250.00	53.74	4774.99	37.06
2275.00	53.34	4800.00	36.98
2300.01	52.94	4825.00	36.89
2325.00	52.55	4850.00	36.81
2350.00	52.18	4875.01	36.73
2375.00	51.82	4900.00	36.64
2400.01	51.47	4925.00	36.56
2424.99	51.13	4950.00	36.48
2450.00	50.81	4975.01	36.40
2475.00	50.48	4999.99	36.32
2500.00	50.17		

 ***** AERSCREEN MAXIMUM IMPACT SUMMARY *****

3-hour, 8-hour, and 24-hour scaled concentrations are equal to the 1-hour concentration as referenced in SCREENING PROCEDURES FOR ESTIMATING THE AIR QUALITY IMPACT OF STATIONARY SOURCES, REVISED (Section 4.5.4) Report number EPA-454/R-92-019 http://www.epa.gov/scram001/guidance_permits.htm under Screening Guidance

CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
FLAT TERRAIN	250.4	250.4	250.4	250.4	N/A
DISTANCE FROM SOURCE		597.00 meters			
IMPACT AT THE AMBIENT BOUNDARY	186.9	186.9	186.9	186.9	N/A
DISTANCE FROM SOURCE		1.00 meters			

TITLE: PORTOLA PM10

***** AREA PARAMETERS *****

SOURCE EMISSION RATE: 0.7000 g/s 5.556 lb/hr

AREA EMISSION RATE: 0.981E-06 g/(s-m2) 0.779E-05 lb/(hr-m2)

AREA HEIGHT: 3.00 meters 9.84 feet

AREA SOURCE LONG SIDE: 844.67 meters 2771.23 feet

AREA SOURCE SHORT SIDE: 844.67 meters 2771.23 feet

INITIAL VERTICAL DIMENSION: 1.00 meters 3.28 feet

RURAL OR URBAN: URBAN

POPULATION: 80000

INITIAL PROBE DISTANCE = 5000. meters 16404. feet

***** BUILDING DOWNWASH PARAMETERS *****

BUILDING DOWNWASH NOT USED FOR NON-POINT SOURCES

***** FLOW SECTOR ANALYSIS *****

25 meter receptor spacing: 1. meters - 5000. meters

MAXIMUM IMPACT RECEPTOR

Zo SECTOR	SURFACE ROUGHNESS	1-HR CONC (ug/m3)	RADIAL (deg)	DI ST (m)	TEMPORAL PERI OD
1*	1.000	66.39	45	575.0	ANN

* = worst case diagonal

***** MAKEMET METEOROLOGY PARAMETERS *****

MIN/MAX TEMPERATURE: 279.0 / 300.0 (K)

MINIMUM WIND SPEED: 0.5 m/s

ANEMOMETER HEIGHT: 10.000 meters

SURFACE CHARACTERISTICS INPUT: USER ENTERED

ALBEDO: 0.21

BOWEN RATIO: 1.63

ROUGHNESS LENGTH: 1.000 (meters)

METEOROLOGY CONDIT IONS USED TO PREDI CT OVERALL MAXI MUM I MPACT

YR	MO	DY	JDY	HR	HO	U*	W*	DT/DZ	ZI CNV	ZI MCH	M-O	LEN	ZO	BOWEN	ALBEDO	REF	WS
10	01	28	28	01	-0.90	0.043	-9.000	0.020	-999.	21.	8.3	1.000	1.63	0.21	0.50		
HT	REF	TA	HT														
10.0	300.0	2.0															

METEOROLOGY CONDIT IONS USED TO PREDI CT AMBI ENT BOUNDARY I MPACT

YR	MO	DY	JDY	HR	HO	U*	W*	DT/DZ	ZI CNV	ZI MCH	M-O	LEN	ZO	BOWEN	ALBEDO	REF	WS
10	01	28	28	01	-0.90	0.043	-9.000	0.020	-999.	21.	8.3	1.000	1.63	0.21	0.50		
HT	REF	TA	HT														
10.0	300.0	2.0															

***** AERSCREEN AUTOMATED DI STANCES *****
 OVERALL MAXI MUM CONCENTRATI ONS BY DI STANCE

DI ST (m)	MAXI MUM 1-HR CONC (ug/m3)	DI ST (m)	MAXI MUM 1-HR CONC (ug/m3)
1.00	49.93	2524.99	13.32
25.00	50.83	2550.00	13.25
50.01	51.73	2575.00	13.17
75.00	52.61	2600.00	13.09
100.00	53.47	2625.01	13.02
125.00	54.31	2650.00	12.95
150.01	55.12	2675.00	12.88
174.99	55.91	2700.00	12.82
200.00	56.69	2725.01	12.75
225.00	57.45	2749.99	12.69
250.00	58.19	2775.00	12.63
274.99	58.91	2800.00	12.57
300.00	59.61	2825.00	12.51
325.00	60.27	2849.99	12.45
350.00	60.66	2875.00	12.39
375.01	61.33	2900.00	12.34
400.00	62.00	2925.00	12.28

Portol aPM10.out

425.00	62.66	2950.01	12.23
450.00	63.30	2975.00	12.18
475.01	63.94	3000.00	12.13
500.00	64.56	3025.00	12.08
525.00	65.18	3050.01	12.03
550.00	65.79	3075.00	11.99
575.01	66.39	3100.00	11.94
599.99	66.10	3125.00	11.89
625.00	57.37	3150.00	11.85
650.00	51.35	3174.99	11.80
675.00	47.69	3200.00	11.76
699.99	44.85	3225.00	11.72
725.00	42.53	3250.00	11.68
750.00	40.56	3274.99	11.64
775.00	38.84	3300.00	11.60
800.01	37.34	3325.00	11.56
825.00	35.99	3350.00	11.52
850.00	34.77	3375.01	11.48
875.00	33.67	3400.00	11.44
900.01	32.64	3425.00	11.41
924.99	31.70	3450.00	11.37
950.00	30.83	3475.01	11.33
975.00	30.02	3499.99	11.30
1000.00	29.26	3525.00	11.27
1024.99	28.54	3550.00	11.23
1050.00	27.87	3575.00	11.20
1075.00	27.24	3599.99	11.17
1100.00	26.64	3625.00	11.13
1125.01	26.08	3650.00	11.10
1150.00	25.54	3675.00	11.07
1175.00	25.02	3700.01	11.03
1200.00	24.53	3725.00	11.00
1225.01	24.07	3750.00	10.97
1250.00	23.62	3775.00	10.94
1275.00	23.20	3800.01	10.91
1300.00	22.79	3825.00	10.88
1325.01	22.40	3850.00	10.85
1349.99	22.02	3875.00	10.82
1375.00	21.66	3900.00	10.79
1400.00	21.32	3924.99	10.77
1425.00	20.98	3950.00	10.74
1449.99	20.66	3975.00	10.71
1475.00	20.35	4000.00	10.68
1500.00	20.06	4024.99	10.65
1525.00	19.77	4050.00	10.62
1550.01	19.49	4075.00	10.60
1575.00	19.22	4100.00	10.57
1600.00	18.97	4125.01	10.54
1625.00	18.70	4150.00	10.51
1650.01	18.44	4175.00	10.49
1674.99	18.20	4200.00	10.46
1700.00	17.96	4225.01	10.44
1725.00	17.73	4249.99	10.41
1750.00	17.50	4275.00	10.38
1774.99	17.29	4300.00	10.36
1800.00	17.08	4325.00	10.33
1825.00	16.89	4349.99	10.31
1850.00	16.69	4375.00	10.28
1875.01	16.51	4400.00	10.26
1900.00	16.33	4425.00	10.23
1925.00	16.15	4450.01	10.21
1950.00	15.99	4475.00	10.18
1975.01	15.83	4500.00	10.16

Portol aPM10. out

1999.99	15.67	4525.00	10.14
2025.00	15.52	4550.01	10.11
2050.00	15.37	4575.00	10.09
2075.00	15.23	4600.00	10.06
2099.99	15.10	4625.00	10.04
2125.00	14.96	4650.00	10.02
2150.00	14.84	4674.99	9.994
2175.00	14.71	4700.00	9.971
2199.99	14.59	4725.00	9.948
2225.00	14.47	4750.00	9.925
2250.00	14.36	4774.99	9.903
2275.00	14.25	4800.00	9.880
2300.01	14.14	4825.00	9.858
2325.00	14.04	4850.00	9.835
2350.00	13.94	4875.01	9.813
2375.00	13.85	4900.00	9.791
2400.01	13.75	4925.00	9.769
2424.99	13.66	4950.00	9.747
2450.00	13.57	4975.01	9.725
2475.00	13.49	4999.99	9.704
2500.00	13.41		

***** AERSCREEN MAXIMUM IMPACT SUMMARY *****

3-hour, 8-hour, and 24-hour scaled concentrations are equal to the 1-hour concentration as referenced in SCREENING PROCEDURES FOR ESTIMATING THE AIR QUALITY IMPACT OF STATIONARY SOURCES, REVISED (Section 4.5.4) Report number EPA-454/R-92-019 http://www.epa.gov/scram001/guidance_permits.htm under Screening Guidance

CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
FLAT TERRAIN	66.90	66.90	66.90	66.90	N/A
DISTANCE FROM SOURCE		597.00 meters			
IMPACT AT THE AMBIENT BOUNDARY	49.93	49.93	49.93	49.93	N/A
DISTANCE FROM SOURCE		1.00 meters			

Portol aPM2. 5. OUT

AERSCREEN 11126 / AERMOD 1110

06/19/13
15: 30: 56

TITLE: Portol a PM2. 5

***** AREA PARAMETERS *****

SOURCE EMISSION RATE:	0. 1000 g/s	0. 794 lb/hr
AREA EMISSION RATE:	0. 140E-06 g/(s-m2)	0. 111E-05 lb/(hr-m2)
AREA HEIGHT:	3. 00 meters	9. 84 feet
AREA SOURCE LONG SIDE:	844. 67 meters	2771. 23 feet
AREA SOURCE SHORT SIDE:	844. 67 meters	2771. 23 feet
INITIAL VERTICAL DIMENSION:	1. 00 meters	3. 28 feet
RURAL OR URBAN:	URBAN	
POPULATION:	80000	
INITIAL PROBE DISTANCE =	5000. meters	16404. feet

***** BUILDING DOWNWASH PARAMETERS *****

BUILDING DOWNWASH NOT USED FOR NON-POINT SOURCES

***** FLOW SECTOR ANALYSIS *****

25 meter receptor spacing: 1. meters - 5000. meters

MAXIMUM IMPACT RECEPTOR

Zo SECTOR	SURFACE ROUGHNESS	1-HR CONC (ug/m3)	RADI AL (deg)	DI ST (m)	TEMPORAL PERI OD
1*	1. 000	9. 487	45	575. 0	ANN

* = worst case di agonal

***** MAKEMET METEOROLOGY PARAMETERS *****

MI N/MAX TEMPERATURE: 279. 0 / 300. 0 (K)

MI NI MUM WI ND SPEED: 0. 5 m/s

ANEMOMETER HEI GHT: 10. 000 meters

SURFACE CHARACTERI STI CS I NPUT: USER ENTERED

ALBEDO: 0. 21
BOWEN RATIO: 1. 63

ROUGHNESS LENGTH: 1.000 (meters) Portol aPM2. 5. OUT

METEOROLOGY CONDITIONS USED TO PREDICT OVERALL MAXIMUM IMPACT

YR	MO	DY	JDY	HR	HO	U*	W*	DT/DZ	ZI CNV	ZI MCH	M-O	LEN	ZO	BOWEN	ALBEDO	REF	WS
10	01	28	28	01	-0.90	0.043	-9.000	0.020	-999.	21.	8.3	1.000	1.63	0.21	0.50		
					HT	REF TA	HT										
					10.0	300.0	2.0										

METEOROLOGY CONDITIONS USED TO PREDICT AMBIENT BOUNDARY IMPACT

YR	MO	DY	JDY	HR	HO	U*	W*	DT/DZ	ZI CNV	ZI MCH	M-O	LEN	ZO	BOWEN	ALBEDO	REF	WS
10	01	28	28	01	-0.90	0.043	-9.000	0.020	-999.	21.	8.3	1.000	1.63	0.21	0.50		
					HT	REF TA	HT										
					10.0	300.0	2.0										

***** AERSCREEN AUTOMATED DISTANCES *****
OVERALL MAXIMUM CONCENTRATIONS BY DISTANCE

DIST (m)	MAXIMUM 1-HR CONC (ug/m3)	DIST (m)	MAXIMUM 1-HR CONC (ug/m3)
1.00	7.135	2524.99	1.904
25.00	7.263	2550.00	1.893
50.01	7.392	2575.00	1.882
75.00	7.518	2600.00	1.871
100.00	7.641	2625.01	1.861
125.00	7.760	2650.00	1.851
150.01	7.877	2675.00	1.841
174.99	7.990	2700.00	1.831
200.00	8.101	2725.01	1.822
225.00	8.209	2749.99	1.813
250.00	8.315	2775.00	1.804
274.99	8.418	2800.00	1.796
300.00	8.519	2825.00	1.787
325.00	8.613	2849.99	1.779
350.00	8.668	2875.00	1.771
375.01	8.765	2900.00	1.763
400.00	8.860	2925.00	1.755

Portol aPM2. 5. OUT

425.00	8.954	2950.01	1.748
450.00	9.046	2975.00	1.741
475.01	9.137	3000.00	1.733
500.00	9.226	3025.00	1.726
525.00	9.314	3050.01	1.720
550.00	9.401	3075.00	1.713
575.01	9.487	3100.00	1.706
599.99	9.445	3125.00	1.699
625.00	8.198	3150.00	1.693
650.00	7.339	3174.99	1.687
675.00	6.815	3200.00	1.681
699.99	6.410	3225.00	1.675
725.00	6.078	3250.00	1.669
750.00	5.795	3274.99	1.663
775.00	5.551	3300.00	1.658
800.01	5.336	3325.00	1.652
825.00	5.143	3350.00	1.646
850.00	4.969	3375.01	1.641
875.00	4.811	3400.00	1.635
900.01	4.665	3425.00	1.630
924.99	4.530	3450.00	1.625
950.00	4.406	3475.01	1.620
975.00	4.289	3499.99	1.615
1000.00	4.181	3525.00	1.610
1024.99	4.079	3550.00	1.605
1050.00	3.983	3575.00	1.600
1075.00	3.893	3599.99	1.596
1100.00	3.807	3625.00	1.591
1125.01	3.727	3650.00	1.586
1150.00	3.650	3675.00	1.581
1175.00	3.576	3700.01	1.577
1200.00	3.506	3725.00	1.572
1225.01	3.439	3750.00	1.568
1250.00	3.376	3775.00	1.564
1275.00	3.315	3800.01	1.559
1300.00	3.256	3825.00	1.555
1325.01	3.201	3850.00	1.551
1349.99	3.147	3875.00	1.547
1375.00	3.095	3900.00	1.542
1400.00	3.046	3924.99	1.538
1425.00	2.998	3950.00	1.534
1449.99	2.953	3975.00	1.530
1475.00	2.908	4000.00	1.526
1500.00	2.866	4024.99	1.522
1525.00	2.825	4050.00	1.518
1550.01	2.785	4075.00	1.514
1575.00	2.747	4100.00	1.510
1600.00	2.710	4125.01	1.506
1625.00	2.672	4150.00	1.503
1650.01	2.636	4175.00	1.499
1674.99	2.601	4200.00	1.495
1700.00	2.566	4225.01	1.491
1725.00	2.533	4249.99	1.488
1750.00	2.501	4275.00	1.484
1774.99	2.471	4300.00	1.480
1800.00	2.441	4325.00	1.477
1825.00	2.413	4349.99	1.473
1850.00	2.386	4375.00	1.469
1875.01	2.359	4400.00	1.466
1900.00	2.333	4425.00	1.462
1925.00	2.309	4450.01	1.459
1950.00	2.285	4475.00	1.455
1975.01	2.261	4500.00	1.452

Portol aPM2. 5. OUT

1999.99	2.239	4525.00	1.448
2025.00	2.218	4550.01	1.445
2050.00	2.197	4575.00	1.442
2075.00	2.177	4600.00	1.438
2099.99	2.157	4625.00	1.435
2125.00	2.138	4650.00	1.431
2150.00	2.120	4674.99	1.428
2175.00	2.102	4700.00	1.425
2199.99	2.085	4725.00	1.422
2225.00	2.068	4750.00	1.418
2250.00	2.052	4774.99	1.415
2275.00	2.036	4800.00	1.412
2300.01	2.021	4825.00	1.409
2325.00	2.007	4850.00	1.405
2350.00	1.992	4875.01	1.402
2375.00	1.979	4900.00	1.399
2400.01	1.965	4925.00	1.396
2424.99	1.952	4950.00	1.393
2450.00	1.940	4975.01	1.390
2475.00	1.928	4999.99	1.387
2500.00	1.916		

***** AERSCREEN MAXIMUM IMPACT SUMMARY *****

3-hour, 8-hour, and 24-hour scaled concentrations are equal to the 1-hour concentration as referenced in SCREENING PROCEDURES FOR ESTIMATING THE AIR QUALITY IMPACT OF STATIONARY SOURCES, REVISED (Section 4.5.4) Report number EPA-454/R-92-019 http://www.epa.gov/scram001/guidance_permits.htm under Screening Guidance

CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
FLAT TERRAIN	9.560	9.560	9.560	9.560	N/A
DISTANCE FROM SOURCE		597.00 meters			
IMPACT AT THE AMBIENT BOUNDARY	7.135	7.135	7.135	7.135	N/A
DISTANCE FROM SOURCE		1.00 meters			

LosAlamos-SantaMargari ta. I st

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * * *	BRG (DEG)	* * * *	PRED CONC (PPM)	* * * *	1	2	3	CONC/LI NK (PPM)					8
1. Recpt 1	*	311.	*	1.9	*	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	
2. Recpt 2	*	104.	*	1.8	*	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
3. Recpt 3	*	359.	*	1.9	*	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
4. Recpt 4	*	233.	*	1.8	*	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	

RECEPTOR	* * * *	9	10	11	CONC/LI NK (PPM)					16
1. Recpt 1	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. Recpt 2	*	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
3. Recpt 3	*	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
4. Recpt 4	*	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

RECEPTOR	* * * *	*CONC/LI NK (PPM)			
1. Recpt 1	*	17	18	19	20
2. Recpt 2	*	0.0	0.0	0.0	0.0
3. Recpt 3	*	0.0	0.0	0.0	0.0
4. Recpt 4	*	0.0	0.0	0.0	0.0

1

Run Ended on 4/02/2013 at 11:43:03

Marguerite-El Toro. Ist

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * * *	BRG (DEG)	* * * *	PRED CONC (PPM)	* * * *	1	2	3	CONC/LI NK (PPM)					8
1. Recpt 1	*	298.	*	1.7	*	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
2. Recpt 2	*	132.	*	1.7	*	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
3. Recpt 3	*	55.	*	1.7	*	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
4. Recpt 4	*	172.	*	1.8	*	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	

RECEPTOR	* * * *	9	10	11	CONC/LI NK (PPM)					
1. Recpt 1	*	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
2. Recpt 2	*	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
3. Recpt 3	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. Recpt 4	*	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0

RECEPTOR	* * * *	*CONC/LI NK (PPM)			
1. Recpt 1	*	17	18	19	20
1. Recpt 1	*	0.0	0.0	0.0	0.0
2. Recpt 2	*	0.0	0.0	0.0	0.0
3. Recpt 3	*	0.0	0.0	0.0	0.1
4. Recpt 4	*	0.0	0.0	0.0	0.1

1

Run Ended on 4/02/2013 at 11:25:45

Marguerite-LosAlamos.Ist

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * * *	BRG (DEG)	* * * *	PRED CONC (PPM)	* * * *	1	2	3	CONC/LINK (PPM)					8
1. Recpt 1	*	314.	*	1.7	*	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	
2. Recpt 2	*	99.	*	1.7	*	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3. Recpt 3	*	2.	*	1.7	*	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
4. Recpt 4	*	172.	*	1.6	*	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	

RECEPTOR	* * * *	9	10	11	CONC/LINK (PPM)					16
1. Recpt 1	*	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. Recpt 2	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
3. Recpt 3	*	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. Recpt 4	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RECEPTOR	* * * *	*CONC/LINK (PPM)			
1. Recpt 1	*	17	18	19	20
2. Recpt 2	*	0.0	0.0	0.0	0.0
3. Recpt 3	*	0.0	0.0	0.0	0.0
4. Recpt 4	*	0.0	0.0	0.0	0.0

1

Run Ended on 4/02/2013 at 11:33:09

Marguerite-SantaMargarita.Ist

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * * *	BRG (DEG)	* * * *	PRED CONC (PPM)	* * * *	1	2	3	CONC/LI NK (PPM)					8
1. Recpt 1	*	291.	*	1.8	*	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
2. Recpt 2	*	103.	*	1.9	*	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3. Recpt 3	*	58.	*	1.8	*	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
4. Recpt 4	*	236.	*	1.9	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

RECEPTOR	* * * *	9	10	11	CONC/LI NK (PPM)					
1. Recpt 1	*	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0
2. Recpt 2	*	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1
3. Recpt 3	*	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	
4. Recpt 4	*	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0

RECEPTOR	* * * *	*CONC/LI NK (PPM)			
1. Recpt 1	*	17	18	19	20
1. Recpt 1	*	0.1	0.0	0.0	0.0
2. Recpt 2	*	0.0	0.0	0.0	0.0
3. Recpt 3	*	0.0	0.0	0.0	0.0
4. Recpt 4	*	0.0	0.1	0.0	0.0

1

Run Ended on 4/02/2013 at 11:31:19

Portol a-El Toro. I st

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * * *	BRG (DEG)	* * * *	PRED CONC (PPM)	* * * *	1	2	3	CONC/LI NK (PPM)					8
1. Recpt 1	*	313.	*	2.2	*	0.0	0.2	0.0	0.0	0.0	0.1	0.1	0.0	
2. Recpt 2	*	99.	*	2.1	*	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
3. Recpt 3	*	360.	*	2.1	*	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
4. Recpt 4	*	235.	*	2.0	*	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	

RECEPTOR	* * * *	9	10	11	CONC/LI NK (PPM)					
1. Recpt 1	*	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
2. Recpt 2	*	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1
3. Recpt 3	*	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
4. Recpt 4	*	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

RECEPTOR	* * * *	*CONC/LI NK (PPM)			
1. Recpt 1	*	17	18	19	20
2. Recpt 2	*	0.0	0.0	0.0	0.0
3. Recpt 3	*	0.1	0.0	0.0	0.0
4. Recpt 4	*	0.0	0.0	0.1	0.0

1

Run Ended on 4/02/2013 at 11:29:10

Saddl eback-Mal abar. l st

2. Recpt	2	*	342.	*	1.5	*	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
3. Recpt	3	*	35.	*	1.5	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. Recpt	4	*	109.	*	1.5	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RECEPTOR		*	*CONC/LI NK *(PPM)	9	10	11
1. Recpt	1	*	0.0	0.0	0.0	0.0
2. Recpt	2	*	0.0	0.0	0.0	0.0
3. Recpt	3	*	0.0	0.0	0.0	0.0
4. Recpt	4	*	0.0	0.0	0.0	0.0

1

Run Ended on 4/02/2013 at 11:46:16

1

Saddl eback-Mi ll wood. l st
 CALI NE4 - (DATED CALI NE4x)

3.0.0 PC (32 BIT) VERSION
 (C) COPYRI GHT 2000, TRI NI TY CONSUL TANTS

Run Began on 4/02/2013 at 11:47:38

CALI NE4: CALI FORNIA LI NE SOURCE DI SPERSI ON MODEL
 JUNE 1989 VERSI ON
 PAGE 1

JOB: Saddl eback Ranch Road at Mi ll wood
 RUN: Hour 1 (WORST CASE ANGLE)
 POLLUTANT: Carbon Monoxi de

I. SI TE VI ARI ABLES

U= 0.5 M/S ZO= 100. CM ALT= 0. (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MI XH= 1000. M AMB= 1.4 PPM
 SI GTH= 5. DEGREE S TEMP= 4.4 DEGREE (C)

II. LI NK VI ARI ABLES

LI NK DESCRI PTI ON	* *	LI NK COORDI NATES (M) X1 Y1 X2 Y2	* *	TYPE	VPH	EF (G/MI)	H (M)	W (M)
1. Li nk A	*	6284 -181 6284 -246	*	AG	710	1.5	0.0	24.4
2. Li nk B	*	6284 -246 6284 -300	*	AG	650	3.4	0.0	24.4
3. Li nk C	*	6284 -300 6279 -453	*	AG	660	1.5	0.0	24.4
4. Li nk D	*	6297 -460 6298 -378	*	AG	410	1.5	0.0	24.4
5. Li nk E	*	6298 -378 6298 -319	*	AG	410	1.5	0.0	24.4
6. Li nk F	*	6298 -319 6297 -176	*	AG	410	1.5	0.0	24.4
7. Li nk G	*	6284 -265 6300 -314	*	AG	60	3.4	0.0	24.4
8. Li nk H	*	6300 -314 6462 -325	*	AG	60	1.5	0.0	16.8
9. Li nk I	*	6523 -313 6380 -311	*	AG	60	1.5	0.0	16.8
10. Li nk J	*	6380 -311 6298 -301	*	AG	50	3.4	0.0	16.8
11. Li nk K	*	6370 -310 6284 -326	*	AG	10	3.4	0.0	16.8

III. RECEPTOR LOCATI ONS

RECEPTOR	* *	COORDI NATES (M) X Y Z
1. Recpt 1	*	6325 -280 1.7
2. Recpt 2	*	6315 -339 1.7
3. Recpt 3	*	6243 -327 1.7
4. Recpt 4	*	6246 -277 1.7

IV. MODEL RESULTS (WORST CASE WI ND ANGLE)

RECEPTOR	* *	BRG (DEG)	* *	PRED CONC (PPM)	* *	1	2	3	CONC/LI NK (PPM)	4	5	6	7	8
1. Recpt 1	*	200.	*	1.5	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Saddleback-Millwood.Ist

2. Recpt	2	*	340.	*	1.5	*	0.0	0.1	0.0	0.0	0.0	0.0	0.0
3. Recpt	3	*	36.	*	1.5	*	0.0	0.1	0.0	0.0	0.0	0.0	0.0
4. Recpt	4	*	107.	*	1.5	*	0.0	0.1	0.0	0.0	0.0	0.0	0.0

RECEPTOR		*	*CONC/LINK *(PPM)		
			9	10	11
1. Recpt	1	*	0.0	0.0	0.0
2. Recpt	2	*	0.0	0.0	0.0
3. Recpt	3	*	0.0	0.0	0.0
4. Recpt	4	*	0.0	0.0	0.0

1

Run Ended on 4/02/2013 at 11:47:38