CalEEMod Input Parameters

Land Use Type	Land Use SubType	Land Use Unit Amount	Land Use Size Metric	Lot Acreage	Land Use Square Feet	Population
Industrial	Unrefrigerated Warehouse-No Rail	1864.59	1000sqft	88.88	1,864,590	0

Opening Year:	2015
Climate Zone:	10
Utility Company:	Southern California Edison

Construction

PhaseNumber	PhaseName	Phase Start Date	Phase End Date	Number of Days/Week	NumDays	Notes
1	Demolition	06/02/2012	07/03/2012	5	22	0
2	Site Preparation	07/04/2012	09/25/2012	5	60	0
3	Grading	09/26/2012	04/30/2013	5	155	0
4	Building Construction	05/01/2013	03/31/2015	5	500	0
5	Paving	01/02/2015	03/04/2015	5	44	0
6	Architectural Coating	01/02/2015	04/03/2015	5	66	0

Demolition Amount	Unit
10,000	Building Square Footage
0	0

Phase Name	OffRoad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
Demolition	Excavators	3	8	157	0.57
Demolition	Rubber Tired Dozers	2	8	358	0.59
Site Preparation	Rubber Tired Dozers	3	8	358	0.59
Site Preparation	Tractors/Loaders/Backhoes	4	8	75	0.55
Grading	Excavators	2	8	157	0.57
Grading	Graders	1	8	162	0.61
Grading	Rubber Tired Dozers	1	8	358	0.59
Grading	Scrapers	2	8	356	0.72
Grading	Tractors/Loaders/Backhoes	2	8	75	0.55
Building Construction	Cranes	1	7	208	0.43
Building Construction	Forklifts	3	8	149	0.3
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7	75	0.55
Building Construction	Welders	1	8	46	0.45
Paving	Pavers	2	8	89	0.62
Paving	Paving Equipment	2	8	82	0.53
Paving	Rollers	2	8	84	0.56
Architectural Coating	Air Compressors	1	6	78	0.48

Architectural Coating Parameters	
Residential Interior VOC (g/L)	50
Residential Interior Area (sqft)	0
Residential Exterior VOC (g/L)	100
Residential Exterior Area (sqft)	0
Non-Residential Interior VOC (g/L)	250
Non-Residential Interior Area (sqft)	2,796,885
Non-Residential Exterior VOC (g/L)	250
Non-Residential Exterior Area (sqft)	932,295

Note: the VOC emission rate was reduced from 250 to 10 g/L because the area to be painted is a very small portion of the warehouse and the area amounts cannot be changed.

Phase Name	Number of Worker Trips	Number of Vendor Trips	Number of Haul Trips	Worker Trip Length	Vendor Trip Length	Hauling Trip Length
Demolition	15	0	45	12.7	7.4	20
Site Preparation	18	0	0	12.7	7.4	20
Grading	20	0	0	12.7	7.4	20
Building Construction	783	306	0	12.7	7.4	20
Paving	15	0	0	12.7	7.4	20
Architectural Coating	157	0	0	12.7	7.4	20

Phase	Soil Imported	Soil Exported	Units	Acres of Grading
Site Preparatio	0	0	0	0
Grading	0	0	0	387.5

Operations

Vehicle Trips	Vehicle Trips Land	Trip Rate (/size/day)			Residential Trip Length (miiles)			Nonresidential Trip Length (miiles)			Calculated
Land Use SubType	Use Size Metric	Weekday	Saturday	Sunday	H-W	H-S	H-O	C-C	C-W	C-NW	ADT
Unrefrigerated Warehouse-N	1000sqft	2.59	2.59	2.59	0	0	0	13.3	60	7.4	4,829

				Residential Trip Percentage			Nonresidential Trip Percentage		
	Primary Trip %	Divert Trip %	Pass-By %	H-W	H-S	H-O	C-C	C-W	C-NW
Unrefrigerated Warehouse-No Rail	92	5	3	0	0	0	0	59	41

Fleet Mix	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Total
Annual	56.00%	23.00%	3.50%	2.60%	2.60%	0.00%	0.00%	12.30%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Summer	56.00%	23.00%	3.50%	2.60%	2.60%	0.00%	0.00%	12.30%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Winter	56.00%	23.00%	3.50%	2.60%	2.60%	0.00%	0.00%	12.30%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

Cajun Creek Industrial Park

San Bernardino-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Unrefrigerated Warehouse-No Rail	1864.59	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**		**Utility Company**	Southern California Edison
Climate Zone	10		2.2		
		Precipitation Freq (Days)			
			32		

1.3 User Entered Comments

Project Characteristics -

Land Use - Based on site plans.

Construction Phase - Only simple demo required, simple building construction.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT -

Demolition -

Vehicle Trips - Assumed average haul-truck trip length is 60 miles.

Vechicle Emission Factors - Fleet set to Fontana Truck Study values.

Vechicle Emission Factors - Fleet set to Fontana Truck Study values.

Vechicle Emission Factors - Fleet set to Fontana Truck Study values.

Water And Wastewater - A Water Supply Assessment by EMWD for a similar project estimated water usage at 49,805 gallons per day yielding 18,178,825 gallons per year

Solid Waste - Using 7.9 tons per 1,000 s.f.

Land Use Change -

Sequestration -

Construction Off-road Equipment Mitigation -

Mobile Land Use 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					
2012	12.64	104.04	56.76	0.10	18.34	5.02	22.62	9.94	5.02	14.22	0.00	11,106.11	0.00	1.13	0.00	11,129.95
2013	14.21	97.60	106.96	0.22	14.87	4.60	19.18	3.32	4.60	7.92	0.00	21,990.48	0.00	1.18	0.00	22,015.31
2014	13.04	82.48	99.90	0.22	14.87	3.89	18.76	0.67	3.89	4.56	0.00	21,832.50	0.00	1.09	0.00	21,855.43
2015	672.37	108.71	126.10	0.28	17.51	6.34	23.86	0.77	6.34	7.11	0.00	26,843.90	0.00	1.58	0.00	26,877.06
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					
2012	12.64	104.04	56.76	0.10	7.32	5.02	11.60	3.88	5.02	8.16	0.00	11,106.11	0.00	1.13	0.00	11,129.95
2013	14.21	97.60	106.96	0.22	14.87	4.60	19.18	1.30	4.60	5.90	0.00	21,990.48	0.00	1.18	0.00	22,015.31
2014	13.04	82.48	99.90	0.22	14.87	3.89	18.76	0.67	3.89	4.56	0.00	21,832.50	0.00	1.09	0.00	21,855.43
2015	672.37	108.71	126.10	0.28	17.51	6.34	23.86	0.77	6.34	7.11	0.00	26,843.90	0.00	1.58	0.00	26,877.06
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

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

Category	lb/day										lb/day					
Area	48.75	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
Mobile	84.50	477.77	834.38	1.94	209.76	21.72	231.48	8.38	21.72	30.11		216,724.31		5.37		216,837.18
Total	**133.37**	**478.84**	**835.28**	**1.95**	**209.76**	**21.72**	**231.56**	**8.38**	**21.72**	**30.19**		**218,010.44**		**5.39**	**0.02**	**218,131.14**

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	48.75	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
Mobile	84.50	477.77	834.38	1.94	209.76	21.72	231.48	8.38	21.72	30.11		216,724.31		5.37		216,837.18
Total	**133.37**	**478.84**	**835.28**	**1.95**	**209.76**	**21.72**	**231.56**	**8.38**	**21.72**	**30.19**		**218,010.44**		**5.39**	**0.02**	**218,131.14**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.45	0.00	0.45	0.00	0.00	0.00						0.00
Off-Road	9.34	75.14	44.19	0.07		3.80	3.80		3.80	3.80		7,510.81		0.83		7,528.31
Total	**9.34**	**75.14**	**44.19**	**0.07**	**0.45**	**3.80**	**4.25**	**0.00**	**3.80**	**3.80**		**7,510.81**		**0.83**		**7,528.31**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.10	1.21	0.55	0.00	1.05	0.05	1.10	0.01	0.05	0.06		166.92		0.01		167.03
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	0.11	0.11	1.22	0.00	0.23	0.01	0.24	0.01	0.01	0.02		187.09		0.01		187.32
Total	**0.21**	**1.32**	**1.77**	**0.00**	**1.28**	**0.06**	**1.34**	**0.02**	**0.06**	**0.08**		**354.01**		**0.02**		**354.35**

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	lb/day										lb/day					
Fugitive Dust					0.17	0.00	0.17	0.00	0.00	0.00						0.00
Off-Road	9.34	75.14	44.19	0.07		3.80	3.80		3.80	3.80	0.00	7,510.81		0.83		7,528.31
Total	**9.34**	**75.14**	**44.19**	**0.07**	**0.17**	**3.80**	**3.97**	**0.00**	**3.80**	**3.80**	**0.00**	**7,510.81**		**0.83**		**7,528.31**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.10	1.21	0.55	0.00	1.05	0.05	1.10	0.01	0.05	0.06		166.92		0.01		167.03
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	0.11	0.11	1.22	0.00	0.23	0.01	0.24	0.01	0.01	0.02		187.09		0.01		187.32

Total	**0.21**	**1.32**	**1.77**	**0.00**	**1.28**	**0.06**	**1.34**	**0.02**	**0.06**	**0.08**		**354.01**		**0.02**		**354.35**

3.3 Site Preparation - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	10.43	84.72	47.82	0.07		4.27	4.27		4.27	4.27		7,997.69		0.93		8,017.28
Total	**10.43**	**84.72**	**47.82**	**0.07**	**18.07**	**4.27**	**22.34**	**9.93**	**4.27**	**14.20**		**7,997.69**		**0.93**		**8,017.28**

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	0.00	0.00	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	0.13	0.13	1.47	0.00	0.28	0.01	0.28	0.01	0.01	0.02		224.51		0.01		224.79
Total	**0.13**	**0.13**	**1.47**	**0.00**	**0.28**	**0.01**	**0.28**	**0.01**	**0.01**	**0.02**		**224.51**		**0.01**		**224.79**

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					
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87						0.00
Off-Road	10.43	84.72	47.82	0.07		4.27	4.27		4.27	4.27	0.00	7,997.69		0.93		8,017.28
Total	**10.43**	**84.72**	**47.82**	**0.07**	**7.05**	**4.27**	**11.32**	**3.87**	**4.27**	**8.14**	**0.00**	**7,997.69**		**0.93**		**8,017.28**

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	0.00	0.00	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	0.13	0.13	1.47	0.00	0.28	0.01	0.28	0.01	0.01	0.02		224.51		0.01		224.79
Total	**0.13**	**0.13**	**1.47**	**0.00**	**0.28**	**0.01**	**0.28**	**0.01**	**0.01**	**0.02**		**224.51**		**0.01**		**224.79**

3.4 Grading - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	12.50	103.90	55.13	0.10		5.01	5.01		5.01	5.01		10,856.65		1.12		10,880.18
Total	**12.50**	**103.90**	**55.13**	**0.10**	**8.67**	**5.01**	**13.68**	**3.31**	**5.01**	**8.32**		**10,856.65**		**1.12**		**10,880.18**

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	0.14	0.14	1.63	0.00	0.31	0.01	0.32	0.01	0.01	0.02		249.46		0.01		249.77
Total	**0.14**	**0.14**	**1.63**	**0.00**	**0.31**	**0.01**	**0.32**	**0.01**	**0.01**	**0.02**		**249.46**		**0.01**		**249.77**

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					3.38	0.00	3.38	1.29	0.00	1.29						0.00
Off-Road	12.50	103.90	55.13	0.10		5.01	5.01		5.01	5.01	0.00	10,856.65		1.12		10,880.18
Total	**12.50**	**103.90**	**55.13**	**0.10**	**3.38**	**5.01**	**8.39**	**1.29**	**5.01**	**6.30**	**0.00**	**10,856.65**		**1.12**		**10,880.18**

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	0.14	0.14	1.63	0.00	0.31	0.01	0.32	0.01	0.01	0.02		249.46		0.01		249.77
Total	**0.14**	**0.14**	**1.63**	**0.00**	**0.31**	**0.01**	**0.32**	**0.01**	**0.01**	**0.02**		**249.46**		**0.01**		**249.77**

3.4 Grading - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	11.85	97.47	52.85	0.10		4.59	4.59		4.59	4.59		10,856.66		1.06		10,878.90
Total	**11.85**	**97.47**	**52.85**	**0.10**	**8.67**	**4.59**	**13.26**	**3.31**	**4.59**	**7.90**		**10,856.66**		**1.06**		**10,878.90**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.13	0.13	1.48	0.00	0.31	0.01	0.32	0.01	0.01	0.02		244.03		0.01		244.31
Total	**0.13**	**0.13**	**1.48**	**0.00**	**0.31**	**0.01**	**0.32**	**0.01**	**0.01**	**0.02**		**244.03**		**0.01**		**244.31**

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					3.38	0.00	3.38	1.29	0.00	1.29						0.00
Off-Road	11.85	97.47	52.85	0.10		4.59	4.59		4.59	4.59	0.00	10,856.66		1.06		10,878.90
Total	**11.85**	**97.47**	**52.85**	**0.10**	**3.38**	**4.59**	**7.97**	**1.29**	**4.59**	**5.88**	**0.00**	**10,856.66**		**1.06**		**10,878.90**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.13	0.13	1.48	0.00	0.31	0.01	0.32	0.01	0.01	0.02		244.03		0.01		244.31
Total	**0.13**	**0.13**	**1.48**	**0.00**	**0.31**	**0.01**	**0.32**	**0.01**	**0.01**	**0.02**		**244.03**		**0.01**		**244.31**

3.5 Building Construction - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28		4,040.62		0.46		4,050.31
Total	**5.17**	**34.66**	**23.45**	**0.04**		**2.28**	**2.28**		**2.28**	**2.28**		**4,040.62**		**0.46**		**4,050.31**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	4.01	50.45	25.58	0.08	2.85	1.69	4.54	0.22	1.69	1.91		8,396.16		0.20		8,400.27
Worker	5.03	5.02	57.93	0.10	12.02	0.34	12.36	0.45	0.34	0.79		9,553.70		0.53		9,564.73
Total	**9.04**	**55.47**	**83.51**	**0.18**	**14.87**	**2.03**	**16.90**	**0.67**	**2.03**	**2.70**		**17,949.86**		**0.73**		**17,965.00**

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	lb/day										lb/day					
Off-Road	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28	0.00	4,040.62		0.46		4,050.31
Total	**5.17**	**34.66**	**23.45**	**0.04**		**2.28**	**2.28**		**2.28**	**2.28**	**0.00**	**4,040.62**		**0.46**		**4,050.31**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	4.01	50.45	25.58	0.08	2.85	1.69	4.54	0.22	1.69	1.91		8,396.16		0.20		8,400.27
Worker	5.03	5.02	57.93	0.10	12.02	0.34	12.36	0.45	0.34	0.79		9,553.70		0.53		9,564.73
Total	**9.04**	**55.47**	**83.51**	**0.18**	**14.87**	**2.03**	**16.90**	**0.67**	**2.03**	**2.70**		**17,949.86**		**0.73**		**17,965.00**

3.5 Building Construction - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02		4,040.61		0.42		4,049.51
Total	**4.74**	**32.06**	**23.20**	**0.04**		**2.02**	**2.02**		**2.02**	**2.02**		**4,040.61**		**0.42**		**4,049.51**

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	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	3.66	45.87	23.60	0.08	2.85	1.51	4.37	0.22	1.51	1.73		8,413.27		0.18		8,417.02
Worker	4.64	4.54	53.11	0.10	12.02	0.35	12.37	0.45	0.35	0.80		9,378.62		0.49		9,388.90
Total	**8.30**	**50.41**	**76.71**	**0.18**	**14.87**	**1.86**	**16.74**	**0.67**	**1.86**	**2.53**		**17,791.89**		**0.67**		**17,805.92**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02	0.00	4,040.61		0.42		4,049.51
Total	**4.74**	**32.06**	**23.20**	**0.04**		**2.02**	**2.02**		**2.02**	**2.02**	**0.00**	**4,040.61**		**0.42**		**4,049.51**

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	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	3.66	45.87	23.60	0.08	2.85	1.51	4.37	0.22	1.51	1.73		8,413.27		0.18		8,417.02
Worker	4.64	4.54	53.11	0.10	12.02	0.35	12.37	0.45	0.35	0.80		9,378.62		0.49		9,388.90
Total	**8.30**	**50.41**	**76.71**	**0.18**	**14.87**	**1.86**	**16.74**	**0.67**	**1.86**	**2.53**		**17,791.89**		**0.67**		**17,805.92**

3.5 Building Construction - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80		4,040.61		0.39		4,048.81
Total	**4.34**	**29.16**	**22.98**	**0.04**		**1.80**	**1.80**		**1.80**	**1.80**		**4,040.61**		**0.39**		**4,048.81**

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00

Vendor	3.33	41.87	21.49	0.08	2.85	1.36	4.21	0.22	1.36	1.58		8,421.38		0.16		8,424.78
Worker	4.30	4.11	48.53	0.10	12.02	0.35	12.37	0.45	0.35	0.80		9,168.95		0.45		9,178.43
Total	**7.63**	**45.98**	**70.02**	**0.18**	**14.87**	**1.71**	**16.58**	**0.67**	**1.71**	**2.38**		**17,590.33**		**0.61**		**17,603.21**

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	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80	0.00	4,040.61		0.39		4,048.81
Total	**4.34**	**29.16**	**22.98**	**0.04**		**1.80**	**1.80**		**1.80**	**1.80**	**0.00**	**4,040.61**		**0.39**		**4,048.81**

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	3.33	41.87	21.49	0.08	2.85	1.36	4.21	0.22	1.36	1.58		8,421.38		0.16		8,424.78
Worker	4.30	4.11	48.53	0.10	12.02	0.35	12.37	0.45	0.35	0.80		9,168.95		0.45		9,178.43
Total	**7.63**	**45.98**	**70.02**	**0.18**	**14.87**	**1.71**	**16.58**	**0.67**	**1.71**	**2.38**		**17,590.33**		**0.61**		**17,603.21**

3.6 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	4.89	30.10	20.54	0.03		2.54	2.54		2.54	2.54		2,917.65		0.44		2,926.87
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**4.89**	**30.10**	**20.54**	**0.03**		**2.54**	**2.54**		**2.54**	**2.54**		**2,917.65**		**0.44**		**2,926.87**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	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	0.93	0.00	0.23	0.01	0.24	0.01	0.01	0.02		175.65		0.01		175.83
Total	**0.08**	**0.08**	**0.93**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**175.65**		**0.01**		**175.83**

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	lb/day										lb/day					
Off-Road	4.89	30.10	20.54	0.03		2.54	2.54		2.54	2.54	0.00	2,917.65		0.44		2,926.87
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**4.89**	**30.10**	**20.54**	**0.03**		**2.54**	**2.54**		**2.54**	**2.54**	**0.00**	**2,917.65**		**0.44**		**2,926.87**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	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	0.93	0.00	0.23	0.01	0.24	0.01	0.01	0.02		175.65		0.01		175.83
Total	**0.08**	**0.08**	**0.93**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**175.65**		**0.01**		**175.83**

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	654.16					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	**654.57**	**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	0.86	0.82	9.73	0.02	2.41	0.07	2.48	0.09	0.07	0.16		1,838.47		0.09		1,840.38
Total	**0.86**	**0.82**	**9.73**	**0.02**	**2.41**	**0.07**	**2.48**	**0.09**	**0.07**	**0.16**		**1,838.47**		**0.09**		**1,840.38**

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	lb/day										lb/day					
Archit. Coating	654.16					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	0.00	281.19		0.04		281.96
Total	**654.57**	**2.57**	**1.90**	**0.00**		**0.22**	**0.22**		**0.22**	**0.22**	**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	0.86	0.82	9.73	0.02	2.41	0.07	2.48	0.09	0.07	0.16		1,838.47		0.09		1,840.38
Total	**0.86**	**0.82**	**9.73**	**0.02**	**2.41**	**0.07**	**2.48**	**0.09**	**0.07**	**0.16**		**1,838.47**		**0.09**		**1,840.38**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	84.50	477.77	834.38	1.94	209.76	21.72	231.48	8.38	21.72	30.11		216,724.31		5.37		216,837.18
Unmitigated	84.50	477.77	834.38	1.94	209.76	21.72	231.48	8.38	21.72	30.11		216,724.31		5.37		216,837.18
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unrefrigerated Warehouse-No Rail	4,829.29	4,829.29	4829.29	63,006,489	63,006,489
Total	4,829.29	4,829.29	4,829.29	63,006,489	63,006,489

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Unrefrigerated Warehouse-No Rail	60.00	13.30	7.40	59.00	0.00	41.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

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

Category	lb/day										lb/day					
NaturalGas Mitigated	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
NaturalGas Unmitigated	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
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					
Unrefrigerated Warehouse-No Rail	10932.1	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
Total		**0.12**	**1.07**	**0.90**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,286.13**		**0.02**	**0.02**	**1,293.96**

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					
Unrefrigerated Warehouse-No Rail	10.9321	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
Total		**0.12**	**1.07**	**0.90**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,286.13**		**0.02**	**0.02**	**1,293.96**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.75	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00

Unmitigated	48.75	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.83					0.00	0.00		0.00	0.00						0.00
Consumer Products	36.92					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**48.75**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.83					0.00	0.00		0.00	0.00						0.00
Consumer Products	36.92					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**48.75**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

Cajun Creek Industrial Park

San Bernardino-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Unrefrigerated Warehouse-No Rail	1864.59	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**		**Utility Company**	Southern California Edison
Climate Zone	10		2.2		
		Precipitation Freq (Days)			
			32		

1.3 User Entered Comments

Project Characteristics -

Land Use - Based on site plans.

Construction Phase - Only simple demo required, simple building construction.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT -

Demolition -

Vehicle Trips - Assumed average haul-truck trip length is 60 miles.

Vechicle Emission Factors - Fleet set to Fontana Truck Study values.

Vechicle Emission Factors - Fleet set to Fontana Truck Study values.

Vechicle Emission Factors - Fleet set to Fontana Truck Study values.

Water And Wastewater - A Water Supply Assessment by EMWD for a similar project estimated water usage at 49,805 gallons per day yielding 18,178,825 gallons per year

Solid Waste - Using 7.9 tons per 1,000 s.f.

Land Use Change -

Sequestration -

Construction Off-road Equipment Mitigation -

Mobile Land Use 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					
2012	12.64	104.05	56.55	0.10	18.34	5.02	22.62	9.94	5.02	14.22	0.00	11,077.48	0.00	1.13	0.00	11,101.29
2013	14.43	97.61	102.94	0.21	14.87	4.60	19.22	3.32	4.60	7.92	0.00	20,821.18	0.00	1.15	0.00	20,845.43
2014	13.24	84.27	96.37	0.21	14.87	3.92	18.79	0.67	3.92	4.59	0.00	20,681.20	0.00	1.06	0.00	20,703.52
2015	672.56	110.27	121.64	0.26	17.51	6.37	23.89	0.77	6.37	7.14	0.00	25,481.60	0.00	1.55	0.00	25,514.07
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					
2012	12.64	104.05	56.55	0.10	7.32	5.02	11.60	3.88	5.02	8.16	0.00	11,077.48	0.00	1.13	0.00	11,101.29
2013	14.43	97.61	102.94	0.21	14.87	4.60	19.22	1.30	4.60	5.90	0.00	20,821.18	0.00	1.15	0.00	20,845.43
2014	13.24	84.27	96.37	0.21	14.87	3.92	18.79	0.67	3.92	4.59	0.00	20,681.20	0.00	1.06	0.00	20,703.52
2015	672.56	110.27	121.64	0.26	17.51	6.37	23.89	0.77	6.37	7.14	0.00	25,481.60	0.00	1.55	0.00	25,514.07
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

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

Category	lb/day										lb/day					
Area	48.75	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
Mobile	87.41	502.01	740.93	1.79	209.76	21.84	231.60	8.38	21.84	30.22		201,564.02		5.31		201,675.49
Total	**136.28**	**503.08**	**741.83**	**1.80**	**209.76**	**21.84**	**231.68**	**8.38**	**21.84**	**30.30**		**202,850.15**		**5.33**	**0.02**	**202,969.45**

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	48.75	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
Mobile	87.41	502.01	740.93	1.79	209.76	21.84	231.60	8.38	21.84	30.22		201,564.02		5.31		201,675.49
Total	**136.28**	**503.08**	**741.83**	**1.80**	**209.76**	**21.84**	**231.68**	**8.38**	**21.84**	**30.30**		**202,850.15**		**5.33**	**0.02**	**202,969.45**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.45	0.00	0.45	0.00	0.00	0.00						0.00
Off-Road	9.34	75.14	44.19	0.07		3.80	3.80		3.80	3.80		7,510.81		0.83		7,528.31
Total	**9.34**	**75.14**	**44.19**	**0.07**	**0.45**	**3.80**	**4.25**	**0.00**	**3.80**	**3.80**		**7,510.81**		**0.83**		**7,528.31**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.11	1.26	0.59	0.00	1.05	0.05	1.11	0.01	0.05	0.06		165.99		0.01		166.10
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	0.12	1.07	0.00	0.23	0.01	0.24	0.01	0.01	0.02		165.62		0.01		165.83
Total	**0.22**	**1.38**	**1.66**	**0.00**	**1.28**	**0.06**	**1.35**	**0.02**	**0.06**	**0.08**		**331.61**		**0.02**		**331.93**

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	lb/day										lb/day					
Fugitive Dust					0.17	0.00	0.17	0.00	0.00	0.00						0.00
Off-Road	9.34	75.14	44.19	0.07		3.80	3.80		3.80	3.80	0.00	7,510.81		0.83		7,528.31
Total	**9.34**	**75.14**	**44.19**	**0.07**	**0.17**	**3.80**	**3.97**	**0.00**	**3.80**	**3.80**	**0.00**	**7,510.81**		**0.83**		**7,528.31**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.11	1.26	0.59	0.00	1.05	0.05	1.11	0.01	0.05	0.06		165.99		0.01		166.10
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	0.12	1.07	0.00	0.23	0.01	0.24	0.01	0.01	0.02		165.62		0.01		165.83

Total	**0.22**	**1.38**	**1.66**	**0.00**	**1.28**	**0.06**	**1.35**	**0.02**	**0.06**	**0.08**		**331.61**		**0.02**		**331.93**

3.3 Site Preparation - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	10.43	84.72	47.82	0.07		4.27	4.27		4.27	4.27		7,997.69		0.93		8,017.28
Total	**10.43**	**84.72**	**47.82**	**0.07**	**18.07**	**4.27**	**22.34**	**9.93**	**4.27**	**14.20**		**7,997.69**		**0.93**		**8,017.28**

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	0.00	0.00	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	0.13	0.14	1.28	0.00	0.28	0.01	0.28	0.01	0.01	0.02		198.74		0.01		199.00
Total	**0.13**	**0.14**	**1.28**	**0.00**	**0.28**	**0.01**	**0.28**	**0.01**	**0.01**	**0.02**		**198.74**		**0.01**		**199.00**

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	lb/day										lb/day					
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87						0.00
Off-Road	10.43	84.72	47.82	0.07		4.27	4.27		4.27	4.27	0.00	7,997.69		0.93		8,017.28
Total	**10.43**	**84.72**	**47.82**	**0.07**	**7.05**	**4.27**	**11.32**	**3.87**	**4.27**	**8.14**	**0.00**	**7,997.69**		**0.93**		**8,017.28**

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	0.00	0.00	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	0.13	0.14	1.28	0.00	0.28	0.01	0.28	0.01	0.01	0.02		198.74		0.01		199.00
Total	**0.13**	**0.14**	**1.28**	**0.00**	**0.28**	**0.01**	**0.28**	**0.01**	**0.01**	**0.02**		**198.74**		**0.01**		**199.00**

3.4 Grading - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	12.50	103.90	55.13	0.10		5.01	5.01		5.01	5.01		10,856.65		1.12		10,880.18
Total	**12.50**	**103.90**	**55.13**	**0.10**	**8.67**	**5.01**	**13.68**	**3.31**	**5.01**	**8.32**		**10,856.65**		**1.12**		**10,880.18**

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	0.14	0.16	1.42	0.00	0.31	0.01	0.32	0.01	0.01	0.02		220.83		0.01		221.11
Total	**0.14**	**0.16**	**1.42**	**0.00**	**0.31**	**0.01**	**0.32**	**0.01**	**0.01**	**0.02**		**220.83**		**0.01**		**221.11**

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					
Fugitive Dust					3.38	0.00	3.38	1.29	0.00	1.29						0.00
Off-Road	12.50	103.90	55.13	0.10		5.01	5.01		5.01	5.01	0.00	10,856.65		1.12		10,880.18
Total	**12.50**	**103.90**	**55.13**	**0.10**	**3.38**	**5.01**	**8.39**	**1.29**	**5.01**	**6.30**	**0.00**	**10,856.65**		**1.12**		**10,880.18**

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	0.14	0.16	1.42	0.00	0.31	0.01	0.32	0.01	0.01	0.02		220.83		0.01		221.11
Total	**0.14**	**0.16**	**1.42**	**0.00**	**0.31**	**0.01**	**0.32**	**0.01**	**0.01**	**0.02**		**220.83**		**0.01**		**221.11**

3.4 Grading - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.67	0.00	8.67	3.31	0.00	3.31						0.00
Off-Road	11.85	97.47	52.85	0.10		4.59	4.59		4.59	4.59		10,856.66		1.06		10,878.90
Total	**11.85**	**97.47**	**52.85**	**0.10**	**8.67**	**4.59**	**13.26**	**3.31**	**4.59**	**7.90**		**10,856.66**		**1.06**		**10,878.90**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.13	0.14	1.29	0.00	0.31	0.01	0.32	0.01	0.01	0.02		215.96		0.01		216.23
Total	**0.13**	**0.14**	**1.29**	**0.00**	**0.31**	**0.01**	**0.32**	**0.01**	**0.01**	**0.02**		**215.96**		**0.01**		**216.23**

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					3.38	0.00	3.38	1.29	0.00	1.29						0.00
Off-Road	11.85	97.47	52.85	0.10		4.59	4.59		4.59	4.59	0.00	10,856.66		1.06		10,878.90
Total	**11.85**	**97.47**	**52.85**	**0.10**	**3.38**	**4.59**	**7.97**	**1.29**	**4.59**	**5.88**	**0.00**	**10,856.66**		**1.06**		**10,878.90**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.13	0.14	1.29	0.00	0.31	0.01	0.32	0.01	0.01	0.02		215.96		0.01		216.23
Total	**0.13**	**0.14**	**1.29**	**0.00**	**0.31**	**0.01**	**0.32**	**0.01**	**0.01**	**0.02**		**215.96**		**0.01**		**216.23**

3.5 Building Construction - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28		4,040.62		0.46		4,050.31
Total	**5.17**	**34.66**	**23.45**	**0.04**		**2.28**	**2.28**		**2.28**	**2.28**		**4,040.62**		**0.46**		**4,050.31**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	4.22	52.09	29.01	0.08	2.85	1.72	4.58	0.22	1.72	1.94		8,325.55		0.21		8,329.87
Worker	5.04	5.53	50.48	0.09	12.02	0.34	12.36	0.45	0.34	0.79		8,455.01		0.49		8,465.25
Total	**9.26**	**57.62**	**79.49**	**0.17**	**14.87**	**2.06**	**16.94**	**0.67**	**2.06**	**2.73**		**16,780.56**		**0.70**		**16,795.12**

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	lb/day										lb/day					
Off-Road	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28	0.00	4,040.62		0.46		4,050.31
Total	**5.17**	**34.66**	**23.45**	**0.04**		**2.28**	**2.28**		**2.28**	**2.28**	**0.00**	**4,040.62**		**0.46**		**4,050.31**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	4.22	52.09	29.01	0.08	2.85	1.72	4.58	0.22	1.72	1.94		8,325.55		0.21		8,329.87
Worker	5.04	5.53	50.48	0.09	12.02	0.34	12.36	0.45	0.34	0.79		8,455.01		0.49		8,465.25
Total	**9.26**	**57.62**	**79.49**	**0.17**	**14.87**	**2.06**	**16.94**	**0.67**	**2.06**	**2.73**		**16,780.56**		**0.70**		**16,795.12**

3.5 Building Construction - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02		4,040.61		0.42		4,049.51
Total	**4.74**	**32.06**	**23.20**	**0.04**		**2.02**	**2.02**		**2.02**	**2.02**		**4,040.61**		**0.42**		**4,049.51**

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	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	3.86	47.21	27.02	0.08	2.85	1.55	4.40	0.22	1.55	1.77		8,341.51		0.19		8,345.45
Worker	4.65	5.00	46.15	0.09	12.02	0.35	12.37	0.45	0.35	0.80		8,299.08		0.45		8,308.56
Total	**8.51**	**52.21**	**73.17**	**0.17**	**14.87**	**1.90**	**16.77**	**0.67**	**1.90**	**2.57**		**16,640.59**		**0.64**		**16,654.01**

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	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02	0.00	4,040.61		0.42		4,049.51
Total	**4.74**	**32.06**	**23.20**	**0.04**		**2.02**	**2.02**		**2.02**	**2.02**	**0.00**	**4,040.61**		**0.42**		**4,049.51**

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	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	3.86	47.21	27.02	0.08	2.85	1.55	4.40	0.22	1.55	1.77		8,341.51		0.19		8,345.45
Worker	4.65	5.00	46.15	0.09	12.02	0.35	12.37	0.45	0.35	0.80		8,299.08		0.45		8,308.56
Total	**8.51**	**52.21**	**73.17**	**0.17**	**14.87**	**1.90**	**16.77**	**0.67**	**1.90**	**2.57**		**16,640.59**		**0.64**		**16,654.01**

3.5 Building Construction - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80		4,040.61		0.39		4,048.81
Total	**4.34**	**29.16**	**22.98**	**0.04**		**1.80**	**1.80**		**1.80**	**1.80**		**4,040.61**		**0.39**		**4,048.81**

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00

Vendor	3.51	42.93	24.92	0.08	2.85	1.39	4.24	0.22	1.39	1.61		8,348.22		0.17		8,351.81
Worker	4.31	4.52	42.07	0.09	12.02	0.35	12.37	0.45	0.35	0.80		8,111.98		0.42		8,120.75
Total	**7.82**	**47.45**	**66.99**	**0.17**	**14.87**	**1.74**	**16.61**	**0.67**	**1.74**	**2.41**		**16,460.20**		**0.59**		**16,472.56**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80	0.00	4,040.61		0.39		4,048.81
Total	**4.34**	**29.16**	**22.98**	**0.04**		**1.80**	**1.80**		**1.80**	**1.80**	**0.00**	**4,040.61**		**0.39**		**4,048.81**

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	3.51	42.93	24.92	0.08	2.85	1.39	4.24	0.22	1.39	1.61		8,348.22		0.17		8,351.81
Worker	4.31	4.52	42.07	0.09	12.02	0.35	12.37	0.45	0.35	0.80		8,111.98		0.42		8,120.75
Total	**7.82**	**47.45**	**66.99**	**0.17**	**14.87**	**1.74**	**16.61**	**0.67**	**1.74**	**2.41**		**16,460.20**		**0.59**		**16,472.56**

3.6 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	4.89	30.10	20.54	0.03		2.54	2.54		2.54	2.54		2,917.65		0.44		2,926.87
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**4.89**	**30.10**	**20.54**	**0.03**		**2.54**	**2.54**		**2.54**	**2.54**		**2,917.65**		**0.44**		**2,926.87**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	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	0.81	0.00	0.23	0.01	0.24	0.01	0.01	0.02		155.40		0.01		155.57
Total	**0.08**	**0.09**	**0.81**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**155.40**		**0.01**		**155.57**

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	4.89	30.10	20.54	0.03		2.54	2.54		2.54	2.54	0.00	2,917.65		0.44		2,926.87
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	**4.89**	**30.10**	**20.54**	**0.03**		**2.54**	**2.54**		**2.54**	**2.54**	**0.00**	**2,917.65**		**0.44**		**2,926.87**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	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	0.81	0.00	0.23	0.01	0.24	0.01	0.01	0.02		155.40		0.01		155.57
Total	**0.08**	**0.09**	**0.81**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**155.40**		**0.01**		**155.57**

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	654.16					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	**654.57**	**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	0.86	0.91	8.43	0.02	2.41	0.07	2.48	0.09	0.07	0.16		1,626.54		0.08		1,628.30
Total	**0.86**	**0.91**	**8.43**	**0.02**	**2.41**	**0.07**	**2.48**	**0.09**	**0.07**	**0.16**		**1,626.54**		**0.08**		**1,628.30**

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					
Archit. Coating	654.16					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	0.00	281.19		0.04		281.96
Total	**654.57**	**2.57**	**1.90**	**0.00**		**0.22**	**0.22**		**0.22**	**0.22**	**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	0.86	0.91	8.43	0.02	2.41	0.07	2.48	0.09	0.07	0.16		1,626.54		0.08		1,628.30
Total	**0.86**	**0.91**	**8.43**	**0.02**	**2.41**	**0.07**	**2.48**	**0.09**	**0.07**	**0.16**		**1,626.54**		**0.08**		**1,628.30**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	87.41	502.01	740.93	1.79	209.76	21.84	231.60	8.38	21.84	30.22		201,564.02		5.31		201,675.49
Unmitigated	87.41	502.01	740.93	1.79	209.76	21.84	231.60	8.38	21.84	30.22		201,564.02		5.31		201,675.49
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unrefrigerated Warehouse-No Rail	4,829.29	4,829.29	4829.29	63,006,489	63,006,489
Total	4,829.29	4,829.29	4,829.29	63,006,489	63,006,489

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Unrefrigerated Warehouse-No Rail	60.00	13.30	7.40	59.00	0.00	41.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

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

Category	lb/day										lb/day					
NaturalGas Mitigated	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
NaturalGas Unmitigated	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
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					
Unrefrigerated Warehouse-No Rail	10932.1	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
Total		**0.12**	**1.07**	**0.90**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,286.13**		**0.02**	**0.02**	**1,293.96**

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					
Unrefrigerated Warehouse-No Rail	10.9321	0.12	1.07	0.90	0.01		0.00	0.08		0.00	0.08		1,286.13		0.02	0.02	1,293.96
Total		**0.12**	**1.07**	**0.90**	**0.01**		**0.00**	**0.08**		**0.00**	**0.08**		**1,286.13**		**0.02**	**0.02**	**1,293.96**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.75	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00

Unmitigated	48.75	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.83					0.00	0.00		0.00	0.00						0.00
Consumer Products	36.92					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**48.75**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.83					0.00	0.00		0.00	0.00						0.00
Consumer Products	36.92					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**48.75**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

Cajun Creek Industrial Park

San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Unrefrigerated Warehouse-No Rail	1864.59	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**		**Utility Company**	Southern California Edison
Climate Zone	10		2.2		
		Precipitation Freq (Days)			
			32		

1.3 User Entered Comments

Project Characteristics -

Land Use - Based on site plans.

Construction Phase - Only simple demo required, simple building construction.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT -

Demolition -

Vehicle Trips - Assumed average haul-truck trip length is 60 miles.

Vechicle Emission Factors - Fleet set to Fontana Truck Study values.

Vechicle Emission Factors - Fleet set to Fontana Truck Study values.

Vechicle Emission Factors - Fleet set to Fontana Truck Study values.

Water And Wastewater - A Water Supply Assessment by EMWD for a similar project estimated water usage at 49,805 gallons per day yielding 18,178,825 gallons per year

Solid Waste - Using 7.9 tons per 1,000 s.f.

Land Use Change -

Sequestration -

Construction Off-road Equipment Mitigation -

Mobile Land Use 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					
2012	0.86	6.97	3.93	0.01	1.25	0.34	1.59	0.58	0.34	0.92	0.00	648.39	648.39	0.07	0.00	649.85
2013	1.74	12.10	11.45	0.02	1.85	0.58	2.43	0.34	0.58	0.91	0.00	2,113.21	2,113.21	0.13	0.00	2,116.02
2014	1.67	10.78	12.72	0.03	1.75	0.51	2.25	0.09	0.51	0.60	0.00	2,490.07	2,490.07	0.13	0.00	2,492.72
2015	22.11	3.18	3.73	0.01	0.50	0.18	0.68	0.02	0.18	0.20	0.00	725.56	725.56	0.04	0.00	726.42
Total	**26.38**	**33.03**	**31.83**	**0.07**	**5.35**	**1.61**	**6.95**	**1.03**	**1.61**	**2.63**	**0.00**	**5,977.23**	**5,977.23**	**0.37**	**0.00**	**5,985.01**

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					
2012	0.86	6.97	3.93	0.01	0.51	0.34	0.85	0.23	0.34	0.57	0.00	648.39	648.39	0.07	0.00	649.85
2013	1.74	12.10	11.45	0.02	1.44	0.58	2.02	0.17	0.58	0.74	0.00	2,113.21	2,113.21	0.13	0.00	2,116.02
2014	1.67	10.78	12.72	0.03	1.75	0.51	2.25	0.09	0.51	0.60	0.00	2,490.07	2,490.07	0.13	0.00	2,492.72
2015	22.11	3.18	3.73	0.01	0.50	0.18	0.68	0.02	0.18	0.20	0.00	725.56	725.56	0.04	0.00	726.42
Total	**26.38**	**33.03**	**31.83**	**0.07**	**4.20**	**1.61**	**5.80**	**0.51**	**1.61**	**2.11**	**0.00**	**5,977.23**	**5,977.23**	**0.37**	**0.00**	**5,985.01**

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	8.90	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.02	0.20	0.16	0.00		0.00	0.01		0.00	0.01	0.00	1,850.84	1,850.84	0.08	0.03	1,862.41
Mobile	15.10	87.42	139.33	0.33	34.32	3.96	38.28	1.53	3.96	5.49	0.00	34,006.05	34,006.05	0.88	0.00	34,024.45
Waste						0.00	0.00		0.00	0.00	2,990.11	0.00	2,990.11	176.71	0.00	6,701.03
Water						0.00	0.00		0.00	0.00	0.00	69.05	69.05	0.56	0.01	85.41
Total	**24.02**	**87.62**	**139.49**	**0.33**	**34.32**	**3.96**	**38.29**	**1.53**	**3.96**	**5.50**	**2,990.11**	**35,925.94**	**38,916.05**	**178.23**	**0.04**	**42,673.30**

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	8.90	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.02	0.20	0.16	0.00		0.00	0.01		0.00	0.01	0.00	1,850.84	1,850.84	0.08	0.03	1,862.41
Mobile	15.10	87.42	139.33	0.33	34.32	3.96	38.28	1.53	3.96	5.49	0.00	34,006.05	34,006.05	0.88	0.00	34,024.45
Waste						0.00	0.00		0.00	0.00	2,990.11	0.00	2,990.11	176.71	0.00	6,701.03
Water						0.00	0.00		0.00	0.00	0.00	69.05	69.05	0.56	0.01	85.41
Total	**24.02**	**87.62**	**139.49**	**0.33**	**34.32**	**3.96**	**38.29**	**1.53**	**3.96**	**5.50**	**2,990.11**	**35,925.94**	**38,916.05**	**178.23**	**0.04**	**42,673.30**

2.3 Vegetation

Vegetation

	ROG	NOx	CO	SO2	CO2e
Category	tons				MT
New Trees					14.16
Vegetation Land Change					0.00
Total					**14.16**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.10	0.83	0.49	0.00		0.04	0.04		0.04	0.04	0.00	74.93	74.93	0.01	0.00	75.10
Total	**0.10**	**0.83**	**0.49**	**0.00**	**0.00**	**0.04**	**0.04**	**0.00**	**0.04**	**0.04**	**0.00**	**74.93**	**74.93**	**0.01**	**0.00**	**75.10**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	1.66	1.66	0.00	0.00	1.66
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	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	1.71	1.71	0.00	0.00	1.72
Total	**0.00**	**0.01**	**0.02**	**0.00**	**0.01**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**3.37**	**3.37**	**0.00**	**0.00**	**3.38**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.10	0.83	0.49	0.00		0.04	0.04		0.04	0.04	0.00	74.93	74.93	0.01	0.00	75.10
Total	**0.10**	**0.83**	**0.49**	**0.00**	**0.00**	**0.04**	**0.04**	**0.00**	**0.04**	**0.04**	**0.00**	**74.93**	**74.93**	**0.01**	**0.00**	**75.10**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	1.66	1.66	0.00	0.00	1.66
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	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	1.71	1.71	0.00	0.00	1.72
Total	**0.00**	**0.01**	**0.02**	**0.00**	**0.01**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**3.37**	**3.37**	**0.00**	**0.00**	**3.38**

3.3 Site Preparation - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.54	0.00	0.54	0.30	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.31	2.54	1.43	0.00		0.13	0.13		0.13	0.13	0.00	217.60	217.60	0.03	0.00	218.14
Total	**0.31**	**2.54**	**1.43**	**0.00**	**0.54**	**0.13**	**0.67**	**0.30**	**0.13**	**0.43**	**0.00**	**217.60**	**217.60**	**0.03**	**0.00**	**218.14**

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	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.61	5.61	0.00	0.00	5.62
Total	**0.00**	**0.00**	**0.04**	**0.00**	**0.01**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**5.61**	**5.61**	**0.00**	**0.00**	**5.62**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.21	0.00	0.21	0.12	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.31	2.54	1.43	0.00		0.13	0.13		0.13	0.13	0.00	217.60	217.60	0.03	0.00	218.14

Total	**0.31**	**2.54**	**1.43**	**0.00**	**0.21**	**0.13**	**0.34**	**0.12**	**0.13**	**0.25**	**0.00**	**217.60**	**217.60**	**0.03**	**0.00**	**218.14**

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	0.04	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.61	5.61	0.00	0.00	5.62
Total	**0.00**	**0.00**	**0.04**	**0.00**	**0.01**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**5.61**	**5.61**	**0.00**	**0.00**	**5.62**

3.4 Grading - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.67	0.00	0.67	0.28	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.43	3.58	1.90	0.00		0.17	0.17		0.17	0.17	0.00	339.70	339.70	0.04	0.00	340.43
Total	**0.43**	**3.58**	**1.90**	**0.00**	**0.67**	**0.17**	**0.84**	**0.28**	**0.17**	**0.45**	**0.00**	**339.70**	**339.70**	**0.04**	**0.00**	**340.43**

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	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	0.01	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.17	7.17	0.00	0.00	7.18
Total	**0.00**	**0.01**	**0.05**	**0.00**	**0.01**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**7.17**	**7.17**	**0.00**	**0.00**	**7.18**

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					
Fugitive Dust					0.26	0.00	0.26	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.43	3.58	1.90	0.00		0.17	0.17		0.17	0.17	0.00	339.70	339.70	0.04	0.00	340.43
Total	**0.43**	**3.58**	**1.90**	**0.00**	**0.26**	**0.17**	**0.43**	**0.11**	**0.17**	**0.28**	**0.00**	**339.70**	**339.70**	**0.04**	**0.00**	**340.43**

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	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	0.01	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	7.17	7.17	0.00	0.00	7.18
Total	**0.00**	**0.01**	**0.05**	**0.00**	**0.01**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**7.17**	**7.17**	**0.00**	**0.00**	**7.18**

3.4 Grading - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.67	0.00	0.67	0.28	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.51	4.19	2.27	0.00		0.20	0.20		0.20	0.20	0.00	423.39	423.39	0.04	0.00	424.26
Total	**0.51**	**4.19**	**2.27**	**0.00**	**0.67**	**0.20**	**0.87**	**0.28**	**0.20**	**0.48**	**0.00**	**423.39**	**423.39**	**0.04**	**0.00**	**424.26**

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	0.00	0.00	0.00	0.00	0.00	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	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.74	8.74	0.00	0.00	8.75

Total	**0.01**	**0.01**	**0.06**	**0.00**	**0.01**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**8.74**	**8.74**	**0.00**	**0.00**	**8.75**

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					0.26	0.00	0.26	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.51	4.19	2.27	0.00		0.20	0.20		0.20	0.20	0.00	423.39	423.39	0.04	0.00	424.26
Total	**0.51**	**4.19**	**2.27**	**0.00**	**0.26**	**0.20**	**0.46**	**0.11**	**0.20**	**0.31**	**0.00**	**423.39**	**423.39**	**0.04**	**0.00**	**424.26**

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	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	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	8.74	8.74	0.00	0.00	8.75
Total	**0.01**	**0.01**	**0.06**	**0.00**	**0.01**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**8.74**	**8.74**	**0.00**	**0.00**	**8.75**

3.5 Building Construction - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.45	3.03	2.05	0.00		0.20	0.20		0.20	0.20	0.00	320.65	320.65	0.04	0.00	321.42
Total	**0.45**	**3.03**	**2.05**	**0.00**		**0.20**	**0.20**		**0.20**	**0.20**	**0.00**	**320.65**	**320.65**	**0.04**	**0.00**	**321.42**

Unmitigated Construction Off-Site

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

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.36	4.41	2.45	0.01	0.23	0.15	0.37	0.02	0.15	0.17	0.00	664.14	664.14	0.02	0.00	664.48
Worker	0.41	0.45	4.62	0.01	0.95	0.03	0.97	0.04	0.03	0.07	0.00	696.28	696.28	0.04	0.00	697.11
Total	**0.77**	**4.86**	**7.07**	**0.02**	**1.18**	**0.18**	**1.34**	**0.06**	**0.18**	**0.24**	**0.00**	**1,360.42**	**1,360.42**	**0.06**	**0.00**	**1,361.59**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.03	2.05	0.00		0.20	0.20		0.20	0.20	0.00	320.65	320.65	0.04	0.00	321.42
Total	**0.45**	**3.03**	**2.05**	**0.00**		**0.20**	**0.20**		**0.20**	**0.20**	**0.00**	**320.65**	**320.65**	**0.04**	**0.00**	**321.42**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.36	4.41	2.45	0.01	0.23	0.15	0.37	0.02	0.15	0.17	0.00	664.14	664.14	0.02	0.00	664.48
Worker	0.41	0.45	4.62	0.01	0.95	0.03	0.97	0.04	0.03	0.07	0.00	696.28	696.28	0.04	0.00	697.11
Total	**0.77**	**4.86**	**7.07**	**0.02**	**1.18**	**0.18**	**1.34**	**0.06**	**0.18**	**0.24**	**0.00**	**1,360.42**	**1,360.42**	**0.06**	**0.00**	**1,361.59**

3.5 Building Construction - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.62	4.18	3.03	0.01		0.26	0.26		0.26	0.26	0.00	478.23	478.23	0.05	0.00	479.28
Total	**0.62**	**4.18**	**3.03**	**0.01**		**0.26**	**0.26**		**0.26**	**0.26**	**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.28**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.49	5.98	3.39	0.01	0.34	0.20	0.54	0.03	0.20	0.23	0.00	992.49	992.49	0.02	0.00	992.95
Worker	0.56	0.61	6.30	0.01	1.41	0.05	1.45	0.06	0.05	0.10	0.00	1,019.35	1,019.35	0.05	0.00	1,020.49
Total	**1.05**	**6.59**	**9.69**	**0.02**	**1.75**	**0.25**	**1.99**	**0.09**	**0.25**	**0.33**	**0.00**	**2,011.84**	**2,011.84**	**0.07**	**0.00**	**2,013.44**

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					
Off-Road	0.62	4.18	3.03	0.01		0.26	0.26		0.26	0.26	0.00	478.23	478.23	0.05	0.00	479.28
Total	**0.62**	**4.18**	**3.03**	**0.01**		**0.26**	**0.26**		**0.26**	**0.26**	**0.00**	**478.23**	**478.23**	**0.05**	**0.00**	**479.28**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.49	5.98	3.39	0.01	0.34	0.20	0.54	0.03	0.20	0.23	0.00	992.49	992.49	0.02	0.00	992.95
Worker	0.56	0.61	6.30	0.01	1.41	0.05	1.45	0.06	0.05	0.10	0.00	1,019.35	1,019.35	0.05	0.00	1,020.49
Total	**1.05**	**6.59**	**9.69**	**0.02**	**1.75**	**0.25**	**1.99**	**0.09**	**0.25**	**0.33**	**0.00**	**2,011.84**	**2,011.84**	**0.07**	**0.00**	**2,013.44**

3.5 Building Construction - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.14	0.93	0.74	0.00		0.06	0.06		0.06	0.06	0.00	117.27	117.27	0.01	0.00	117.50
Total	**0.14**	**0.93**	**0.74**	**0.00**		**0.06**	**0.06**		**0.06**	**0.06**	**0.00**	**117.27**	**117.27**	**0.01**	**0.00**	**117.50**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.11	1.34	0.76	0.00	0.08	0.04	0.13	0.01	0.04	0.05	0.00	243.59	243.59	0.00	0.00	243.69
Worker	0.13	0.14	1.41	0.00	0.35	0.01	0.36	0.01	0.01	0.03	0.00	244.34	244.34	0.01	0.00	244.59
Total	**0.24**	**1.48**	**2.17**	**0.00**	**0.43**	**0.05**	**0.49**	**0.02**	**0.05**	**0.08**	**0.00**	**487.93**	**487.93**	**0.01**	**0.00**	**488.28**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.14	0.93	0.74	0.00		0.06	0.06		0.06	0.06	0.00	117.27	117.27	0.01	0.00	117.50
Total	**0.14**	**0.93**	**0.74**	**0.00**		**0.06**	**0.06**		**0.06**	**0.06**	**0.00**	**117.27**	**117.27**	**0.01**	**0.00**	**117.50**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.11	1.34	0.76	0.00	0.08	0.04	0.13	0.01	0.04	0.05	0.00	243.59	243.59	0.00	0.00	243.69
Worker	0.13	0.14	1.41	0.00	0.35	0.01	0.36	0.01	0.01	0.03	0.00	244.34	244.34	0.01	0.00	244.59
Total	**0.24**	**1.48**	**2.17**	**0.00**	**0.43**	**0.05**	**0.49**	**0.02**	**0.05**	**0.08**	**0.00**	**487.93**	**487.93**	**0.01**	**0.00**	**488.28**

3.6 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	0.11	0.66	0.45	0.00		0.06	0.06		0.06	0.06	0.00	58.21	58.21	0.01	0.00	58.40
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.11**	**0.66**	**0.45**	**0.00**		**0.06**	**0.06**		**0.06**	**0.06**	**0.00**	**58.21**	**58.21**	**0.01**	**0.00**	**58.40**

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	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	3.22	3.22	0.00	0.00	3.22
Total	**0.00**	**0.00**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3.22**	**3.22**	**0.00**	**0.00**	**3.22**

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	tons/yr										MT/yr					
Off-Road	0.11	0.66	0.45	0.00		0.06	0.06		0.06	0.06	0.00	58.21	58.21	0.01	0.00	58.40
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.11**	**0.66**	**0.45**	**0.00**		**0.06**	**0.06**		**0.06**	**0.06**	**0.00**	**58.21**	**58.21**	**0.01**	**0.00**	**58.40**

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	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	3.22	3.22	0.00	0.00	3.22
Total	**0.00**	**0.00**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3.22**	**3.22**	**0.00**	**0.00**	**3.22**

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	21.59					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	8.42	8.42	0.00	0.00	8.44
Total	**21.60**	**0.08**	**0.06**	**0.00**		**0.01**	**0.01**		**0.01**	**0.01**	**0.00**	**8.42**	**8.42**	**0.00**	**0.00**	**8.44**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	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	0.07	0.00	0.07	0.00	0.00	0.01	0.00	50.52	50.52	0.00	0.00	50.58
Total	**0.03**	**0.03**	**0.29**	**0.00**	**0.07**	**0.00**	**0.07**	**0.00**	**0.00**	**0.01**	**0.00**	**50.52**	**50.52**	**0.00**	**0.00**	**50.58**

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					
Archit. Coating	21.59					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	8.42	8.42	0.00	0.00	8.44
Total	**21.60**	**0.08**	**0.06**	**0.00**		**0.01**	**0.01**		**0.01**	**0.01**	**0.00**	**8.42**	**8.42**	**0.00**	**0.00**	**8.44**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	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	0.07	0.00	0.07	0.00	0.00	0.01	0.00	50.52	50.52	0.00	0.00	50.58
Total	**0.03**	**0.03**	**0.29**	**0.00**	**0.07**	**0.00**	**0.07**	**0.00**	**0.00**	**0.01**	**0.00**	**50.52**	**50.52**	**0.00**	**0.00**	**50.58**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	15.10	87.42	139.33	0.33	34.32	3.96	38.28	1.53	3.96	5.49	0.00	34,006.05	34,006.05	0.88	0.00	34,024.45
Unmitigated	15.10	87.42	139.33	0.33	34.32	3.96	38.28	1.53	3.96	5.49	0.00	34,006.05	34,006.05	0.88	0.00	34,024.45
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unrefrigerated Warehouse-No Rail	4,829.29	4,829.29	4829.29	63,006,489	63,006,489
Total	4,829.29	4,829.29	4,829.29	63,006,489	63,006,489

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Unrefrigerated Warehouse-No Rail	60.00	13.30	7.40	59.00	0.00	41.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.00	0.00		0.00	0.00	0.00	1,637.91	1,637.91	0.07	0.03	1,648.18
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	1,637.91	1,637.91	0.07	0.03	1,648.18
NaturalGas Mitigated	0.02	0.20	0.16	0.00		0.00	0.01		0.00	0.01	0.00	212.93	212.93	0.00	0.00	214.23
NaturalGas Unmitigated	0.02	0.20	0.16	0.00		0.00	0.01		0.00	0.01	0.00	212.93	212.93	0.00	0.00	214.23
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					
Unrefrigerated Warehouse-No Rail	3.99022e+006	0.02	0.20	0.16	0.00		0.00	0.01		0.00	0.01	0.00	212.93	212.93	0.00	0.00	214.23
Total		**0.02**	**0.20**	**0.16**	**0.00**		**0.00**	**0.01**		**0.00**	**0.01**	**0.00**	**212.93**	**212.93**	**0.00**	**0.00**	**214.23**

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					
Unrefrigerated Warehouse-No Rail	3.99022e+006	0.02	0.20	0.16	0.00		0.00	0.01		0.00	0.01	0.00	212.93	212.93	0.00	0.00	214.23
Total		**0.02**	**0.20**	**0.16**	**0.00**		**0.00**	**0.01**		**0.00**	**0.01**	**0.00**	**212.93**	**212.93**	**0.00**	**0.00**	**214.23**

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			
Unrefrigerated Warehouse-No Rail	5.63106e+006					1,637.91	0.07	0.03	1,648.18
Total						**1,637.91**	**0.07**	**0.03**	**1,648.18**

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Unrefrigerated Warehouse-No Rail	5.63106e+006					1,637.91	0.07	0.03	1,648.18
Total						**1,637.91**	**0.07**	**0.03**	**1,648.18**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	8.90	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unmitigated	8.90	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

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	2.16					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Consumer Products	6.74					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**8.90**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Mitigated

	ROG	NOx	CO	SO2	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	2.16					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	6.74					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**8.90**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					69.05	0.56	0.01	85.41
Unmitigated					69.05	0.56	0.01	85.41
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			

Unrefrigerated Warehouse-No Rail	18.1789 / 0					69.05	0.56	0.01	85.41
Total						**69.05**	**0.56**	**0.01**	**85.41**

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Unrefrigerated Warehouse-No Rail	18.1789 / 0					69.05	0.56	0.01	85.41
Total						**69.05**	**0.56**	**0.01**	**85.41**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					2,990.11	176.71	0.00	6,701.03
Unmitigated					2,990.11	176.71	0.00	6,701.03
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			
Unrefrigerated Warehouse-No Rail	14730.3					2,990.11	176.71	0.00	6,701.03
Total						**2,990.11**	**176.71**	**0.00**	**6,701.03**

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Unrefrigerated Warehouse-No Rail	14730.3					2,990.11	176.71	0.00	6,701.03
Total						**2,990.11**	**176.71**	**0.00**	**6,701.03**

9.0 Vegetation

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons				MT			
Unmitigated					14.16	0.00	0.00	14.16
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

9.1 Vegetation Land Change

Vegetation Type

	Initial/Final	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	Acres	tons				MT			
Wetlands	70 / 5					0.00	0.00	0.00	0.00
Total						**0.00**	**0.00**	**0.00**	**0.00**

9.1 Net New Trees

Species Class

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

Miscellaneous	20					14.16	0.00	0.00	14.16
Total						**14.16**	**0.00**	**0.00**	**14.16**