

APPENDIX A
AIR QUALITY MODELLING DATA

Arroyo Seco

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	144.00	1000sqft	3.31	144,000.00	0
City Park	28.00	Acre	28.00	1,219,680.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	8			Operational Year	2016
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Schedule based on "AQ-Noise-GHG Data_DR_110713.xls"

Off-road Equipment -

Off-road Equipment - Equipment based on "AQ-Noise-GHG Data_DR_110713.xls"

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Off-road Equipment - Equipment based on "AQ-Noise-GHG Data_DR_110713.xls"

Trips and VMT - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Demolition -

Grading - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Architectural Coating - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Vehicle Trips - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Area Coating - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Water And Wastewater - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Construction Off-road Equipment Mitigation -

Off-road Equipment - Per 4/17/14 email from Azhar Khan (akhan@carollo.com), 25HP shaker and associated loader will be used 8 hrs/day.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	681,840.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	681,840.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,045,520.00	750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,045,520.00	90.00
tblAreaCoating	Area_Nonresidential_Exterior	681840	0
tblAreaCoating	Area_Nonresidential_Interior	2045520	840
tblConstructionPhase	NumDays	35.00	5.00
tblConstructionPhase	NumDays	35.00	1.00
tblConstructionPhase	NumDays	500.00	22.00
tblConstructionPhase	NumDays	500.00	65.00
tblConstructionPhase	NumDays	500.00	23.00
tblConstructionPhase	NumDays	30.00	23.00
tblConstructionPhase	NumDays	30.00	11.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDays	45.00	87.00
tblConstructionPhase	NumDays	45.00	87.00
tblConstructionPhase	NumDays	45.00	22.00
tblConstructionPhase	NumDays	35.00	44.00
tblConstructionPhase	NumDays	35.00	21.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	20.00	11.00
tblConstructionPhase	PhaseEndDate	2/22/2016	12/22/2015
tblConstructionPhase	PhaseEndDate	2/1/2016	1/18/2016

tblConstructionPhase	PhaseEndDate	3/15/2016	12/15/2015
tblConstructionPhase	PhaseEndDate	2/18/2016	3/31/2016
tblConstructionPhase	PhaseEndDate	8/31/2015	5/15/2015
tblConstructionPhase	PhaseEndDate	8/14/2015	8/15/2015
tblConstructionPhase	PhaseEndDate	9/15/2015	8/22/2015
tblConstructionPhase	PhaseEndDate	4/14/2016	12/22/2015
tblConstructionPhase	PhaseEndDate	8/31/2015	8/15/2015
tblConstructionPhase	PhaseEndDate	9/22/2015	9/15/2015
tblConstructionPhase	PhaseEndDate	3/17/2016	2/15/2016
tblConstructionPhase	PhaseEndDate	1/20/2016	1/31/2016
tblConstructionPhase	PhaseEndDate	9/7/2015	7/22/2015
tblConstructionPhase	PhaseEndDate	8/6/2015	7/15/2015
tblConstructionPhase	PhaseEndDate	1/14/2016	12/15/2015
tblConstructionPhase	PhaseEndDate	3/22/2016	12/15/2015
tblConstructionPhase	PhaseEndDate	7/17/2015	8/15/2015
tblConstructionPhase	PhaseStartDate	2/16/2016	12/16/2015
tblConstructionPhase	PhaseStartDate	2/1/2016	1/16/2016
tblConstructionPhase	PhaseStartDate	12/16/2015	9/16/2015
tblConstructionPhase	PhaseStartDate	1/19/2016	3/1/2016
tblConstructionPhase	PhaseStartDate	8/16/2015	5/1/2015
tblConstructionPhase	PhaseStartDate	8/16/2015	7/23/2015
tblConstructionPhase	PhaseStartDate	12/16/2015	8/23/2015
tblConstructionPhase	PhaseStartDate	5/1/2015	4/16/2015
tblConstructionPhase	PhaseStartDate	8/23/2015	8/16/2015
tblConstructionPhase	PhaseStartDate	1/16/2016	12/16/2015
tblConstructionPhase	PhaseStartDate	12/23/2015	1/1/2016
tblConstructionPhase	PhaseStartDate	8/16/2015	7/1/2015
tblConstructionPhase	PhaseStartDate	7/23/2015	7/1/2015

tblConstructionPhase	PhaseStartDate	9/16/2015	8/16/2015
tblConstructionPhase	PhaseStartDate	12/23/2015	9/16/2015
tblConstructionPhase	PhaseStartDate	5/16/2015	6/15/2015
tblGrading	AcresOfGrading	0.00	8.00
tblGrading	AcresOfGrading	0.00	20.00
tblGrading	AcresOfGrading	0.00	0.20
tblGrading	MaterialExported	0.00	2,000.00
tblGrading	MaterialExported	0.00	180.00
tblGrading	MaterialExported	0.00	2,400.00
tblGrading	MaterialExported	0.00	80.00
tblGrading	MaterialExported	0.00	80.00
tblOffRoadEquipment	HorsePower	85.00	25.00
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

[illegible]

tblTripsAndVMT	HaulingTripLength	20.00	10.00
tblTripsAndVMT	HaulingTripNumber	250.00	420.00
tblTripsAndVMT	HaulingTripNumber	10.00	20.00
tblTripsAndVMT	HaulingTripNumber	10.00	20.00
tblTripsAndVMT	HaulingTripNumber	2.00	4.00
tblTripsAndVMT	HaulingTripNumber	8.00	16.00
tblTripsAndVMT	HaulingTripNumber	23.00	72.00
tblTripsAndVMT	VendorTripNumber	224.00	20.00
tblTripsAndVMT	VendorTripNumber	224.00	143.00
tblTripsAndVMT	VendorTripNumber	224.00	57.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	573.00	10.00
tblTripsAndVMT	WorkerTripNumber	573.00	366.00
tblTripsAndVMT	WorkerTripNumber	573.00	146.00
tblTripsAndVMT	WorkerTripNumber	115.00	73.00
tblTripsAndVMT	WorkerTripNumber	115.00	29.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblVehicleTrips	ST_TR	1.59	7.14
tblVehicleTrips	SU_TR	1.59	7.14
tblVehicleTrips	WD_TR	1.59	0.96
tblWater	IndoorWaterUseRate	0.00	547,500.00
tblWater	OutdoorWaterUseRate	33,361,477.79	0.00

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					
2015	7.7793	53.3797	68.1620	0.1193	10.7091	3.3353	12.8788	3.4274	3.1926	6.2318	0.0000	11,347.48 50	11,347.48 50	1.2316	0.0000	11,373.34 93
2016	6.9871	60.3417	47.8914	0.0793	2.2445	3.0396	5.2841	0.6021	2.7964	3.3985	0.0000	7,750.117 5	7,750.117 5	1.4934	0.0000	7,781.479 5
Total	14.7664	113.7214	116.0534	0.1986	12.9536	6.3750	18.1629	4.0295	5.9891	9.6303	0.0000	19,097.60 25	19,097.60 25	2.7251	0.0000	19,154.82 88

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					
2015	7.7793	53.3797	68.1620	0.1193	5.1993	3.3353	7.4634	1.3907	3.1926	4.1941	0.0000	11,347.48 50	11,347.48 50	1.2316	0.0000	11,373.34 93
2016	6.9871	60.3417	47.8914	0.0793	2.2445	3.0396	5.2841	0.6021	2.7964	3.3985	0.0000	7,750.117 5	7,750.117 5	1.4934	0.0000	7,781.479 5
Total	14.7664	113.7214	116.0534	0.1986	7.4438	6.3750	12.7476	1.9928	5.9891	7.5926	0.0000	19,097.60 25	19,097.60 25	2.7251	0.0000	19,154.82 88

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	42.53	0.00	29.82	50.54	0.00	21.16	0.00	0.00	0.00	0.00	0.00	0.00

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	27.0053	1.7000e-004	0.0180	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0376	0.0376	1.1000e-004		0.0399
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.7785	2.0784	8.2724	0.0178	1.2213	0.0287	1.2500	0.3266	0.0264	0.3530		1,571.5935	1,571.5935	0.0688		1,573.0375
Total	27.7838	2.0785	8.2904	0.0178	1.2213	0.0288	1.2501	0.3266	0.0265	0.3530		1,571.6311	1,571.6311	0.0689	0.0000	1,573.0774

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	27.0053	1.7000e-004	0.0180	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0376	0.0376	1.1000e-004		0.0399
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.7785	2.0784	8.2724	0.0178	1.2213	0.0287	1.2500	0.3266	0.0264	0.3530		1,571.5935	1,571.5935	0.0688		1,573.0375
Total	27.7838	2.0785	8.2904	0.0178	1.2213	0.0288	1.2501	0.3266	0.0265	0.3530		1,571.6311	1,571.6311	0.0689	0.0000	1,573.0774

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Temp Bridges Constructed	Building Construction	3/1/2015	3/31/2015	5	22	
2	Area 3 Site Prep	Site Preparation	4/1/2015	4/30/2015	5	22	
3	Area 3 Grading	Grading	4/16/2015	8/15/2015	5	87	
4	Area 3 Demo	Demolition	5/1/2015	5/15/2015	5	11	
5	Area 3 Shaker	Grading	6/15/2015	8/15/2015	5	45	
6	Area 1 Site Prep	Site Preparation	7/1/2015	7/22/2015	5	16	
7	Area 2 Site Prep	Site Preparation	7/1/2015	7/15/2015	5	11	
8	Area 2 Demo	Demolition	7/16/2015	8/15/2015	5	22	
9	Area 1 Demo	Demolition	7/23/2015	8/22/2015	5	22	
10	Area 2 Grading	Grading	8/16/2015	9/15/2015	5	22	
11	Area 3 Utilities	Trenching	8/16/2015	12/15/2015	5	87	
12	Area 1 Grading	Grading	8/23/2015	12/22/2015	5	87	
13	Area 2 Utilities	Trenching	9/16/2015	12/15/2015	5	65	
14	Area 3 Building	Building Construction	9/16/2015	12/15/2015	5	65	
15	Area 2 Building	Building Construction	12/16/2015	1/15/2016	5	23	
16	Area 3 Paving	Paving	12/16/2015	2/15/2016	5	44	
17	Area 3 Paint	Architectural Coating	12/16/2015	12/22/2015	5	5	
18	Area 2 Paving	Paving	1/1/2016	1/31/2016	5	21	
19	Area 2 Paint	Architectural Coating	1/16/2016	1/18/2016	5	1	
20	Temp Bridged Demolished	Demolition	3/1/2016	3/31/2016	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 750; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Temp Bridges Constructed	Cranes	1	7.00	226	0.29
Temp Bridges Constructed	Forklifts	1	8.00	89	0.20
Temp Bridges Constructed	Generator Sets	0	8.00	84	0.74
Temp Bridges Constructed	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Temp Bridges Constructed	Welders	1	8.00	46	0.45
Area 3 Site Prep	Excavators	1	8.00	162	0.38
Area 3 Site Prep	Rubber Tired Dozers	1	8.00	255	0.40
Area 3 Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Area 3 Grading	Excavators	2	8.00	162	0.38
Area 3 Grading	Graders	0	8.00	174	0.41
Area 3 Grading	Rubber Tired Dozers	0	8.00	255	0.40
Area 3 Grading	Scrapers	0	8.00	361	0.48
Area 3 Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Area 3 Demo	Concrete/Industrial Saws	2	8.00	81	0.73
Area 3 Demo	Excavators	1	8.00	162	0.38
Area 3 Demo	Rubber Tired Dozers	0	8.00	255	0.40
Area 1 Site Prep	Rubber Tired Dozers	1	8.00	255	0.40
Area 1 Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Area 2 Site Prep	Generator Sets	1	8.00	84	0.74
Area 2 Site Prep	Rough Terrain Forklifts	1	8.00	100	0.40
Area 2 Site Prep	Rubber Tired Dozers	0	8.00	255	0.40
Area 2 Site Prep	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Area 2 Demo	Concrete/Industrial Saws	2	8.00	81	0.73
Area 2 Demo	Excavators	1	8.00	162	0.38
Area 2 Demo	Rubber Tired Dozers	0	8.00	255	0.40
Area 1 Demo	Concrete/Industrial Saws	2	8.00	81	0.73

Area 1 Demo	Excavators	1	8.00	162	0.38
Area 1 Demo	Rubber Tired Dozers	0	8.00	255	0.40
Area 2 Grading	Excavators	1	8.00	162	0.38
Area 2 Grading	Graders	0	8.00	174	0.41
Area 2 Grading	Rubber Tired Dozers	0	8.00	255	0.40
Area 2 Grading	Scrapers	0	8.00	361	0.48
Area 2 Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Area 3 Utilities	Excavators	1	8.00	162	0.38
Area 3 Utilities	Plate Compactors	1	8.00	8	0.43
Area 1 Grading	Excavators	1	8.00	162	0.38
Area 1 Grading	Graders	0	8.00	174	0.41
Area 1 Grading	Rubber Tired Dozers	0	8.00	255	0.40
Area 1 Grading	Scrapers	0	8.00	361	0.48
Area 1 Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Area 2 Utilities	Cranes	1	4.00	226	0.29
Area 2 Utilities	Excavators	1	8.00	162	0.38
Area 2 Utilities	Pumps	1	6.00	84	0.74
Area 3 Building	Cranes	1	7.00	226	0.29
Area 3 Building	Forklifts	0	8.00	89	0.20
Area 3 Building	Generator Sets	0	8.00	84	0.74
Area 3 Building	Pumps	1	8.00	84	0.74
Area 3 Building	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Area 3 Building	Welders	0	8.00	46	0.45
Area 2 Building	Cranes	1	7.00	226	0.29
Area 2 Building	Forklifts	0	8.00	89	0.20
Area 2 Building	Generator Sets	0	8.00	84	0.74
Area 2 Building	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Area 2 Building	Welders	0	8.00	46	0.45

Area 3 Paving	Graders	1	8.00	174	0.41
Area 3 Paving	Pavers	1	8.00	125	0.42
Area 3 Paving	Paving Equipment	2	8.00	130	0.36
Area 3 Paving	Rollers	1	8.00	80	0.38
Area 3 Paint	Air Compressors	1	6.00	78	0.48
Area 2 Paving	Graders	1	8.00	174	0.41
Area 2 Paving	Pavers	1	8.00	125	0.42
Area 2 Paving	Paving Equipment	1	8.00	130	0.36
Area 2 Paving	Rollers	1	8.00	80	0.38
Area 2 Paint	Air Compressors	1	6.00	78	0.48
Temp Bridged Demolished	Concrete/Industrial Saws	0	8.00	81	0.73
Temp Bridged Demolished	Cranes	1	6.00	226	0.29
Temp Bridged Demolished	Excavators	0	8.00	162	0.38
Temp Bridged Demolished	Forklifts	1	8.00	89	0.20
Temp Bridged Demolished	Rubber Tired Dozers	0	8.00	255	0.40
Temp Bridged Demolished	Welders	1	8.00	46	0.45
Area 3 Shaker	Crushing/Proc. Equipment	1	8.00	25	0.78
Area 3 Shaker	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Temp Bridges Constructed	3	10.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Area 3 Site Prep	2	5.00	0.00	300.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Grading	4	10.00	0.00	420.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Demo	3	8.00	0.00	499.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 1 Site Prep	1	3.00	0.00	20.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Site Prep	3	8.00	0.00	20.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Demo	3	8.00	0.00	4.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 1 Demo	3	8.00	0.00	16.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Grading	1	3.00	0.00	72.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Utilities	2	5.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 1 Grading	1	3.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Utilities	3	8.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Building	2	366.00	143.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Building	1	146.00	57.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Paving	5	13.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Paint	1	73.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Paving	4	10.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Paint	1	29.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Temp Bridged Demolished	3	10.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Temp Bridges Constructed - 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	1.5169	11.6477	5.9900	9.0100e-003		0.6830	0.6830		0.6409	0.6409		886.1540	886.1540	0.2588		891.5896
Total	1.5169	11.6477	5.9900	9.0100e-003		0.6830	0.6830		0.6409	0.6409		886.1540	886.1540	0.2588		891.5896

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2120	2.0286	2.6681	4.3700e-003	0.1247	0.0336	0.1582	0.0355	0.0309	0.0663		441.5568	441.5568	3.6700e-003		441.6339
Worker	0.0514	0.0688	0.7205	1.3700e-003	0.1118	1.1200e-003	0.1129	0.0296	1.0200e-003	0.0307		120.0108	120.0108	7.2600e-003		120.1631
Total	0.2634	2.0973	3.3885	5.7400e-003	0.2365	0.0347	0.2711	0.0651	0.0319	0.0970		561.5676	561.5676	0.0109		561.7971

3.2 Temp Bridges Constructed - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5169	11.6477	5.9900	9.0100e-003		0.6830	0.6830		0.6409	0.6409	0.0000	886.1540	886.1540	0.2588		891.5896
Total	1.5169	11.6477	5.9900	9.0100e-003		0.6830	0.6830		0.6409	0.6409	0.0000	886.1540	886.1540	0.2588		891.5896

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2120	2.0286	2.6681	4.3700e-003	0.1247	0.0336	0.1582	0.0355	0.0309	0.0663		441.5568	441.5568	3.6700e-003		441.6339
Worker	0.0514	0.0688	0.7205	1.3700e-003	0.1118	1.1200e-003	0.1129	0.0296	1.0200e-003	0.0307		120.0108	120.0108	7.2600e-003		120.1631
Total	0.2634	2.0973	3.3885	5.7400e-003	0.2365	0.0347	0.2711	0.0651	0.0319	0.0970		561.5676	561.5676	0.0109		561.7971

3.3 Area 3 Site Prep - 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					6.0344	0.0000	6.0344	3.3121	0.0000	3.3121			0.0000			0.0000
Off-Road	1.6897	19.2519	14.4156	0.0142		0.9114	0.9114		0.8385	0.8385		1,489.4863	1,489.4863	0.4447		1,498.8245
Total	1.6897	19.2519	14.4156	0.0142	6.0344	0.9114	6.9458	3.3121	0.8385	4.1506		1,489.4863	1,489.4863	0.4447		1,498.8245

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2022	2.3854	2.7608	5.2200e-003	0.1189	0.0364	0.1553	0.0326	0.0335	0.0661		529.0635	529.0635	4.6900e-003		529.1619
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0257	0.0344	0.3602	6.9000e-004	0.0559	5.6000e-004	0.0565	0.0148	5.1000e-004	0.0153		60.0054	60.0054	3.6300e-003		60.0816
Total	0.2279	2.4197	3.1210	5.9100e-003	0.1747	0.0370	0.2117	0.0474	0.0340	0.0814		589.0689	589.0689	8.3200e-003		589.2435

3.3 Area 3 Site Prep - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3534	0.0000	2.3534	1.2917	0.0000	1.2917			0.0000			0.0000
Off-Road	1.6897	19.2519	14.4156	0.0142		0.9114	0.9114		0.8385	0.8385	0.0000	1,489.4863	1,489.4863	0.4447		1,498.8245
Total	1.6897	19.2519	14.4156	0.0142	2.3534	0.9114	3.2648	1.2917	0.8385	2.1302	0.0000	1,489.4863	1,489.4863	0.4447		1,498.8245

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2022	2.3854	2.7608	5.2200e-003	0.1189	0.0364	0.1553	0.0326	0.0335	0.0661		529.0635	529.0635	4.6900e-003		529.1619
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0257	0.0344	0.3602	6.9000e-004	0.0559	5.6000e-004	0.0565	0.0148	5.1000e-004	0.0153		60.0054	60.0054	3.6300e-003		60.0816
Total	0.2279	2.4197	3.1210	5.9100e-003	0.1747	0.0370	0.2117	0.0474	0.0340	0.0814		589.0689	589.0689	8.3200e-003		589.2435

3.4 Area 3 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					0.2464	0.0000	0.2464	0.0267	0.0000	0.0267			0.0000			0.0000
Off-Road	1.5539	16.5940	11.7296	0.0168		1.0175	1.0175		0.9361	0.9361		1,766.0854	1,766.0854	0.5273		1,777.1577
Total	1.5539	16.5940	11.7296	0.0168	0.2464	1.0175	1.2639	0.0267	0.9361	0.9628		1,766.0854	1,766.0854	0.5273		1,777.1577

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0716	0.8445	0.9774	1.8500e-003	0.0421	0.0129	0.0550	0.0115	0.0119	0.0234		187.3007	187.3007	1.6600e-003		187.3355
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0514	0.0688	0.7205	1.3700e-003	0.1118	1.1200e-003	0.1129	0.0296	1.0200e-003	0.0307		120.0108	120.0108	7.2600e-003		120.1631
Total	0.1230	0.9132	1.6978	3.2200e-003	0.1539	0.0140	0.1679	0.0412	0.0129	0.0541		307.3114	307.3114	8.9200e-003		307.4986

3.4 Area 3 Grading - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0961	0.0000	0.0961	0.0104	0.0000	0.0104			0.0000			0.0000
Off-Road	1.5539	16.5940	11.7296	0.0168		1.0175	1.0175		0.9361	0.9361	0.0000	1,766.085 4	1,766.085 4	0.5273		1,777.157 7
Total	1.5539	16.5940	11.7296	0.0168	0.0961	1.0175	1.1136	0.0104	0.9361	0.9465	0.0000	1,766.085 4	1,766.085 4	0.5273		1,777.157 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0716	0.8445	0.9774	1.8500e-003	0.0421	0.0129	0.0550	0.0115	0.0119	0.0234		187.3007	187.3007	1.6600e-003		187.3355
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0514	0.0688	0.7205	1.3700e-003	0.1118	1.1200e-003	0.1129	0.0296	1.0200e-003	0.0307		120.0108	120.0108	7.2600e-003		120.1631
Total	0.1230	0.9132	1.6978	3.2200e-003	0.1539	0.0140	0.1679	0.0412	0.0129	0.0541		307.3114	307.3114	8.9200e-003		307.4986

3.5 Area 3 Demo - 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					9.8241	0.0000	9.8241	1.4875	0.0000	1.4875			0.0000			0.0000
Off-Road	1.8411	14.8535	11.0459	0.0178		1.0160	1.0160		0.9968	0.9968		1,740.886 4	1,740.886 4	0.2931		1,747.041 3
Total	1.8411	14.8535	11.0459	0.0178	9.8241	1.0160	10.8401	1.4875	0.9968	2.4843		1,740.886 4	1,740.886 4	0.2931		1,747.041 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6727	7.9353	9.1842	0.0174	0.3954	0.1212	0.5166	0.1083	0.1115	0.2197		1,760.018 0	1,760.018 0	0.0156		1,760.345 4
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305
Total	0.7139	7.9903	9.7606	0.0185	0.4848	0.1221	0.6069	0.1320	0.1123	0.2443		1,856.026 6	1,856.026 6	0.0214		1,856.475 9

3.5 Area 3 Demo - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.8314	0.0000	3.8314	0.5801	0.0000	0.5801			0.0000			0.0000
Off-Road	1.8411	14.8535	11.0459	0.0178		1.0160	1.0160		0.9968	0.9968	0.0000	1,740.886 4	1,740.886 4	0.2931		1,747.041 3
Total	1.8411	14.8535	11.0459	0.0178	3.8314	1.0160	4.8474	0.5801	0.9968	1.5769	0.0000	1,740.886 4	1,740.886 4	0.2931		1,747.041 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6727	7.9353	9.1842	0.0174	0.3954	0.1212	0.5166	0.1083	0.1115	0.2197		1,760.018 0	1,760.018 0	0.0156		1,760.345 4
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305
Total	0.7139	7.9903	9.7606	0.0185	0.4848	0.1221	0.6069	0.1320	0.1123	0.2443		1,856.026 6	1,856.026 6	0.0214		1,856.475 9

3.6 Area 3 Shaker - 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	0.3589	3.4182	2.4158	3.1000e-003		0.2676	0.2676		0.2461	0.2461		326.1600	326.1600	0.0974		328.2048
Total	0.3589	3.4182	2.4158	3.1000e-003		0.2676	0.2676		0.2461	0.2461		326.1600	326.1600	0.0974		328.2048

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3589	3.4182	2.4158	3.1000e-003		0.2676	0.2676		0.2461	0.2461	0.0000	326.1600	326.1600	0.0974		328.2048
Total	0.3589	3.4182	2.4158	3.1000e-003		0.2676	0.2676		0.2461	0.2461	0.0000	326.1600	326.1600	0.0974		328.2048

3.7 Area 1 Site Prep - 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					6.0227	0.0000	6.0227	3.3103	0.0000	3.3103			0.0000			0.0000
Off-Road	1.2731	14.3870	10.9764	8.8800e-003		0.6712	0.6712		0.6176	0.6176		933.9313	933.9313	0.2788		939.7864
Total	1.2731	14.3870	10.9764	8.8800e-003	6.0227	0.6712	6.6939	3.3103	0.6176	3.9279		933.9313	933.9313	0.2788		939.7864

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0185	0.2187	0.2531	4.8000e-004	0.0109	3.3400e-003	0.0142	2.9800e-003	3.0700e-003	6.0600e-003		48.4975	48.4975	4.3000e-004		48.5065
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0154	0.0206	0.2161	4.1000e-004	0.0335	3.4000e-004	0.0339	8.8900e-003	3.1000e-004	9.2000e-003		36.0032	36.0032	2.1800e-003		36.0489
Total	0.0340	0.2393	0.4692	8.9000e-004	0.0444	3.6800e-003	0.0481	0.0119	3.3800e-003	0.0153		84.5007	84.5007	2.6100e-003		84.5555

3.7 Area 1 Site Prep - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3488	0.0000	2.3488	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.2731	14.3870	10.9764	8.8800e-003		0.6712	0.6712		0.6176	0.6176	0.0000	933.9313	933.9313	0.2788		939.7864
Total	1.2731	14.3870	10.9764	8.8800e-003	2.3488	0.6712	3.0201	1.2910	0.6176	1.9086	0.0000	933.9313	933.9313	0.2788		939.7864

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0185	0.2187	0.2531	4.8000e-004	0.0109	3.3400e-003	0.0142	2.9800e-003	3.0700e-003	6.0600e-003		48.4975	48.4975	4.3000e-004		48.5065
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0154	0.0206	0.2161	4.1000e-004	0.0335	3.4000e-004	0.0339	8.8900e-003	3.1000e-004	9.2000e-003		36.0032	36.0032	2.1800e-003		36.0489
Total	0.0340	0.2393	0.4692	8.9000e-004	0.0444	3.6800e-003	0.0481	0.0119	3.3800e-003	0.0153		84.5007	84.5007	2.6100e-003		84.5555

3.8 Area 2 Site Prep - 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					8.2000e-004	0.0000	8.2000e-004	1.2000e-004	0.0000	1.2000e-004			0.0000			0.0000
Off-Road	1.3123	11.6799	8.6364	0.0131		0.8236	0.8236		0.7881	0.7881		1,311.7882	1,311.7882	0.2692		1,317.4416
Total	1.3123	11.6799	8.6364	0.0131	8.2000e-004	0.8236	0.8244	1.2000e-004	0.7881	0.7883		1,311.7882	1,311.7882	0.2692		1,317.4416

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0270	0.3181	0.3681	7.0000e-004	0.0159	4.8600e-003	0.0207	4.3400e-003	4.4700e-003	8.8100e-003		70.5418	70.5418	6.2000e-004		70.5549
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305
Total	0.0681	0.3731	0.9445	1.8000e-003	0.1053	5.7500e-003	0.1110	0.0281	5.2900e-003	0.0333		166.5504	166.5504	6.4200e-003		166.6854

3.8 Area 2 Site Prep - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.2000e-004	0.0000	3.2000e-004	5.0000e-005	0.0000	5.0000e-005			0.0000			0.0000
Off-Road	1.3123	11.6799	8.6364	0.0131		0.8236	0.8236		0.7881	0.7881	0.0000	1,311.7882	1,311.7882	0.2692		1,317.4416
Total	1.3123	11.6799	8.6364	0.0131	3.2000e-004	0.8236	0.8239	5.0000e-005	0.7881	0.7882	0.0000	1,311.7882	1,311.7882	0.2692		1,317.4416

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0270	0.3181	0.3681	7.0000e-004	0.0159	4.8600e-003	0.0207	4.3400e-003	4.4700e-003	8.8100e-003		70.5418	70.5418	6.2000e-004		70.5549
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305
Total	0.0681	0.3731	0.9445	1.8000e-003	0.1053	5.7500e-003	0.1110	0.0281	5.2900e-003	0.0333		166.5504	166.5504	6.4200e-003		166.6854

3.9 Area 2 Demo - 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					0.0224	0.0000	0.0224	3.3900e-003	0.0000	3.3900e-003			0.0000			0.0000
Off-Road	1.8411	14.8535	11.0459	0.0178		1.0160	1.0160		0.9968	0.9968		1,740.8864	1,740.8864	0.2931		1,747.0413
Total	1.8411	14.8535	11.0459	0.0178	0.0224	1.0160	1.0384	3.3900e-003	0.9968	1.0002		1,740.8864	1,740.8864	0.2931		1,747.0413

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.7000e-003	0.0318	0.0368	7.0000e-005	1.5800e-003	4.9000e-004	2.0700e-003	4.3000e-004	4.5000e-004	8.8000e-004		7.0542	7.0542	6.0000e-005		7.0555
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305
Total	0.0438	0.0868	0.6132	1.1700e-003	0.0910	1.3800e-003	0.0924	0.0241	1.2700e-003	0.0254		103.0628	103.0628	5.8600e-003		103.1860

3.9 Area 2 Demo - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.7200e-003	0.0000	8.7200e-003	1.3200e-003	0.0000	1.3200e-003			0.0000			0.0000
Off-Road	1.8411	14.8535	11.0459	0.0178		1.0160	1.0160		0.9968	0.9968	0.0000	1,740.8864	1,740.8864	0.2931		1,747.0413
Total	1.8411	14.8535	11.0459	0.0178	8.7200e-003	1.0160	1.0247	1.3200e-003	0.9968	0.9981	0.0000	1,740.8864	1,740.8864	0.2931		1,747.0413

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.7000e-003	0.0318	0.0368	7.0000e-005	1.5800e-003	4.9000e-004	2.0700e-003	4.3000e-004	4.5000e-004	8.8000e-004		7.0542	7.0542	6.0000e-005		7.0555
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305
Total	0.0438	0.0868	0.6132	1.1700e-003	0.0910	1.3800e-003	0.0924	0.0241	1.2700e-003	0.0254		103.0628	103.0628	5.8600e-003		103.1860

3.10 Area 1 Demo - 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					0.0805	0.0000	0.0805	0.0122	0.0000	0.0122			0.0000			0.0000
Off-Road	1.8411	14.8535	11.0459	0.0178		1.0160	1.0160		0.9968	0.9968		1,740.8864	1,740.8864	0.2931		1,747.0413
Total	1.8411	14.8535	11.0459	0.0178	0.0805	1.0160	1.0966	0.0122	0.9968	1.0090		1,740.8864	1,740.8864	0.2931		1,747.0413

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0108	0.1272	0.1472	2.8000e-004	6.3400e-003	1.9400e-003	8.2800e-003	1.7400e-003	1.7900e-003	3.5200e-003		28.2167	28.2167	2.5000e-004		28.2220
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305
Total	0.0519	0.1822	0.7236	1.3800e-003	0.0958	2.8300e-003	0.0986	0.0255	2.6100e-003	0.0281		124.2253	124.2253	6.0500e-003		124.3525

3.10 Area 1 Demo - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0314	0.0000	0.0314	4.7600e-003	0.0000	4.7600e-003			0.0000			0.0000
Off-Road	1.8411	14.8535	11.0459	0.0178		1.0160	1.0160		0.9968	0.9968	0.0000	1,740.8864	1,740.8864	0.2931		1,747.0413
Total	1.8411	14.8535	11.0459	0.0178	0.0314	1.0160	1.0474	4.7600e-003	0.9968	1.0016	0.0000	1,740.8864	1,740.8864	0.2931		1,747.0413

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0108	0.1272	0.1472	2.8000e-004	6.3400e-003	1.9400e-003	8.2800e-003	1.7400e-003	1.7900e-003	3.5200e-003		28.2167	28.2167	2.5000e-004		28.2220
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305
Total	0.0519	0.1822	0.7236	1.3800e-003	0.0958	2.8300e-003	0.0986	0.0255	2.6100e-003	0.0281		124.2253	124.2253	6.0500e-003		124.3525

3.11 Area 2 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					0.0106	0.0000	0.0106	1.1800e-003	0.0000	1.1800e-003			0.0000			0.0000
Off-Road	0.4166	4.8648	3.4392	5.2900e-003		0.2401	0.2401		0.2209	0.2209		555.5551	555.5551	0.1659		559.0381
Total	0.4166	4.8648	3.4392	5.2900e-003	0.0106	0.2401	0.2507	1.1800e-003	0.2209	0.2221		555.5551	555.5551	0.1659		559.0381

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0485	0.5725	0.6626	1.2500e-003	0.0285	8.7400e-003	0.0373	7.8100e-003	8.0400e-003	0.0159		126.9752	126.9752	1.1200e-003		126.9989
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0154	0.0206	0.2161	4.1000e-004	0.0335	3.4000e-004	0.0339	8.8900e-003	3.1000e-004	9.2000e-003		36.0032	36.0032	2.1800e-003		36.0489
Total	0.0640	0.5931	0.8787	1.6600e-003	0.0621	9.0800e-003	0.0711	0.0167	8.3500e-003	0.0251		162.9785	162.9785	3.3000e-003		163.0478

3.11 Area 2 Grading - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1200e-003	0.0000	4.1200e-003	4.6000e-004	0.0000	4.6000e-004			0.0000			0.0000
Off-Road	0.4166	4.8648	3.4392	5.2900e-003		0.2401	0.2401		0.2209	0.2209	0.0000	555.5551	555.5551	0.1659		559.0381
Total	0.4166	4.8648	3.4392	5.2900e-003	4.1200e-003	0.2401	0.2442	4.6000e-004	0.2209	0.2214	0.0000	555.5551	555.5551	0.1659		559.0381

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0485	0.5725	0.6626	1.2500e-003	0.0285	8.7400e-003	0.0373	7.8100e-003	8.0400e-003	0.0159		126.9752	126.9752	1.1200e-003		126.9989
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0154	0.0206	0.2161	4.1000e-004	0.0335	3.4000e-004	0.0339	8.8900e-003	3.1000e-004	9.2000e-003		36.0032	36.0032	2.1800e-003		36.0489
Total	0.0640	0.5931	0.8787	1.6600e-003	0.0621	9.0800e-003	0.0711	0.0167	8.3500e-003	0.0251		162.9785	162.9785	3.3000e-003		163.0478

3.12 Area 3 Utilities - 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	0.4567	5.1161	3.6497	5.7800e-003		0.2499	0.2499		0.2307	0.2307		590.0345	590.0345	0.1694		593.5926
Total	0.4567	5.1161	3.6497	5.7800e-003		0.2499	0.2499		0.2307	0.2307		590.0345	590.0345	0.1694		593.5926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0257	0.0344	0.3602	6.9000e-004	0.0559	5.6000e-004	0.0565	0.0148	5.1000e-004	0.0153		60.0054	60.0054	3.6300e-003		60.0816
Total	0.0257	0.0344	0.3602	6.9000e-004	0.0559	5.6000e-004	0.0565	0.0148	5.1000e-004	0.0153		60.0054	60.0054	3.6300e-003		60.0816

3.12 Area 3 Utilities - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4567	5.1161	3.6497	5.7800e-003		0.2499	0.2499		0.2307	0.2307	0.0000	590.0345	590.0345	0.1694		593.5926
Total	0.4567	5.1161	3.6497	5.7800e-003		0.2499	0.2499		0.2307	0.2307	0.0000	590.0345	590.0345	0.1694		593.5926

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0257	0.0344	0.3602	6.9000e-004	0.0559	5.6000e-004	0.0565	0.0148	5.1000e-004	0.0153		60.0054	60.0054	3.6300e-003		60.0816
Total	0.0257	0.0344	0.3602	6.9000e-004	0.0559	5.6000e-004	0.0565	0.0148	5.1000e-004	0.0153		60.0054	60.0054	3.6300e-003		60.0816

3.13 Area 1 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					0.0975	0.0000	0.0975	0.0105	0.0000	0.0105			0.0000			0.0000
Off-Road	0.4166	4.8648	3.4392	5.2900e-003		0.2401	0.2401		0.2209	0.2209		555.5551	555.5551	0.1659		559.0381
Total	0.4166	4.8648	3.4392	5.2900e-003	0.0975	0.2401	0.3376	0.0105	0.2209	0.2314		555.5551	555.5551	0.1659		559.0381

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0154	0.0206	0.2161	4.1000e-004	0.0335	3.4000e-004	0.0339	8.8900e-003	3.1000e-004	9.2000e-003		36.0032	36.0032	2.1800e-003		36.0489
Total	0.0154	0.0206	0.2161	4.1000e-004	0.0335	3.4000e-004	0.0339	8.8900e-003	3.1000e-004	9.2000e-003		36.0032	36.0032	2.1800e-003		36.0489

3.13 Area 1 Grading - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0380	0.0000	0.0380	4.1100e-003	0.0000	4.1100e-003			0.0000			0.0000
Off-Road	0.4166	4.8648	3.4392	5.2900e-003		0.2401	0.2401		0.2209	0.2209	0.0000	555.5551	555.5551	0.1659		559.0381
Total	0.4166	4.8648	3.4392	5.2900e-003	0.0380	0.2401	0.2782	4.1100e-003	0.2209	0.2250	0.0000	555.5551	555.5551	0.1659		559.0381

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0154	0.0206	0.2161	4.1000e-004	0.0335	3.4000e-004	0.0339	8.8900e-003	3.1000e-004	9.2000e-003		36.0032	36.0032	2.1800e-003		36.0489
Total	0.0154	0.0206	0.2161	4.1000e-004	0.0335	3.4000e-004	0.0339	8.8900e-003	3.1000e-004	9.2000e-003		36.0032	36.0032	2.1800e-003		36.0489

3.14 Area 2 Utilities - 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	1.3460	13.2511	7.8949	0.0130		0.7405	0.7405		0.7052	0.7052		1,319.0085	1,319.0085	0.3044		1,325.4016
Total	1.3460	13.2511	7.8949	0.0130		0.7405	0.7405		0.7052	0.7052		1,319.0085	1,319.0085	0.3044		1,325.4016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305
Total	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305

3.14 Area 2 Utilities - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3460	13.2511	7.8949	0.0130		0.7405	0.7405		0.7052	0.7052	0.0000	1,319.0085	1,319.0085	0.3044		1,325.4016
Total	1.3460	13.2511	7.8949	0.0130		0.7405	0.7405		0.7052	0.7052	0.0000	1,319.0085	1,319.0085	0.3044		1,325.4016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305
Total	0.0411	0.0550	0.5764	1.1000e-003	0.0894	8.9000e-004	0.0903	0.0237	8.2000e-004	0.0245		96.0086	96.0086	5.8000e-003		96.1305

3.15 Area 3 Building - 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	1.3939	13.0171	6.5800	0.0115		0.7510	0.7510		0.7228	0.7228		1,141.3449	1,141.3449	0.2216		1,145.9987
Total	1.3939	13.0171	6.5800	0.0115		0.7510	0.7510		0.7228	0.7228		1,141.3449	1,141.3449	0.2216		1,145.9987

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5154	14.5043	19.0766	0.0313	0.8914	0.2400	1.1314	0.2536	0.2206	0.4742		3,157.1313	3,157.1313	0.0263		3,157.6827
Worker	1.8811	2.5162	26.3689	0.0502	4.0910	0.0409	4.1319	1.0850	0.0375	1.1224		4,392.3936	4,392.3936	0.2656		4,397.9706
Total	3.3966	17.0205	45.4455	0.0815	4.9824	0.2808	5.2633	1.3385	0.2581	1.5966		7,549.5249	7,549.5249	0.2918		7,555.6532

3.15 Area 3 Building - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3939	13.0171	6.5800	0.0115		0.7510	0.7510		0.7228	0.7228	0.0000	1,141.3449	1,141.3449	0.2216		1,145.9987
Total	1.3939	13.0171	6.5800	0.0115		0.7510	0.7510		0.7228	0.7228	0.0000	1,141.3449	1,141.3449	0.2216		1,145.9987

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5154	14.5043	19.0766	0.0313	0.8914	0.2400	1.1314	0.2536	0.2206	0.4742		3,157.1313	3,157.1313	0.0263		3,157.6827
Worker	1.8811	2.5162	26.3689	0.0502	4.0910	0.0409	4.1319	1.0850	0.0375	1.1224		4,392.3936	4,392.3936	0.2656		4,397.9706
Total	3.3966	17.0205	45.4455	0.0815	4.9824	0.2808	5.2633	1.3385	0.2581	1.5966		7,549.5249	7,549.5249	0.2918		7,555.6532

3.16 Area 2 Building - 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	0.6495	7.7087	2.6837	4.9300e-003		0.3519	0.3519		0.3238	0.3238		518.3092	518.3092	0.1547		521.5587
Total	0.6495	7.7087	2.6837	4.9300e-003		0.3519	0.3519		0.3238	0.3238		518.3092	518.3092	0.1547		521.5587

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6041	5.7815	7.6040	0.0125	0.3553	0.0957	0.4510	0.1011	0.0880	0.1890		1,258.4370	1,258.4370	0.0105		1,258.6567
Worker	0.7504	1.0037	10.5188	0.0200	1.6319	0.0163	1.6482	0.4328	0.0149	0.4477		1,752.1570	1,752.1570	0.1059		1,754.3817
Total	1.3545	6.7852	18.1227	0.0325	1.9873	0.1120	2.0992	0.5339	0.1029	0.6368		3,010.5940	3,010.5940	0.1164		3,013.0384

3.16 Area 2 Building - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6495	7.7087	2.6837	4.9300e-003		0.3519	0.3519		0.3238	0.3238	0.0000	518.3092	518.3092	0.1547		521.5587
Total	0.6495	7.7087	2.6837	4.9300e-003		0.3519	0.3519		0.3238	0.3238	0.0000	518.3092	518.3092	0.1547		521.5587

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6041	5.7815	7.6040	0.0125	0.3553	0.0957	0.4510	0.1011	0.0880	0.1890		1,258.4370	1,258.4370	0.0105		1,258.6567
Worker	0.7504	1.0037	10.5188	0.0200	1.6319	0.0163	1.6482	0.4328	0.0149	0.4477		1,752.1570	1,752.1570	0.1059		1,754.3817
Total	1.3545	6.7852	18.1227	0.0325	1.9873	0.1120	2.0992	0.5339	0.1029	0.6368		3,010.5940	3,010.5940	0.1164		3,013.0384

3.16 Area 2 Building - 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	0.6300	7.4651	2.6117	4.9300e-003		0.3387	0.3387		0.3116	0.3116		512.9554	512.9554	0.1547		516.2046
Total	0.6300	7.4651	2.6117	4.9300e-003		0.3387	0.3387		0.3116	0.3116		512.9554	512.9554	0.1547		516.2046

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5298	5.1132	7.0556	0.0124	0.3555	0.0788	0.4343	0.1011	0.0725	0.1736		1,244.8350	1,244.8350	9.4800e-003		1,245.0341
Worker	0.6765	0.9075	9.5100	0.0200	1.6319	0.0154	1.6474	0.4328	0.0142	0.4470		1,693.6454	1,693.6454	0.0977		1,695.6967
Total	1.2063	6.0208	16.5656	0.0325	1.9874	0.0942	2.0817	0.5339	0.0867	0.6206		2,938.4804	2,938.4804	0.1072		2,940.7308

3.16 Area 2 Building - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6300	7.4651	2.6117	4.9300e-003		0.3387	0.3387		0.3116	0.3116	0.0000	512.9554	512.9554	0.1547		516.2046
Total	0.6300	7.4651	2.6117	4.9300e-003		0.3387	0.3387		0.3116	0.3116	0.0000	512.9554	512.9554	0.1547		516.2046

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5298	5.1132	7.0556	0.0124	0.3555	0.0788	0.4343	0.1011	0.0725	0.1736		1,244.8350	1,244.8350	9.4800e-003		1,245.0341
Worker	0.6765	0.9075	9.5100	0.0200	1.6319	0.0154	1.6474	0.4328	0.0142	0.4470		1,693.6454	1,693.6454	0.0977		1,695.6967
Total	1.2063	6.0208	16.5656	0.0325	1.9874	0.0942	2.0817	0.5339	0.0867	0.6206		2,938.4804	2,938.4804	0.1072		2,940.7308

3.17 Area 3 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	2.5595	27.5544	15.0318	0.0214		1.5185	1.5185		1.3970	1.3970		2,247.8878	2,247.8878	0.6711		2,261.9807
Paving	0.1971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7566	27.5544	15.0318	0.0214		1.5185	1.5185		1.3970	1.3970		2,247.8878	2,247.8878	0.6711		2,261.9807

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0668	0.0894	0.9366	1.7800e-003	0.1453	1.4500e-003	0.1468	0.0385	1.3300e-003	0.0399		156.0140	156.0140	9.4300e-003		156.2121
Total	0.0668	0.0894	0.9366	1.7800e-003	0.1453	1.4500e-003	0.1468	0.0385	1.3300e-003	0.0399		156.0140	156.0140	9.4300e-003		156.2121

3.17 Area 3 Paving - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5595	27.5544	15.0318	0.0214		1.5185	1.5185		1.3970	1.3970	0.0000	2,247.8878	2,247.8878	0.6711		2,261.9807
Paving	0.1971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.7566	27.5544	15.0318	0.0214		1.5185	1.5185		1.3970	1.3970	0.0000	2,247.8878	2,247.8878	0.6711		2,261.9807

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0668	0.0894	0.9366	1.7800e-003	0.1453	1.4500e-003	0.1468	0.0385	1.3300e-003	0.0399		156.0140	156.0140	9.4300e-003		156.2121
Total	0.0668	0.0894	0.9366	1.7800e-003	0.1453	1.4500e-003	0.1468	0.0385	1.3300e-003	0.0399		156.0140	156.0140	9.4300e-003		156.2121

3.17 Area 3 Paving - 2016**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3705	25.1401	14.8795	0.0214		1.3906	1.3906		1.2794	1.2794		2,224.279 2	2,224.279 2	0.6709		2,238.368 6
Paving	0.1971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5676	25.1401	14.8795	0.0214		1.3906	1.3906		1.2794	1.2794		2,224.279 2	2,224.279 2	0.6709		2,238.368 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0602	0.0808	0.8468	1.7800e-003	0.1453	1.3700e-003	0.1467	0.0385	1.2600e-003	0.0398		150.8040	150.8040	8.7000e-003		150.9867
Total	0.0602	0.0808	0.8468	1.7800e-003	0.1453	1.3700e-003	0.1467	0.0385	1.2600e-003	0.0398		150.8040	150.8040	8.7000e-003		150.9867

3.17 Area 3 Paving - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3705	25.1401	14.8795	0.0214		1.3906	1.3906		1.2794	1.2794	0.0000	2,224.279 2	2,224.279 2	0.6709		2,238.368 6
Paving	0.1971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5676	25.1401	14.8795	0.0214		1.3906	1.3906		1.2794	1.2794	0.0000	2,224.279 2	2,224.279 2	0.6709		2,238.368 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0602	0.0808	0.8468	1.7800e-003	0.1453	1.3700e-003	0.1467	0.0385	1.2600e-003	0.0398		150.8040	150.8040	8.7000e-003		150.9867
Total	0.0602	0.0808	0.8468	1.7800e-003	0.1453	1.3700e-003	0.1467	0.0385	1.2600e-003	0.0398		150.8040	150.8040	8.7000e-003		150.9867

3.18 Area 3 Paint - 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	1.7381					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	2.1447	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3752	0.5019	5.2594	0.0100	0.8160	8.1500e-003	0.8241	0.2164	7.4700e-003	0.2239		876.0785	876.0785	0.0530		877.1909
Total	0.3752	0.5019	5.2594	0.0100	0.8160	8.1500e-003	0.8241	0.2164	7.4700e-003	0.2239		876.0785	876.0785	0.0530		877.1909

3.18 Area 3 Paint - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.7381					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209	0.0000	281.4481	281.4481	0.0367		282.2177
Total	2.1447	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209	0.0000	281.4481	281.4481	0.0367		282.2177

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3752	0.5019	5.2594	0.0100	0.8160	8.1500e-003	0.8241	0.2164	7.4700e-003	0.2239		876.0785	876.0785	0.0530		877.1909
Total	0.3752	0.5019	5.2594	0.0100	0.8160	8.1500e-003	0.8241	0.2164	7.4700e-003	0.2239		876.0785	876.0785	0.0530		877.1909

3.19 Area 2 Paving - 2016**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0636	21.5729	12.3363	0.0174		1.2136	1.2136		1.1165	1.1165		1,807.595 ₃	1,807.595 ₃	0.5452		1,819.045 ₂
Paving	0.4130					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.4766	21.5729	12.3363	0.0174		1.2136	1.2136		1.1165	1.1165		1,807.595₃	1,807.595₃	0.5452		1,819.045₂

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0463	0.0622	0.6514	1.3700e-003	0.1118	1.0600e-003	0.1128	0.0296	9.7000e-004	0.0306		116.0031	116.0031	6.6900e-003		116.1436
Total	0.0463	0.0622	0.6514	1.3700e-003	0.1118	1.0600e-003	0.1128	0.0296	9.7000e-004	0.0306		116.0031	116.0031	6.6900e-003		116.1436

3.19 Area 2 Paving - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0636	21.5729	12.3363	0.0174		1.2136	1.2136		1.1165	1.1165	0.0000	1,807.595 ₃	1,807.595 ₃	0.5452		1,819.045 ₂
Paving	0.4130					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.4766	21.5729	12.3363	0.0174		1.2136	1.2136		1.1165	1.1165	0.0000	1,807.595₃	1,807.595₃	0.5452		1,819.045₂

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0463	0.0622	0.6514	1.3700e-003	0.1118	1.0600e-003	0.1128	0.0296	9.7000e-004	0.0306		116.0031	116.0031	6.6900e-003		116.1436
Total	0.0463	0.0622	0.6514	1.3700e-003	0.1118	1.0600e-003	0.1128	0.0296	9.7000e-004	0.0306		116.0031	116.0031	6.6900e-003		116.1436

3.20 Area 2 Paint - 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	1.0429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
Total	1.4113	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1344	0.1803	1.8890	3.9800e-003	0.3242	3.0700e-003	0.3272	0.0860	2.8200e-003	0.0888		336.4090	336.4090	0.0194		336.8165
Total	0.1344	0.1803	1.8890	3.9800e-003	0.3242	3.0700e-003	0.3272	0.0860	2.8200e-003	0.0888		336.4090	336.4090	0.0194		336.8165

3.20 Area 2 Paint - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.0429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449
Total	1.4113	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1344	0.1803	1.8890	3.9800e-003	0.3242	3.0700e-003	0.3272	0.0860	2.8200e-003	0.0888		336.4090	336.4090	0.0194		336.8165
Total	0.1344	0.1803	1.8890	3.9800e-003	0.3242	3.0700e-003	0.3272	0.0860	2.8200e-003	0.0888		336.4090	336.4090	0.0194		336.8165

3.21 Temp Bridged Demolished - 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	1.3292	10.1540	5.4713	8.3100e-003		0.5957	0.5957		0.5594	0.5594		805.8757	805.8757	0.2309		810.7242
Total	1.3292	10.1540	5.4713	8.3100e-003		0.5957	0.5957		0.5594	0.5594		805.8757	805.8757	0.2309		810.7242

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1859	1.7941	2.4756	4.3600e-003	0.1247	0.0277	0.1524	0.0355	0.0254	0.0609		436.7842	436.7842	3.3300e-003		436.8541
Worker	0.0463	0.0622	0.6514	1.3700e-003	0.1118	1.0600e-003	0.1128	0.0296	9.7000e-004	0.0306		116.0031	116.0031	6.6900e-003		116.1436
Total	0.2322	1.8563	3.1270	5.7300e-003	0.2365	0.0287	0.2652	0.0651	0.0264	0.0915		552.7873	552.7873	0.0100		552.9977

3.21 Temp Bridged Demolished - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3292	10.1540	5.4713	8.3100e-003		0.5957	0.5957		0.5594	0.5594	0.0000	805.8757	805.8757	0.2309		810.7242
Total	1.3292	10.1540	5.4713	8.3100e-003		0.5957	0.5957		0.5594	0.5594	0.0000	805.8757	805.8757	0.2309		810.7242

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1859	1.7941	2.4756	4.3600e-003	0.1247	0.0277	0.1524	0.0355	0.0254	0.0609		436.7842	436.7842	3.3300e-003		436.8541
Worker	0.0463	0.0622	0.6514	1.3700e-003	0.1118	1.0600e-003	0.1128	0.0296	9.7000e-004	0.0306		116.0031	116.0031	6.6900e-003		116.1436
Total	0.2322	1.8563	3.1270	5.7300e-003	0.2365	0.0287	0.2652	0.0651	0.0264	0.0915		552.7873	552.7873	0.0100		552.9977

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.7785	2.0784	8.2724	0.0178	1.2213	0.0287	1.2500	0.3266	0.0264	0.3530		1,571.5935	1,571.5935	0.0688		1,573.0375
Unmitigated	0.7785	2.0784	8.2724	0.0178	1.2213	0.0287	1.2500	0.3266	0.0264	0.3530		1,571.5935	1,571.5935	0.0688		1,573.0375

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	26.88	199.92	199.92	219,614	219,614
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	26.88	199.92	199.92	219,614	219,614

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	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	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.533598	0.058434	0.178244	0.125508	0.038944	0.006283	0.016425	0.031066	0.002453	0.003157	0.003691	0.000543	0.001655

5.0 Energy Detail

Historical Energy Use: N

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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	27.0053	1.7000e-004	0.0180	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0376	0.0376	1.1000e-004		0.0399
Unmitigated	27.0053	1.7000e-004	0.0180	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0376	0.0376	1.1000e-004		0.0399

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	2.6700e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	27.0009					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.7600e-003	1.7000e-004	0.0180	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0376	0.0376	1.1000e-004		0.0399
Total	27.0053	1.7000e-004	0.0180	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0376	0.0376	1.1000e-004		0.0399

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	2.6700e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	27.0009					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.7600e-003	1.7000e-004	0.0180	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0376	0.0376	1.1000e-004		0.0399
Total	27.0053	1.7000e-004	0.0180	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.0376	0.0376	1.1000e-004		0.0399

7.0 Water Detail

7.1 Mitigation Measures Water**8.0 Waste Detail**

8.1 Mitigation Measures Waste**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Vegetation

Arroyo Seco

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	144.00	1000sqft	3.31	144,000.00	0
City Park	28.00	Acre	28.00	1,219,680.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	8			Operational Year	2016
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Schedule based on "AQ-Noise-GHG Data_DR_110713.xls"

Off-road Equipment -

Off-road Equipment - Equipment based on "AQ-Noise-GHG Data_DR_110713.xls"

Off-road Equipment - Equipment based on "AQ-Noise-GHG Data_DR_110713.xls"

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Off-road Equipment -

Off-road Equipment - Equipment based on "AQ-Noise-GHG Data_DR_110713.xls"

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Off-road Equipment -

Off-road Equipment - Equipment based on "AQ-Noise-GHG Data_DR_110713.xls"

Off-road Equipment - Equipment based on "AQ-Noise-GHG Data_DR_110713.xls"

Off-road Equipment - Equipment based on "AQ-Noise-GHG Data_DR_110713.xls"

Off-road Equipment - Equipment based on "AQ-Noise-GHG Data_DR_110713.xls"

Off-road Equipment - Equipment based on "AQ-Noise-GHG Data_DR_110713.xls"

Trips and VMT - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Demolition -

Grading - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Architectural Coating - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Vehicle Trips - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Area Coating - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Water And Wastewater - Assumptions based on "AQ-Noise-GHG Data_DR_110713.xls"

Construction Off-road Equipment Mitigation -

Off-road Equipment - Per 4/17/14 email from Azhar Khan (akhan@carollo.com), 25HP shaker and associated loader will be used 8 hrs/day.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	681,840.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	681,840.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,045,520.00	750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,045,520.00	90.00
tblAreaCoating	Area_Nonresidential_Exterior	681840	0
tblAreaCoating	Area_Nonresidential_Interior	2045520	840
tblConstructionPhase	NumDays	35.00	5.00
tblConstructionPhase	NumDays	35.00	1.00
tblConstructionPhase	NumDays	500.00	22.00
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tblConstructionPhase	NumDays	45.00	87.00
tblConstructionPhase	NumDays	45.00	22.00
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tblConstructionPhase	NumDays	35.00	21.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	20.00	11.00
tblConstructionPhase	PhaseEndDate	2/22/2016	12/22/2015
tblConstructionPhase	PhaseEndDate	2/1/2016	1/18/2016

tblConstructionPhase	PhaseEndDate	3/15/2016	12/15/2015
tblConstructionPhase	PhaseEndDate	2/18/2016	3/31/2016
tblConstructionPhase	PhaseEndDate	8/31/2015	5/15/2015
tblConstructionPhase	PhaseEndDate	8/14/2015	8/15/2015
tblConstructionPhase	PhaseEndDate	9/15/2015	8/22/2015
tblConstructionPhase	PhaseEndDate	4/14/2016	12/22/2015
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tblConstructionPhase	PhaseEndDate	9/22/2015	9/15/2015
tblConstructionPhase	PhaseEndDate	3/17/2016	2/15/2016
tblConstructionPhase	PhaseEndDate	1/20/2016	1/31/2016
tblConstructionPhase	PhaseEndDate	9/7/2015	7/22/2015
tblConstructionPhase	PhaseEndDate	8/6/2015	7/15/2015
tblConstructionPhase	PhaseEndDate	1/14/2016	12/15/2015
tblConstructionPhase	PhaseEndDate	3/22/2016	12/15/2015
tblConstructionPhase	PhaseEndDate	7/17/2015	8/15/2015
tblConstructionPhase	PhaseStartDate	2/16/2016	12/16/2015
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tblConstructionPhase	PhaseStartDate	1/19/2016	3/1/2016
tblConstructionPhase	PhaseStartDate	8/16/2015	5/1/2015
tblConstructionPhase	PhaseStartDate	8/16/2015	7/23/2015
tblConstructionPhase	PhaseStartDate	12/16/2015	8/23/2015
tblConstructionPhase	PhaseStartDate	5/1/2015	4/16/2015
tblConstructionPhase	PhaseStartDate	8/23/2015	8/16/2015
tblConstructionPhase	PhaseStartDate	1/16/2016	12/16/2015
tblConstructionPhase	PhaseStartDate	12/23/2015	1/1/2016
tblConstructionPhase	PhaseStartDate	8/16/2015	7/1/2015
tblConstructionPhase	PhaseStartDate	7/23/2015	7/1/2015

tblConstructionPhase	PhaseStartDate	9/16/2015	8/16/2015
tblConstructionPhase	PhaseStartDate	12/23/2015	9/16/2015
tblConstructionPhase	PhaseStartDate	5/16/2015	6/15/2015
tblGrading	AcresOfGrading	0.00	8.00
tblGrading	AcresOfGrading	0.00	20.00
tblGrading	AcresOfGrading	0.00	0.20
tblGrading	MaterialExported	0.00	2,000.00
tblGrading	MaterialExported	0.00	180.00
tblGrading	MaterialExported	0.00	2,400.00
tblGrading	MaterialExported	0.00	80.00
tblGrading	MaterialExported	0.00	80.00
tblOffRoadEquipment	HorsePower	85.00	25.00
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

[illegible]

tblTripsAndVMT	HaulingTripLength	20.00	10.00
tblTripsAndVMT	HaulingTripNumber	250.00	420.00
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tblTripsAndVMT	HaulingTripNumber	10.00	20.00
tblTripsAndVMT	HaulingTripNumber	2.00	4.00
tblTripsAndVMT	HaulingTripNumber	8.00	16.00
tblTripsAndVMT	HaulingTripNumber	23.00	72.00
tblTripsAndVMT	VendorTripNumber	224.00	20.00
tblTripsAndVMT	VendorTripNumber	224.00	143.00
tblTripsAndVMT	VendorTripNumber	224.00	57.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	573.00	10.00
tblTripsAndVMT	WorkerTripNumber	573.00	366.00
tblTripsAndVMT	WorkerTripNumber	573.00	146.00
tblTripsAndVMT	WorkerTripNumber	115.00	73.00
tblTripsAndVMT	WorkerTripNumber	115.00	29.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblVehicleTrips	ST_TR	1.59	7.14
tblVehicleTrips	SU_TR	1.59	7.14
tblVehicleTrips	WD_TR	1.59	0.96
tblWater	IndoorWaterUseRate	0.00	547,500.00
tblWater	OutdoorWaterUseRate	33,361,477.79	0.00

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					
2015	0.4701	4.0478	4.0272	6.6300e-003	0.3821	0.2020	0.5841	0.1260	0.1897	0.3157	0.0000	585.5508	585.5508	0.0861	0.0000	587.3592
2016	0.0969	0.8454	0.5933	9.4000e-004	0.0170	0.0447	0.0617	4.5800e-003	0.0413	0.0458	0.0000	84.7360	84.7360	0.0190	0.0000	85.1343
Total	0.5669	4.8932	4.6205	7.5700e-003	0.3991	0.2467	0.6457	0.1306	0.2310	0.3615	0.0000	670.2868	670.2868	0.1051	0.0000	672.4935

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					
2015	0.4701	4.0478	4.0272	6.6300e-003	0.2694	0.2020	0.4713	0.0815	0.1897	0.2712	0.0000	585.5505	585.5505	0.0861	0.0000	587.3589
2016	0.0969	0.8454	0.5933	9.4000e-004	0.0170	0.0447	0.0617	4.5800e-003	0.0413	0.0458	0.0000	84.7359	84.7359	0.0190	0.0000	85.1342
Total	0.5669	4.8932	4.6205	7.5700e-003	0.2863	0.2467	0.5330	0.0861	0.2310	0.3170	0.0000	670.2864	670.2864	0.1051	0.0000	672.4931

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	28.25	0.00	17.46	34.06	0.00	12.30	0.00	0.00	0.00	0.00	0.00	0.00

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	4.9284	2.0000e-005	2.2500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2700e-003	4.2700e-003	1.0000e-005	0.0000	4.5200e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0512	0.1472	0.5766	1.2500e-003	0.0832	1.9900e-003	0.0852	0.0223	1.8300e-003	0.0241	0.0000	100.2037	100.2037	4.3300e-003	0.0000	100.2946
Waste						0.0000	0.0000		0.0000	0.0000	0.4892	0.0000	0.4892	0.0289	0.0000	1.0964
Water						0.0000	0.0000		0.0000	0.0000	0.1737	2.0401	2.2138	0.0179	4.4000e-004	2.7270
Total	4.9796	0.1472	0.5788	1.2500e-003	0.0832	2.0000e-003	0.0852	0.0223	1.8400e-003	0.0241	0.6629	102.2480	102.9110	0.0512	4.4000e-004	104.1224

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.9284	2.0000e-005	2.2500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2700e-003	4.2700e-003	1.0000e-005	0.0000	4.5200e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0512	0.1472	0.5766	1.2500e-003	0.0832	1.9900e-003	0.0852	0.0223	1.8300e-003	0.0241	0.0000	100.2037	100.2037	4.3300e-003	0.0000	100.2946
Waste						0.0000	0.0000		0.0000	0.0000	0.4892	0.0000	0.4892	0.0289	0.0000	1.0964
Water						0.0000	0.0000		0.0000	0.0000	0.1737	2.0401	2.2138	0.0179	4.4000e-004	2.7267
Total	4.9796	0.1472	0.5788	1.2500e-003	0.0832	2.0000e-003	0.0852	0.0223	1.8400e-003	0.0241	0.6629	102.2480	102.9110	0.0512	4.4000e-004	104.1221

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Temp Bridges Constructed	Building Construction	3/1/2015	3/31/2015	5	22	
2	Area 3 Site Prep	Site Preparation	4/1/2015	4/30/2015	5	22	
3	Area 3 Grading	Grading	4/16/2015	8/15/2015	5	87	
4	Area 3 Demo	Demolition	5/1/2015	5/15/2015	5	11	
5	Area 3 Shaker	Grading	6/15/2015	8/15/2015	5	45	
6	Area 1 Site Prep	Site Preparation	7/1/2015	7/22/2015	5	16	
7	Area 2 Site Prep	Site Preparation	7/1/2015	7/15/2015	5	11	
8	Area 2 Demo	Demolition	7/16/2015	8/15/2015	5	22	
9	Area 1 Demo	Demolition	7/23/2015	8/22/2015	5	22	
10	Area 2 Grading	Grading	8/16/2015	9/15/2015	5	22	
11	Area 3 Utilities	Trenching	8/16/2015	12/15/2015	5	87	
12	Area 1 Grading	Grading	8/23/2015	12/22/2015	5	87	
13	Area 2 Utilities	Trenching	9/16/2015	12/15/2015	5	65	
14	Area 3 Building	Building Construction	9/16/2015	12/15/2015	5	65	
15	Area 2 Building	Building Construction	12/16/2015	1/15/2016	5	23	
16	Area 3 Paving	Paving	12/16/2015	2/15/2016	5	44	
17	Area 3 Paint	Architectural Coating	12/16/2015	12/22/2015	5	5	
18	Area 2 Paving	Paving	1/1/2016	1/31/2016	5	21	
19	Area 2 Paint	Architectural Coating	1/16/2016	1/18/2016	5	1	
20	Temp Bridged Demolished	Demolition	3/1/2016	3/31/2016	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 750; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Temp Bridges Constructed	Cranes	1	7.00	226	0.29
Temp Bridges Constructed	Forklifts	1	8.00	89	0.20
Temp Bridges Constructed	Generator Sets	0	8.00	84	0.74
Temp Bridges Constructed	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Temp Bridges Constructed	Welders	1	8.00	46	0.45
Area 3 Site Prep	Excavators	1	8.00	162	0.38
Area 3 Site Prep	Rubber Tired Dozers	1	8.00	255	0.40
Area 3 Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Area 3 Grading	Excavators	2	8.00	162	0.38
Area 3 Grading	Graders	0	8.00	174	0.41
Area 3 Grading	Rubber Tired Dozers	0	8.00	255	0.40
Area 3 Grading	Scrapers	0	8.00	361	0.48
Area 3 Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Area 3 Demo	Concrete/Industrial Saws	2	8.00	81	0.73
Area 3 Demo	Excavators	1	8.00	162	0.38
Area 3 Demo	Rubber Tired Dozers	0	8.00	255	0.40
Area 1 Site Prep	Rubber Tired Dozers	1	8.00	255	0.40
Area 1 Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Area 2 Site Prep	Generator Sets	1	8.00	84	0.74
Area 2 Site Prep	Rough Terrain Forklifts	1	8.00	100	0.40
Area 2 Site Prep	Rubber Tired Dozers	0	8.00	255	0.40
Area 2 Site Prep	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Area 2 Demo	Concrete/Industrial Saws	2	8.00	81	0.73
Area 2 Demo	Excavators	1	8.00	162	0.38
Area 2 Demo	Rubber Tired Dozers	0	8.00	255	0.40
Area 1 Demo	Concrete/Industrial Saws	2	8.00	81	0.73

Area 1 Demo	Excavators	1	8.00	162	0.38
Area 1 Demo	Rubber Tired Dozers	0	8.00	255	0.40
Area 2 Grading	Excavators	1	8.00	162	0.38
Area 2 Grading	Graders	0	8.00	174	0.41
Area 2 Grading	Rubber Tired Dozers	0	8.00	255	0.40
Area 2 Grading	Scrapers	0	8.00	361	0.48
Area 2 Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Area 3 Utilities	Excavators	1	8.00	162	0.38
Area 3 Utilities	Plate Compactors	1	8.00	8	0.43
Area 1 Grading	Excavators	1	8.00	162	0.38
Area 1 Grading	Graders	0	8.00	174	0.41
Area 1 Grading	Rubber Tired Dozers	0	8.00	255	0.40
Area 1 Grading	Scrapers	0	8.00	361	0.48
Area 1 Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Area 2 Utilities	Cranes	1	4.00	226	0.29
Area 2 Utilities	Excavators	1	8.00	162	0.38
Area 2 Utilities	Pumps	1	6.00	84	0.74
Area 3 Building	Cranes	1	7.00	226	0.29
Area 3 Building	Forklifts	0	8.00	89	0.20
Area 3 Building	Generator Sets	0	8.00	84	0.74
Area 3 Building	Pumps	1	8.00	84	0.74
Area 3 Building	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Area 3 Building	Welders	0	8.00	46	0.45
Area 2 Building	Cranes	1	7.00	226	0.29
Area 2 Building	Forklifts	0	8.00	89	0.20
Area 2 Building	Generator Sets	0	8.00	84	0.74
Area 2 Building	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Area 2 Building	Welders	0	8.00	46	0.45

Area 3 Paving	Graders	1	8.00	174	0.41
Area 3 Paving	Pavers	1	8.00	125	0.42
Area 3 Paving	Paving Equipment	2	8.00	130	0.36
Area 3 Paving	Rollers	1	8.00	80	0.38
Area 3 Paint	Air Compressors	1	6.00	78	0.48
Area 2 Paving	Graders	1	8.00	174	0.41
Area 2 Paving	Pavers	1	8.00	125	0.42
Area 2 Paving	Paving Equipment	1	8.00	130	0.36
Area 2 Paving	Rollers	1	8.00	80	0.38
Area 2 Paint	Air Compressors	1	6.00	78	0.48
Temp Bridged Demolished	Concrete/Industrial Saws	0	8.00	81	0.73
Temp Bridged Demolished	Cranes	1	6.00	226	0.29
Temp Bridged Demolished	Excavators	0	8.00	162	0.38
Temp Bridged Demolished	Forklifts	1	8.00	89	0.20
Temp Bridged Demolished	Rubber Tired Dozers	0	8.00	255	0.40
Temp Bridged Demolished	Welders	1	8.00	46	0.45
Area 3 Shaker	Crushing/Proc. Equipment	1	8.00	25	0.78
Area 3 Shaker	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Temp Bridges Constructed	3	10.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Area 3 Site Prep	2	5.00	0.00	300.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Grading	4	10.00	0.00	420.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Demo	3	8.00	0.00	499.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 1 Site Prep	1	3.00	0.00	20.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Site Prep	3	8.00	0.00	20.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Demo	3	8.00	0.00	4.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 1 Demo	3	8.00	0.00	16.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Grading	1	3.00	0.00	72.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Utilities	2	5.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 1 Grading	1	3.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Utilities	3	8.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Building	2	366.00	143.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Building	1	146.00	57.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Paving	5	13.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 3 Paint	1	73.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Paving	4	10.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Area 2 Paint	1	29.00	0.00	0.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Temp Bridged Demolished	3	10.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Temp Bridges Constructed - 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	0.0167	0.1281	0.0659	1.0000e-004		7.5100e-003	7.5100e-003		7.0500e-003	7.0500e-003	0.0000	8.8430	8.8430	2.5800e-003	0.0000	8.8972
Total	0.0167	0.1281	0.0659	1.0000e-004		7.5100e-003	7.5100e-003		7.0500e-003	7.0500e-003	0.0000	8.8430	8.8430	2.5800e-003	0.0000	8.8972

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2500e-003	0.0228	0.0283	5.0000e-005	1.3500e-003	3.7000e-004	1.7200e-003	3.8000e-004	3.4000e-004	7.2000e-004	0.0000	4.4276	4.4276	4.0000e-005	0.0000	4.4284
Worker	5.3000e-004	7.8000e-004	8.0900e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.2168	1.2168	7.0000e-005	0.0000	1.2184
Total	2.7800e-003	0.0235	0.0363	7.0000e-005	2.5600e-003	3.8000e-004	2.9400e-003	7.0000e-004	3.5000e-004	1.0500e-003	0.0000	5.6444	5.6444	1.1000e-004	0.0000	5.6467

3.2 Temp Bridges Constructed - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0167	0.1281	0.0659	1.0000e-004		7.5100e-003	7.5100e-003		7.0500e-003	7.0500e-003	0.0000	8.8430	8.8430	2.5800e-003	0.0000	8.8972
Total	0.0167	0.1281	0.0659	1.0000e-004		7.5100e-003	7.5100e-003		7.0500e-003	7.0500e-003	0.0000	8.8430	8.8430	2.5800e-003	0.0000	8.8972

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2500e-003	0.0228	0.0283	5.0000e-005	1.3500e-003	3.7000e-004	1.7200e-003	3.8000e-004	3.4000e-004	7.2000e-004	0.0000	4.4276	4.4276	4.0000e-005	0.0000	4.4284
Worker	5.3000e-004	7.8000e-004	8.0900e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.2168	1.2168	7.0000e-005	0.0000	1.2184
Total	2.7800e-003	0.0235	0.0363	7.0000e-005	2.5600e-003	3.8000e-004	2.9400e-003	7.0000e-004	3.5000e-004	1.0500e-003	0.0000	5.6444	5.6444	1.1000e-004	0.0000	5.6467

3.3 Area 3 Site Prep - 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					0.0664	0.0000	0.0664	0.0364	0.0000	0.0364	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0186	0.2118	0.1586	1.6000e-004		0.0100	0.0100		9.2200e-003	9.2200e-003	0.0000	14.8636	14.8636	4.4400e-003	0.0000	14.9568
Total	0.0186	0.2118	0.1586	1.6000e-004	0.0664	0.0100	0.0764	0.0364	9.2200e-003	0.0457	0.0000	14.8636	14.8636	4.4400e-003	0.0000	14.9568

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1600e-003	0.0267	0.0294	6.0000e-005	1.2800e-003	4.0000e-004	1.6800e-003	3.5000e-004	3.7000e-004	7.2000e-004	0.0000	5.2936	5.2936	5.0000e-005	0.0000	5.2946
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	3.9000e-004	4.0400e-003	1.0000e-005	6.0000e-004	1.0000e-005	6.1000e-004	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	0.6084	0.6084	4.0000e-005	0.0000	0.6092
Total	2.4300e-003	0.0271	0.0334	7.0000e-005	1.8800e-003	4.1000e-004	2.2900e-003	5.1000e-004	3.8000e-004	8.9000e-004	0.0000	5.9020	5.9020	9.0000e-005	0.0000	5.9037

3.3 Area 3 Site Prep - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0259	0.0000	0.0259	0.0142	0.0000	0.0142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0186	0.2118	0.1586	1.6000e-004		0.0100	0.0100		9.2200e-003	9.2200e-003	0.0000	14.8636	14.8636	4.4400e-003	0.0000	14.9568
Total	0.0186	0.2118	0.1586	1.6000e-004	0.0259	0.0100	0.0359	0.0142	9.2200e-003	0.0234	0.0000	14.8636	14.8636	4.4400e-003	0.0000	14.9568

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1600e-003	0.0267	0.0294	6.0000e-005	1.2800e-003	4.0000e-004	1.6800e-003	3.5000e-004	3.7000e-004	7.2000e-004	0.0000	5.2936	5.2936	5.0000e-005	0.0000	5.2946
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	3.9000e-004	4.0400e-003	1.0000e-005	6.0000e-004	1.0000e-005	6.1000e-004	1.6000e-004	1.0000e-005	1.7000e-004	0.0000	0.6084	0.6084	4.0000e-005	0.0000	0.6092
Total	2.4300e-003	0.0271	0.0334	7.0000e-005	1.8800e-003	4.1000e-004	2.2900e-003	5.1000e-004	3.8000e-004	8.9000e-004	0.0000	5.9020	5.9020	9.0000e-005	0.0000	5.9037

3.4 Area 3 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					0.0107	0.0000	0.0107	1.1600e-003	0.0000	1.1600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0676	0.7218	0.5102	7.3000e-004		0.0443	0.0443		0.0407	0.0407	0.0000	69.6942	69.6942	0.0208	0.0000	70.1312
Total	0.0676	0.7218	0.5102	7.3000e-004	0.0107	0.0443	0.0550	1.1600e-003	0.0407	0.0419	0.0000	69.6942	69.6942	0.0208	0.0000	70.1312

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0300e-003	0.0374	0.0411	8.0000e-005	1.8000e-003	5.6000e-004	2.3600e-003	4.9000e-004	5.1000e-004	1.0100e-003	0.0000	7.4111	7.4111	6.0000e-005	0.0000	7.4124
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1100e-003	3.0700e-003	0.0320	6.0000e-005	4.7700e-003	5.0000e-005	4.8200e-003	1.2700e-003	4.0000e-005	1.3100e-003	0.0000	4.8120	4.8120	2.9000e-004	0.0000	4.8180
Total	5.1400e-003	0.0405	0.0731	1.4000e-004	6.5700e-003	6.1000e-004	7.1800e-003	1.7600e-003	5.5000e-004	2.3200e-003	0.0000	12.2231	12.2231	3.5000e-004	0.0000	12.2304

3.4 Area 3 Grading - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.1800e-003	0.0000	4.1800e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0676	0.7218	0.5102	7.3000e-004		0.0443	0.0443		0.0407	0.0407	0.0000	69.6941	69.6941	0.0208	0.0000	70.1311
Total	0.0676	0.7218	0.5102	7.3000e-004	4.1800e-003	0.0443	0.0484	4.5000e-004	0.0407	0.0412	0.0000	69.6941	69.6941	0.0208	0.0000	70.1311

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0300e-003	0.0374	0.0411	8.0000e-005	1.8000e-003	5.6000e-004	2.3600e-003	4.9000e-004	5.1000e-004	1.0100e-003	0.0000	7.4111	7.4111	6.0000e-005	0.0000	7.4124
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1100e-003	3.0700e-003	0.0320	6.0000e-005	4.7700e-003	5.0000e-005	4.8200e-003	1.2700e-003	4.0000e-005	1.3100e-003	0.0000	4.8120	4.8120	2.9000e-004	0.0000	4.8180
Total	5.1400e-003	0.0405	0.0731	1.4000e-004	6.5700e-003	6.1000e-004	7.1800e-003	1.7600e-003	5.5000e-004	2.3200e-003	0.0000	12.2231	12.2231	3.5000e-004	0.0000	12.2304

3.5 Area 3 Demo - 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					0.0540	0.0000	0.0540	8.1800e-003	0.0000	8.1800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0101	0.0817	0.0608	1.0000e-004		5.5900e-003	5.5900e-003		5.4800e-003	5.4800e-003	0.0000	8.6862	8.6862	1.4600e-003	0.0000	8.7169
Total	0.0101	0.0817	0.0608	1.0000e-004	0.0540	5.5900e-003	0.0596	8.1800e-003	5.4800e-003	0.0137	0.0000	8.6862	8.6862	1.4600e-003	0.0000	8.7169

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.6000e-003	0.0444	0.0488	1.0000e-004	2.1400e-003	6.6000e-004	2.8000e-003	5.9000e-004	6.1000e-004	1.2000e-003	0.0000	8.8050	8.8050	8.0000e-005	0.0000	8.8066
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	3.1000e-004	3.2300e-003	1.0000e-005	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4867	0.4867	3.0000e-005	0.0000	0.4873
Total	3.8100e-003	0.0447	0.0520	1.1000e-004	2.6200e-003	6.6000e-004	3.2900e-003	7.2000e-004	6.1000e-004	1.3300e-003	0.0000	9.2918	9.2918	1.1000e-004	0.0000	9.2940

3.5 Area 3 Demo - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0211	0.0000	0.0211	3.1900e-003	0.0000	3.1900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0101	0.0817	0.0608	1.0000e-004		5.5900e-003	5.5900e-003		5.4800e-003	5.4800e-003	0.0000	8.6862	8.6862	1.4600e-003	0.0000	8.7169
Total	0.0101	0.0817	0.0608	1.0000e-004	0.0211	5.5900e-003	0.0267	3.1900e-003	5.4800e-003	8.6700e-003	0.0000	8.6862	8.6862	1.4600e-003	0.0000	8.7169

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.6000e-003	0.0444	0.0488	1.0000e-004	2.1400e-003	6.6000e-004	2.8000e-003	5.9000e-004	6.1000e-004	1.2000e-003	0.0000	8.8050	8.8050	8.0000e-005	0.0000	8.8066
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	3.1000e-004	3.2300e-003	1.0000e-005	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4867	0.4867	3.0000e-005	0.0000	0.4873
Total	3.8100e-003	0.0447	0.0520	1.1000e-004	2.6200e-003	6.6000e-004	3.2900e-003	7.2000e-004	6.1000e-004	1.3300e-003	0.0000	9.2918	9.2918	1.1000e-004	0.0000	9.2940

3.6 Area 3 Shaker - 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	8.0800e-003	0.0769	0.0544	7.0000e-005		6.0200e-003	6.0200e-003		5.5400e-003	5.5400e-003	0.0000	6.6575	6.6575	1.9900e-003	0.0000	6.6992
Total	8.0800e-003	0.0769	0.0544	7.0000e-005		6.0200e-003	6.0200e-003		5.5400e-003	5.5400e-003	0.0000	6.6575	6.6575	1.9900e-003	0.0000	6.6992

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.0800e-003	0.0769	0.0544	7.0000e-005		6.0200e-003	6.0200e-003		5.5400e-003	5.5400e-003	0.0000	6.6575	6.6575	1.9900e-003	0.0000	6.6992
Total	8.0800e-003	0.0769	0.0544	7.0000e-005		6.0200e-003	6.0200e-003		5.5400e-003	5.5400e-003	0.0000	6.6575	6.6575	1.9900e-003	0.0000	6.6992

3.7 Area 1 Site Prep - 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					0.0482	0.0000	0.0482	0.0265	0.0000	0.0265	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1151	0.0878	7.0000e-005		5.3700e-003	5.3700e-003		4.9400e-003	4.9400e-003	0.0000	6.7780	6.7780	2.0200e-003	0.0000	6.8205
Total	0.0102	0.1151	0.0878	7.0000e-005	0.0482	5.3700e-003	0.0536	0.0265	4.9400e-003	0.0314	0.0000	6.7780	6.7780	2.0200e-003	0.0000	6.8205

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	1.7800e-003	1.9600e-003	0.0000	9.0000e-005	3.0000e-005	1.1000e-004	2.0000e-005	2.0000e-005	5.0000e-005	0.0000	0.3529	0.3529	0.0000	0.0000	0.3530
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	1.7000e-004	1.7600e-003	0.0000	2.6000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2655	0.2655	2.0000e-005	0.0000	0.2658
Total	2.6000e-004	1.9500e-003	3.7200e-003	0.0000	3.5000e-004	3.0000e-005	3.8000e-004	9.0000e-005	2.0000e-005	1.2000e-004	0.0000	0.6184	0.6184	2.0000e-005	0.0000	0.6188

3.7 Area 1 Site Prep - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0188	0.0000	0.0188	0.0103	0.0000	0.0103	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1151	0.0878	7.0000e-005		5.3700e-003	5.3700e-003		4.9400e-003	4.9400e-003	0.0000	6.7780	6.7780	2.0200e-003	0.0000	6.8205
Total	0.0102	0.1151	0.0878	7.0000e-005	0.0188	5.3700e-003	0.0242	0.0103	4.9400e-003	0.0153	0.0000	6.7780	6.7780	2.0200e-003	0.0000	6.8205

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	1.7800e-003	1.9600e-003	0.0000	9.0000e-005	3.0000e-005	1.1000e-004	2.0000e-005	2.0000e-005	5.0000e-005	0.0000	0.3529	0.3529	0.0000	0.0000	0.3530
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	1.7000e-004	1.7600e-003	0.0000	2.6000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2655	0.2655	2.0000e-005	0.0000	0.2658
Total	2.6000e-004	1.9500e-003	3.7200e-003	0.0000	3.5000e-004	3.0000e-005	3.8000e-004	9.0000e-005	2.0000e-005	1.2000e-004	0.0000	0.6184	0.6184	2.0000e-005	0.0000	0.6188

3.8 Area 2 Site Prep - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2200e-003	0.0642	0.0475	7.0000e-005		4.5300e-003	4.5300e-003		4.3300e-003	4.3300e-003	0.0000	6.5452	6.5452	1.3400e-003	0.0000	6.5734
Total	7.2200e-003	0.0642	0.0475	7.0000e-005	0.0000	4.5300e-003	4.5300e-003	0.0000	4.3300e-003	4.3300e-003	0.0000	6.5452	6.5452	1.3400e-003	0.0000	6.5734

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	1.7800e-003	1.9600e-003	0.0000	9.0000e-005	3.0000e-005	1.1000e-004	2.0000e-005	2.0000e-005	5.0000e-005	0.0000	0.3529	0.3529	0.0000	0.0000	0.3530
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	3.1000e-004	3.2300e-003	1.0000e-005	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4867	0.4867	3.0000e-005	0.0000	0.4873
Total	3.5000e-004	2.0900e-003	5.1900e-003	1.0000e-005	5.7000e-004	3.0000e-005	6.0000e-004	1.5000e-004	2.0000e-005	1.8000e-004	0.0000	0.8396	0.8396	3.0000e-005	0.0000	0.8403

3.8 Area 2 Site Prep - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2200e-003	0.0642	0.0475	7.0000e-005		4.5300e-003	4.5300e-003		4.3300e-003	4.3300e-003	0.0000	6.5452	6.5452	1.3400e-003	0.0000	6.5734
Total	7.2200e-003	0.0642	0.0475	7.0000e-005	0.0000	4.5300e-003	4.5300e-003	0.0000	4.3300e-003	4.3300e-003	0.0000	6.5452	6.5452	1.3400e-003	0.0000	6.5734

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	1.7800e-003	1.9600e-003	0.0000	9.0000e-005	3.0000e-005	1.1000e-004	2.0000e-005	2.0000e-005	5.0000e-005	0.0000	0.3529	0.3529	0.0000	0.0000	0.3530
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	3.1000e-004	3.2300e-003	1.0000e-005	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4867	0.4867	3.0000e-005	0.0000	0.4873
Total	3.5000e-004	2.0900e-003	5.1900e-003	1.0000e-005	5.7000e-004	3.0000e-005	6.0000e-004	1.5000e-004	2.0000e-005	1.8000e-004	0.0000	0.8396	0.8396	3.0000e-005	0.0000	0.8403

3.9 Area 2 Demo - 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					2.5000e-004	0.0000	2.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0203	0.1634	0.1215	2.0000e-004		0.0112	0.0112		0.0110	0.0110	0.0000	17.3724	17.3724	2.9200e-003	0.0000	17.4338
Total	0.0203	0.1634	0.1215	2.0000e-004	2.5000e-004	0.0112	0.0114	4.0000e-005	0.0110	0.0110	0.0000	17.3724	17.3724	2.9200e-003	0.0000	17.4338

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0000e-005	3.6000e-004	3.9000e-004	0.0000	2.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.0706	0.0706	0.0000	0.0000	0.0706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	6.2000e-004	6.4700e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.9735	0.9735	6.0000e-005	0.0000	0.9747
Total	4.6000e-004	9.8000e-004	6.8600e-003	1.0000e-005	9.8000e-004	2.0000e-005	9.9000e-004	2.6000e-004	1.0000e-005	2.8000e-004	0.0000	1.0440	1.0440	6.0000e-005	0.0000	1.0453

3.9 Area 2 Demo - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0203	0.1634	0.1215	2.0000e-004		0.0112	0.0112		0.0110	0.0110	0.0000	17.3723	17.3723	2.9200e-003	0.0000	17.4338
Total	0.0203	0.1634	0.1215	2.0000e-004	1.0000e-004	0.0112	0.0113	1.0000e-005	0.0110	0.0110	0.0000	17.3723	17.3723	2.9200e-003	0.0000	17.4338

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0000e-005	3.6000e-004	3.9000e-004	0.0000	2.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.0706	0.0706	0.0000	0.0000	0.0706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	6.2000e-004	6.4700e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.9735	0.9735	6.0000e-005	0.0000	0.9747
Total	4.6000e-004	9.8000e-004	6.8600e-003	1.0000e-005	9.8000e-004	2.0000e-005	9.9000e-004	2.6000e-004	1.0000e-005	2.8000e-004	0.0000	1.0440	1.0440	6.0000e-005	0.0000	1.0453

3.10 Area 1 Demo - 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					8.9000e-004	0.0000	8.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0203	0.1634	0.1215	2.0000e-004		0.0112	0.0112		0.0110	0.0110	0.0000	17.3724	17.3724	2.9200e-003	0.0000	17.4338
Total	0.0203	0.1634	0.1215	2.0000e-004	8.9000e-004	0.0112	0.0121	1.3000e-004	0.0110	0.0111	0.0000	17.3724	17.3724	2.9200e-003	0.0000	17.4338

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	1.4200e-003	1.5700e-003	0.0000	7.0000e-005	2.0000e-005	9.0000e-005	2.0000e-005	2.0000e-005	4.0000e-005	0.0000	0.2823	0.2823	0.0000	0.0000	0.2824
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	6.2000e-004	6.4700e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.9735	0.9735	6.0000e-005	0.0000	0.9747
Total	5.5000e-004	2.0400e-003	8.0400e-003	1.0000e-005	1.0300e-003	3.0000e-005	1.0600e-003	2.8000e-004	3.0000e-005	3.1000e-004	0.0000	1.2558	1.2558	6.0000e-005	0.0000	1.2571

3.10 Area 1 Demo - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.5000e-004	0.0000	3.5000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0203	0.1634	0.1215	2.0000e-004		0.0112	0.0112		0.0110	0.0110	0.0000	17.3723	17.3723	2.9200e-003	0.0000	17.4338
Total	0.0203	0.1634	0.1215	2.0000e-004	3.5000e-004	0.0112	0.0115	5.0000e-005	0.0110	0.0110	0.0000	17.3723	17.3723	2.9200e-003	0.0000	17.4338

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	1.4200e-003	1.5700e-003	0.0000	7.0000e-005	2.0000e-005	9.0000e-005	2.0000e-005	2.0000e-005	4.0000e-005	0.0000	0.2823	0.2823	0.0000	0.0000	0.2824
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	6.2000e-004	6.4700e-003	1.0000e-005	9.6000e-004	1.0000e-005	9.7000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.9735	0.9735	6.0000e-005	0.0000	0.9747
Total	5.5000e-004	2.0400e-003	8.0400e-003	1.0000e-005	1.0300e-003	3.0000e-005	1.0600e-003	2.8000e-004	3.0000e-005	3.1000e-004	0.0000	1.2558	1.2558	6.0000e-005	0.0000	1.2571

3.11 Area 2 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					1.2000e-004	0.0000	1.2000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5800e-003	0.0535	0.0378	6.0000e-005		2.6400e-003	2.6400e-003		2.4300e-003	2.4300e-003	0.0000	5.5439	5.5439	1.6600e-003	0.0000	5.5787
Total	4.5800e-003	0.0535	0.0378	6.0000e-005	1.2000e-004	2.6400e-003	2.7600e-003	1.0000e-005	2.4300e-003	2.4400e-003	0.0000	5.5439	5.5439	1.6600e-003	0.0000	5.5787

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.2000e-004	6.4100e-003	7.0400e-003	1.0000e-005	3.1000e-004	1.0000e-004	4.0000e-004	8.0000e-005	9.0000e-005	1.7000e-004	0.0000	1.2705	1.2705	1.0000e-005	0.0000	1.2707
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	2.3000e-004	2.4300e-003	0.0000	3.6000e-004	0.0000	3.7000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3651	0.3651	2.0000e-005	0.0000	0.3655
Total	6.8000e-004	6.6400e-003	9.4700e-003	1.0000e-005	6.7000e-004	1.0000e-004	7.7000e-004	1.8000e-004	9.0000e-005	2.7000e-004	0.0000	1.6355	1.6355	3.0000e-005	0.0000	1.6362

3.11 Area 2 Grading - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5800e-003	0.0535	0.0378	6.0000e-005		2.6400e-003	2.6400e-003		2.4300e-003	2.4300e-003	0.0000	5.5439	5.5439	1.6600e-003	0.0000	5.5787
Total	4.5800e-003	0.0535	0.0378	6.0000e-005	5.0000e-005	2.6400e-003	2.6900e-003	1.0000e-005	2.4300e-003	2.4400e-003	0.0000	5.5439	5.5439	1.6600e-003	0.0000	5.5787

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.2000e-004	6.4100e-003	7.0400e-003	1.0000e-005	3.1000e-004	1.0000e-004	4.0000e-004	8.0000e-005	9.0000e-005	1.7000e-004	0.0000	1.2705	1.2705	1.0000e-005	0.0000	1.2707
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	2.3000e-004	2.4300e-003	0.0000	3.6000e-004	0.0000	3.7000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3651	0.3651	2.0000e-005	0.0000	0.3655
Total	6.8000e-004	6.6400e-003	9.4700e-003	1.0000e-005	6.7000e-004	1.0000e-004	7.7000e-004	1.8000e-004	9.0000e-005	2.7000e-004	0.0000	1.6355	1.6355	3.0000e-005	0.0000	1.6362

3.12 Area 3 Utilities - 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	0.0199	0.2226	0.1588	2.5000e-004		0.0109	0.0109		0.0100	0.0100	0.0000	23.2843	23.2843	6.6900e-003	0.0000	23.4247
Total	0.0199	0.2226	0.1588	2.5000e-004		0.0109	0.0109		0.0100	0.0100	0.0000	23.2843	23.2843	6.6900e-003	0.0000	23.4247

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0500e-003	1.5300e-003	0.0160	3.0000e-005	2.3800e-003	2.0000e-005	2.4100e-003	6.3000e-004	2.0000e-005	6.6000e-004	0.0000	2.4060	2.4060	1.4000e-004	0.0000	2.4090
Total	1.0500e-003	1.5300e-003	0.0160	3.0000e-005	2.3800e-003	2.0000e-005	2.4100e-003	6.3000e-004	2.0000e-005	6.6000e-004	0.0000	2.4060	2.4060	1.4000e-004	0.0000	2.4090

3.12 Area 3 Utilities - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0199	0.2226	0.1588	2.5000e-004		0.0109	0.0109		0.0100	0.0100	0.0000	23.2842	23.2842	6.6900e-003	0.0000	23.4246
Total	0.0199	0.2226	0.1588	2.5000e-004		0.0109	0.0109		0.0100	0.0100	0.0000	23.2842	23.2842	6.6900e-003	0.0000	23.4246

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0500e-003	1.5300e-003	0.0160	3.0000e-005	2.3800e-003	2.0000e-005	2.4100e-003	6.3000e-004	2.0000e-005	6.6000e-004	0.0000	2.4060	2.4060	1.4000e-004	0.0000	2.4090
Total	1.0500e-003	1.5300e-003	0.0160	3.0000e-005	2.3800e-003	2.0000e-005	2.4100e-003	6.3000e-004	2.0000e-005	6.6000e-004	0.0000	2.4060	2.4060	1.4000e-004	0.0000	2.4090

3.13 Area 1 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					4.2400e-003	0.0000	4.2400e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0181	0.2116	0.1496	2.3000e-004		0.0105	0.0105		9.6100e-003	9.6100e-003	0.0000	21.9236	21.9236	6.5500e-003	0.0000	22.0611
Total	0.0181	0.2116	0.1496	2.3000e-004	4.2400e-003	0.0105	0.0147	4.6000e-004	9.6100e-003	0.0101	0.0000	21.9236	21.9236	6.5500e-003	0.0000	22.0611

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3000e-004	9.2000e-004	9.5900e-003	2.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.4436	1.4436	9.0000e-005	0.0000	1.4454
Total	6.3000e-004	9.2000e-004	9.5900e-003	2.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.4436	1.4436	9.0000e-005	0.0000	1.4454

3.13 Area 1 Grading - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6500e-003	0.0000	1.6500e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0181	0.2116	0.1496	2.3000e-004		0.0105	0.0105		9.6100e-003	9.6100e-003	0.0000	21.9236	21.9236	6.5500e-003	0.0000	22.0610
Total	0.0181	0.2116	0.1496	2.3000e-004	1.6500e-003	0.0105	0.0121	1.8000e-004	9.6100e-003	9.7900e-003	0.0000	21.9236	21.9236	6.5500e-003	0.0000	22.0610

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3000e-004	9.2000e-004	9.5900e-003	2.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.4436	1.4436	9.0000e-005	0.0000	1.4454
Total	6.3000e-004	9.2000e-004	9.5900e-003	2.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.4436	1.4436	9.0000e-005	0.0000	1.4454

3.14 Area 2 Utilities - 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	0.0438	0.4307	0.2566	4.2000e-004		0.0241	0.0241		0.0229	0.0229	0.0000	38.8890	38.8890	8.9800e-003	0.0000	39.0775
Total	0.0438	0.4307	0.2566	4.2000e-004		0.0241	0.0241		0.0229	0.0229	0.0000	38.8890	38.8890	8.9800e-003	0.0000	39.0775

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2600e-003	1.8300e-003	0.0191	4.0000e-005	2.8500e-003	3.0000e-005	2.8800e-003	7.6000e-004	3.0000e-005	7.8000e-004	0.0000	2.8761	2.8761	1.7000e-004	0.0000	2.8797
Total	1.2600e-003	1.8300e-003	0.0191	4.0000e-005	2.8500e-003	3.0000e-005	2.8800e-003	7.6000e-004	3.0000e-005	7.8000e-004	0.0000	2.8761	2.8761	1.7000e-004	0.0000	2.8797

3.14 Area 2 Utilities - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0438	0.4307	0.2566	4.2000e-004		0.0241	0.0241		0.0229	0.0229	0.0000	38.8890	38.8890	8.9800e-003	0.0000	39.0774
Total	0.0438	0.4307	0.2566	4.2000e-004		0.0241	0.0241		0.0229	0.0229	0.0000	38.8890	38.8890	8.9800e-003	0.0000	39.0774

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2600e-003	1.8300e-003	0.0191	4.0000e-005	2.8500e-003	3.0000e-005	2.8800e-003	7.6000e-004	3.0000e-005	7.8000e-004	0.0000	2.8761	2.8761	1.7000e-004	0.0000	2.8797
Total	1.2600e-003	1.8300e-003	0.0191	4.0000e-005	2.8500e-003	3.0000e-005	2.8800e-003	7.6000e-004	3.0000e-005	7.8000e-004	0.0000	2.8761	2.8761	1.7000e-004	0.0000	2.8797

3.15 Area 3 Building - 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	0.0453	0.4231	0.2139	3.7000e-004		0.0244	0.0244		0.0235	0.0235	0.0000	33.6509	33.6509	6.5300e-003	0.0000	33.7881
Total	0.0453	0.4231	0.2139	3.7000e-004		0.0244	0.0244		0.0235	0.0235	0.0000	33.6509	33.6509	6.5300e-003	0.0000	33.7881

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0476	0.4808	0.5968	1.0200e-003	0.0285	7.7400e-003	0.0362	8.1200e-003	7.1200e-003	0.0152	0.0000	93.5333	93.5333	7.6000e-004	0.0000	93.5493
Worker	0.0577	0.0839	0.8744	1.6600e-003	0.1304	1.3300e-003	0.1317	0.0346	1.2200e-003	0.0358	0.0000	131.5832	131.5832	7.8300e-003	0.0000	131.7476
Total	0.1053	0.5647	1.4711	2.6800e-003	0.1588	9.0700e-003	0.1679	0.0427	8.3400e-003	0.0511	0.0000	225.1165	225.1165	8.5900e-003	0.0000	225.2970

3.15 Area 3 Building - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0453	0.4231	0.2139	3.7000e-004		0.0244	0.0244		0.0235	0.0235	0.0000	33.6508	33.6508	6.5300e-003	0.0000	33.7880
Total	0.0453	0.4231	0.2139	3.7000e-004		0.0244	0.0244		0.0235	0.0235	0.0000	33.6508	33.6508	6.5300e-003	0.0000	33.7880

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0476	0.4808	0.5968	1.0200e-003	0.0285	7.7400e-003	0.0362	8.1200e-003	7.1200e-003	0.0152	0.0000	93.5333	93.5333	7.6000e-004	0.0000	93.5493
Worker	0.0577	0.0839	0.8744	1.6600e-003	0.1304	1.3300e-003	0.1317	0.0346	1.2200e-003	0.0358	0.0000	131.5832	131.5832	7.8300e-003	0.0000	131.7476
Total	0.1053	0.5647	1.4711	2.6800e-003	0.1588	9.0700e-003	0.1679	0.0427	8.3400e-003	0.0511	0.0000	225.1165	225.1165	8.5900e-003	0.0000	225.2970

3.16 Area 2 Building - 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	3.9000e-003	0.0463	0.0161	3.0000e-005		2.1100e-003	2.1100e-003		1.9400e-003	1.9400e-003	0.0000	2.8212	2.8212	8.4000e-004	0.0000	2.8389
Total	3.9000e-003	0.0463	0.0161	3.0000e-005		2.1100e-003	2.1100e-003		1.9400e-003	1.9400e-003	0.0000	2.8212	2.8212	8.4000e-004	0.0000	2.8389

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.5000e-003	0.0354	0.0439	8.0000e-005	2.1000e-003	5.7000e-004	2.6700e-003	6.0000e-004	5.2000e-004	1.1200e-003	0.0000	6.8829	6.8829	6.0000e-005	0.0000	6.8841
Worker	4.2500e-003	6.1800e-003	0.0644	1.2000e-004	9.6000e-003	1.0000e-004	9.7000e-003	2.5500e-003	9.0000e-005	2.6400e-003	0.0000	9.6904	9.6904	5.8000e-004	0.0000	9.7025
Total	7.7500e-003	0.0416	0.1083	2.0000e-004	0.0117	6.7000e-004	0.0124	3.1500e-003	6.1000e-004	3.7600e-003	0.0000	16.5733	16.5733	6.4000e-004	0.0000	16.5866

3.16 Area 2 Building - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.9000e-003	0.0463	0.0161	3.0000e-005		2.1100e-003	2.1100e-003		1.9400e-003	1.9400e-003	0.0000	2.8212	2.8212	8.4000e-004	0.0000	2.8389
Total	3.9000e-003	0.0463	0.0161	3.0000e-005		2.1100e-003	2.1100e-003		1.9400e-003	1.9400e-003	0.0000	2.8212	2.8212	8.4000e-004	0.0000	2.8389

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.5000e-003	0.0354	0.0439	8.0000e-005	2.1000e-003	5.7000e-004	2.6700e-003	6.0000e-004	5.2000e-004	1.1200e-003	0.0000	6.8829	6.8829	6.0000e-005	0.0000	6.8841
Worker	4.2500e-003	6.1800e-003	0.0644	1.2000e-004	9.6000e-003	1.0000e-004	9.7000e-003	2.5500e-003	9.0000e-005	2.6400e-003	0.0000	9.6904	9.6904	5.8000e-004	0.0000	9.7025
Total	7.7500e-003	0.0416	0.1083	2.0000e-004	0.0117	6.7000e-004	0.0124	3.1500e-003	6.1000e-004	3.7600e-003	0.0000	16.5733	16.5733	6.4000e-004	0.0000	16.5866

3.16 Area 2 Building - 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	3.4700e-003	0.0411	0.0144	3.0000e-005		1.8600e-003	1.8600e-003		1.7100e-003	1.7100e-003	0.0000	2.5594	2.5594	7.7000e-004	0.0000	2.5756
Total	3.4700e-003	0.0411	0.0144	3.0000e-005		1.8600e-003	1.8600e-003		1.7100e-003	1.7100e-003	0.0000	2.5594	2.5594	7.7000e-004	0.0000	2.5756

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8200e-003	0.0287	0.0373	7.0000e-005	1.9200e-003	4.3000e-004	2.3500e-003	5.5000e-004	4.0000e-004	9.4000e-004	0.0000	6.2413	6.2413	5.0000e-005	0.0000	6.2423
Worker	3.5100e-003	5.1200e-003	0.0534	1.1000e-004	8.8000e-003	8.0000e-005	8.8800e-003	2.3400e-003	8.0000e-005	2.4200e-003	0.0000	8.5863	8.5863	4.9000e-004	0.0000	8.5966
Total	6.3300e-003	0.0338	0.0907	1.8000e-004	0.0107	5.1000e-004	0.0112	2.8900e-003	4.8000e-004	3.3600e-003	0.0000	14.8276	14.8276	5.4000e-004	0.0000	14.8388

3.16 Area 2 Building - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.4700e-003	0.0411	0.0144	3.0000e-005		1.8600e-003	1.8600e-003		1.7100e-003	1.7100e-003	0.0000	2.5594	2.5594	7.7000e-004	0.0000	2.5756
Total	3.4700e-003	0.0411	0.0144	3.0000e-005		1.8600e-003	1.8600e-003		1.7100e-003	1.7100e-003	0.0000	2.5594	2.5594	7.7000e-004	0.0000	2.5756

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8200e-003	0.0287	0.0373	7.0000e-005	1.9200e-003	4.3000e-004	2.3500e-003	5.5000e-004	4.0000e-004	9.4000e-004	0.0000	6.2413	6.2413	5.0000e-005	0.0000	6.2423
Worker	3.5100e-003	5.1200e-003	0.0534	1.1000e-004	8.8000e-003	8.0000e-005	8.8800e-003	2.3400e-003	8.0000e-005	2.4200e-003	0.0000	8.5863	8.5863	4.9000e-004	0.0000	8.5966
Total	6.3300e-003	0.0338	0.0907	1.8000e-004	0.0107	5.1000e-004	0.0112	2.8900e-003	4.8000e-004	3.3600e-003	0.0000	14.8276	14.8276	5.4000e-004	0.0000	14.8388

3.17 Area 3 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	0.0154	0.1653	0.0902	1.3000e-004		9.1100e-003	9.1100e-003		8.3800e-003	8.3800e-003	0.0000	12.2355	12.2355	3.6500e-003	0.0000	12.3122
Paving	1.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0165	0.1653	0.0902	1.3000e-004		9.1100e-003	9.1100e-003		8.3800e-003	8.3800e-003	0.0000	12.2355	12.2355	3.6500e-003	0.0000	12.3122

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	5.5000e-004	5.7300e-003	1.0000e-005	8.5000e-004	1.0000e-005	8.6000e-004	2.3000e-004	1.0000e-005	2.3000e-004	0.0000	0.8628	0.8628	5.0000e-005	0.0000	0.8639
Total	3.8000e-004	5.5000e-004	5.7300e-003	1.0000e-005	8.5000e-004	1.0000e-005	8.6000e-004	2.3000e-004	1.0000e-005	2.3000e-004	0.0000	0.8628	0.8628	5.0000e-005	0.0000	0.8639

3.17 Area 3 Paving - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0154	0.1653	0.0902	1.3000e-004		9.1100e-003	9.1100e-003		8.3800e-003	8.3800e-003	0.0000	12.2355	12.2355	3.6500e-003	0.0000	12.3122
Paving	1.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0165	0.1653	0.0902	1.3000e-004		9.1100e-003	9.1100e-003		8.3800e-003	8.3800e-003	0.0000	12.2355	12.2355	3.6500e-003	0.0000	12.3122

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	5.5000e-004	5.7300e-003	1.0000e-005	8.5000e-004	1.0000e-005	8.6000e-004	2.3000e-004	1.0000e-005	2.3000e-004	0.0000	0.8628	0.8628	5.0000e-005	0.0000	0.8639
Total	3.8000e-004	5.5000e-004	5.7300e-003	1.0000e-005	8.5000e-004	1.0000e-005	8.6000e-004	2.3000e-004	1.0000e-005	2.3000e-004	0.0000	0.8628	0.8628	5.0000e-005	0.0000	0.8639

3.17 Area 3 Paving - 2016**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0379	0.4022	0.2381	3.4000e-004		0.0223	0.0223		0.0205	0.0205	0.0000	32.2853	32.2853	9.7400e-003	0.0000	32.4898
Paving	3.1500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0411	0.4022	0.2381	3.4000e-004		0.0223	0.0223		0.0205	0.0205	0.0000	32.2853	32.2853	9.7400e-003	0.0000	32.4898

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-004	1.3300e-003	0.0138	3.0000e-005	2.2800e-003	2.0000e-005	2.3000e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.2241	2.2241	1.3000e-004	0.0000	2.2268
Total	9.1000e-004	1.3300e-003	0.0138	3.0000e-005	2.2800e-003	2.0000e-005	2.3000e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.2241	2.2241	1.3000e-004	0.0000	2.2268

3.17 Area 3 Paving - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0379	0.4022	0.2381	3.4000e-004		0.0223	0.0223		0.0205	0.0205	0.0000	32.2853	32.2853	9.7400e-003	0.0000	32.4898
Paving	3.1500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0411	0.4022	0.2381	3.4000e-004		0.0223	0.0223		0.0205	0.0205	0.0000	32.2853	32.2853	9.7400e-003	0.0000	32.4898

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-004	1.3300e-003	0.0138	3.0000e-005	2.2800e-003	2.0000e-005	2.3000e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.2241	2.2241	1.3000e-004	0.0000	2.2268
Total	9.1000e-004	1.3300e-003	0.0138	3.0000e-005	2.2800e-003	2.0000e-005	2.3000e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.2241	2.2241	1.3000e-004	0.0000	2.2268

3.18 Area 3 Paint - 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	4.3500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0200e-003	6.4300e-003	4.7500e-003	1.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	0.6383	0.6383	8.0000e-005	0.0000	0.6401
Total	5.3700e-003	6.4300e-003	4.7500e-003	1.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	0.6383	0.6383	8.0000e-005	0.0000	0.6401

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	1.2900e-003	0.0134	3.0000e-005	2.0000e-003	2.0000e-005	2.0200e-003	5.3000e-004	2.0000e-005	5.5000e-004	0.0000	2.0188	2.0188	1.2000e-004	0.0000	2.0214
Total	8.9000e-004	1.2900e-003	0.0134	3.0000e-005	2.0000e-003	2.0000e-005	2.0200e-003	5.3000e-004	2.0000e-005	5.5000e-004	0.0000	2.0188	2.0188	1.2000e-004	0.0000	2.0214

3.18 Area 3 Paint - 2015**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.3500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0200e-003	6.4300e-003	4.7500e-003	1.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	0.6383	0.6383	8.0000e-005	0.0000	0.6401
Total	5.3700e-003	6.4300e-003	4.7500e-003	1.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	0.6383	0.6383	8.0000e-005	0.0000	0.6401

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	1.2900e-003	0.0134	3.0000e-005	2.0000e-003	2.0000e-005	2.0200e-003	5.3000e-004	2.0000e-005	5.5000e-004	0.0000	2.0188	2.0188	1.2000e-004	0.0000	2.0214
Total	8.9000e-004	1.2900e-003	0.0134	3.0000e-005	2.0000e-003	2.0000e-005	2.0200e-003	5.3000e-004	2.0000e-005	5.5000e-004	0.0000	2.0188	2.0188	1.2000e-004	0.0000	2.0214

3.19 Area 2 Paving - 2016**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0217	0.2265	0.1295	1.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	17.2181	17.2181	5.1900e-003	0.0000	17.3272
Paving	4.3400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0260	0.2265	0.1295	1.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	17.2181	17.2181	5.1900e-003	0.0000	17.3272

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	6.7000e-004	6.9800e-003	1.0000e-005	1.1500e-003	1.0000e-005	1.1600e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	1.1227	1.1227	6.0000e-005	0.0000	1.1241
Total	4.6000e-004	6.7000e-004	6.9800e-003	1.0000e-005	1.1500e-003	1.0000e-005	1.1600e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	1.1227	1.1227	6.0000e-005	0.0000	1.1241

3.19 Area 2 Paving - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0217	0.2265	0.1295	1.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	17.2181	17.2181	5.1900e-003	0.0000	17.3272
Paving	4.3400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0260	0.2265	0.1295	1.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	17.2181	17.2181	5.1900e-003	0.0000	17.3272

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	6.7000e-004	6.9800e-003	1.0000e-005	1.1500e-003	1.0000e-005	1.1600e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	1.1227	1.1227	6.0000e-005	0.0000	1.1241
Total	4.6000e-004	6.7000e-004	6.9800e-003	1.0000e-005	1.1500e-003	1.0000e-005	1.1600e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	1.1227	1.1227	6.0000e-005	0.0000	1.1241

3.20 Area 2 Paint - 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	5.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.1900e-003	9.4000e-004	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.1277	0.1277	2.0000e-005	0.0000	0.1280
Total	7.0000e-004	1.1900e-003	9.4000e-004	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.1277	0.1277	2.0000e-005	0.0000	0.1280

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	9.0000e-005	9.6000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1551	0.1551	1.0000e-005	0.0000	0.1552
Total	6.0000e-005	9.0000e-005	9.6000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1551	0.1551	1.0000e-005	0.0000	0.1552

3.20 Area 2 Paint - 2016**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	5.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.1900e-003	9.4000e-004	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.1277	0.1277	2.0000e-005	0.0000	0.1280
Total	7.0000e-004	1.1900e-003	9.4000e-004	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.1277	0.1277	2.0000e-005	0.0000	0.1280

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	9.0000e-005	9.6000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1551	0.1551	1.0000e-005	0.0000	0.1552
Total	6.0000e-005	9.0000e-005	9.6000e-004	0.0000	1.6000e-004	0.0000	1.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1551	0.1551	1.0000e-005	0.0000	0.1552

3.21 Temp Bridged Demolished - 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	0.0153	0.1168	0.0629	1.0000e-004		6.8500e-003	6.8500e-003		6.4300e-003	6.4300e-003	0.0000	8.4074	8.4074	2.4100e-003	0.0000	8.4580
Total	0.0153	0.1168	0.0629	1.0000e-004		6.8500e-003	6.8500e-003		6.4300e-003	6.4300e-003	0.0000	8.4074	8.4074	2.4100e-003	0.0000	8.4580

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0700e-003	0.0210	0.0273	5.0000e-005	1.4100e-003	3.2000e-004	1.7300e-003	4.0000e-004	2.9000e-004	6.9000e-004	0.0000	4.5789	4.5789	3.0000e-005	0.0000	4.5797
Worker	5.0000e-004	7.3000e-004	7.6500e-003	2.0000e-005	1.2600e-003	1.0000e-005	1.2700e-003	3.3000e-004	1.0000e-005	3.5000e-004	0.0000	1.2297	1.2297	7.0000e-005	0.0000	1.2311
Total	2.5700e-003	0.0218	0.0350	7.0000e-005	2.6700e-003	3.3000e-004	3.0000e-003	7.3000e-004	3.0000e-004	1.0400e-003	0.0000	5.8086	5.8086	1.0000e-004	0.0000	5.8108

3.21 Temp Bridged Demolished - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0153	0.1168	0.0629	1.0000e-004		6.8500e-003	6.8500e-003		6.4300e-003	6.4300e-003	0.0000	8.4074	8.4074	2.4100e-003	0.0000	8.4580
Total	0.0153	0.1168	0.0629	1.0000e-004		6.8500e-003	6.8500e-003		6.4300e-003	6.4300e-003	0.0000	8.4074	8.4074	2.4100e-003	0.0000	8.4580

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0700e-003	0.0210	0.0273	5.0000e-005	1.4100e-003	3.2000e-004	1.7300e-003	4.0000e-004	2.9000e-004	6.9000e-004	0.0000	4.5789	4.5789	3.0000e-005	0.0000	4.5797
Worker	5.0000e-004	7.3000e-004	7.6500e-003	2.0000e-005	1.2600e-003	1.0000e-005	1.2700e-003	3.3000e-004	1.0000e-005	3.5000e-004	0.0000	1.2297	1.2297	7.0000e-005	0.0000	1.2311
Total	2.5700e-003	0.0218	0.0350	7.0000e-005	2.6700e-003	3.3000e-004	3.0000e-003	7.3000e-004	3.0000e-004	1.0400e-003	0.0000	5.8086	5.8086	1.0000e-004	0.0000	5.8108

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0512	0.1472	0.5766	1.2500e-003	0.0832	1.9900e-003	0.0852	0.0223	1.8300e-003	0.0241	0.0000	100.2037	100.2037	4.3300e-003	0.0000	100.2946
Unmitigated	0.0512	0.1472	0.5766	1.2500e-003	0.0832	1.9900e-003	0.0852	0.0223	1.8300e-003	0.0241	0.0000	100.2037	100.2037	4.3300e-003	0.0000	100.2946

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	26.88	199.92	199.92	219,614	219,614
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	26.88	199.92	199.92	219,614	219,614

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	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	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.533598	0.058434	0.178244	0.125508	0.038944	0.006283	0.016425	0.031066	0.002453	0.003157	0.003691	0.000543	0.001655

Historical Energy Use: N

Historical Energy Use: N

5.1 Mitigation Measures Energy

[illegible]

5.2 Energy by Land Use - Natural Gas

Unmitigated

[illegible]

Mitigated

[illegible]

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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	4.9284	2.0000e-005	2.2500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2700e-003	4.2700e-003	1.0000e-005	0.0000	4.5200e-003
Unmitigated	4.9284	2.0000e-005	2.2500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2700e-003	4.2700e-003	1.0000e-005	0.0000	4.5200e-003

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	4.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9277					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.2000e-004	2.0000e-005	2.2500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2700e-003	4.2700e-003	1.0000e-005	0.0000	4.5200e-003
Total	4.9284	2.0000e-005	2.2500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2700e-003	4.2700e-003	1.0000e-005	0.0000	4.5200e-003

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9277					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.2000e-004	2.0000e-005	2.2500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2700e-003	4.2700e-003	1.0000e-005	0.0000	4.5200e-003
Total	4.9284	2.0000e-005	2.2500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	4.2700e-003	4.2700e-003	1.0000e-005	0.0000	4.5200e-003

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2.2138	0.0179	4.4000e-004	2.7267
Unmitigated	2.2138	0.0179	4.4000e-004	2.7270

7.2 Water by Land Use

Unmitigated

	Indoor/ Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0.5475 / 0	2.2138	0.0179	4.4000e-004	2.7270
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		2.2138	0.0179	4.4000e-004	2.7270

Mitigated

	Indoor/ Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0.5475 / 0	2.2138	0.0179	4.4000e-004	2.7267
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		2.2138	0.0179	4.4000e-004	2.7267

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.4892	0.0289	0.0000	1.0964
Unmitigated	0.4892	0.0289	0.0000	1.0964

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.41	0.4892	0.0289	0.0000	1.0964
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.4892	0.0289	0.0000	1.0964

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.41	0.4892	0.0289	0.0000	1.0964
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.4892	0.0289	0.0000	1.0964

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Vegetation
