

**North Star Water Treatment Ponds  
Northern Sierra AQMD Air District, Annual**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	1.00	4,500.00	0
	0.00	Acre	0.00	0.00	0
User Defined Industrial	1.00	User Defined Unit	6.02	262,005.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Rural	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	72
<b>Climate Zone</b>	2			<b>Operational Year</b>	2014
<b>Utility Company</b>					
<b>CO2 Intensity (lb/MWhr)</b>	0	<b>CH4 Intensity (lb/MWhr)</b>	0	<b>N2O Intensity (lb/MWhr)</b>	0

**1.3 User Entered Comments & Non-Default Data**

## Project Characteristics -

Land Use - One acre of industrial is conservative estimate for two pump stations. Six acres of user-defined industrial used for ponds.

Construction Phase - No building demo, building construction is pond construction here, no architectural coating

Off-road Equipment - no architectural coating

Off-road Equipment - no building construction - only pond construction

Off-road Equipment - no demo

Off-road Equipment -

Trips and VMT - Default was zero for haul trips. Added in conservative estimate. No paving or arch coating.

Grading - 29 acres disturbed - from THP. Using this as conservative number even though actual disturbance is anticipated to be approximately 8.3 acres.

Architectural Coating - no arch coatings

Vehicle Trips - Reduced trips to treatment ponds to 2/week. Actually should be much less. Changed all trips to primary, non divert or pass-by.

Area Coating - no arch coatings

Water And Wastewater - No water use or wastewater from project, but program won't allow zeroing out. Used 17.2 gallons per square foot for new landscaped areas per PPI's Lawns and Water Demand in California, page 15: [http://www.ppic.org/content/pubs/cep/ep\\_706ehep.pdf](http://www.ppic.org/content/pubs/cep/ep_706ehep.pdf). Areas to be irrigated are 0.85 ac for staging area and 0.25 acre for screening veg = 1.1 ac or  $47,916 \text{ sf} \times 17.2 \text{ gal} = 824,155.2 \text{ gallons}$

Solid Waste - solid waste will be sludge

Land Use Change - 29 acres being converted per THP

Sequestration -

Road Dust - Part of operational trips will be on pavement, part of non-paved roads.

Landscape Equipment - Default for snow days was 0.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	0.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	0.00
tblGrading	AcresOfGrading	10.00	29.00
tblGrading	AcresOfGrading	0.00	29.00
tblLandscapeEquipment	NumberSnowDays	0	5
tblLandUse	LandUseSquareFeet	0.00	4,500.00
tblLandUse	LandUseSquareFeet	0.00	262,005.00
tblLandUse	LotAcreage	0.00	1.00
tblLandUse	LotAcreage	0.00	6.02
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	RoadPercentPave	100	50
tblTripsAndVMT	HaulingTripNumber	0.00	300.00
tblTripsAndVMT	HaulingTripNumber	0.00	300.00
tblWater	OutdoorWaterUseRate	0.00	824,155.00

## 2.0 Emissions Summary

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## 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	1.3497	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.3497</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>4.0000e-005</b>



## 2.3 Vegetation

### Vegetation

	CO2e
Category	MT
Vegetation Land Change	- 3,219.000 0
<b>Total</b>	- <b>3,219.000</b> <b>0</b>

## 3.0 Construction Detail

### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2016	1/28/2016	5	20	
2	Site Preparation	Site Preparation	1/29/2016	2/11/2016	5	10	
3	Grading	Grading	2/12/2016	3/10/2016	5	20	
4	Building Construction	Building Construction	3/11/2016	1/26/2017	5	230	
5	Paving	Paving	1/27/2017	2/23/2017	5	20	
6	Architectural Coating	Architectural Coating	2/24/2017	3/23/2017	5	20	

**Acres of Grading (Site Preparation Phase): 29**

**Acres of Grading (Grading Phase): 29**

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 399,758; Non-Residential Outdoor: 133,253 (Architectural Coating – sqft)**

### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	162	0.38
Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

### 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
Demolition	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	300.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	300.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	112.00	44.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	22.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

### 3.2 Demolition - 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	0.0429	0.4566	0.3503	4.0000e-004		0.0229	0.0229		0.0214	0.0214	0.0000	37.0974	37.0974	0.0101	0.0000	37.3092
<b>Total</b>	<b>0.0429</b>	<b>0.4566</b>	<b>0.3503</b>	<b>4.0000e-004</b>		<b>0.0229</b>	<b>0.0229</b>		<b>0.0214</b>	<b>0.0214</b>	<b>0.0000</b>	<b>37.0974</b>	<b>37.0974</b>	<b>0.0101</b>	<b>0.0000</b>	<b>37.3092</b>

### 3.2 Demolition - 2016

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	9.7000e-004	1.5300e-003	0.0143	2.0000e-005	1.8300e-003	2.0000e-005	1.8500e-003	4.9000e-004	2.0000e-005	5.0000e-004	0.0000	1.6289	1.6289	1.1000e-004	0.0000	1.6311
<b>Total</b>	<b>9.7000e-004</b>	<b>1.5300e-003</b>	<b>0.0143</b>	<b>2.0000e-005</b>	<b>1.8300e-003</b>	<b>2.0000e-005</b>	<b>1.8500e-003</b>	<b>4.9000e-004</b>	<b>2.0000e-005</b>	<b>5.0000e-004</b>	<b>0.0000</b>	<b>1.6289</b>	<b>1.6289</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.6311</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0429	0.4566	0.3503	4.0000e-004		0.0229	0.0229		0.0214	0.0214	0.0000	37.0973	37.0973	0.0101	0.0000	37.3092
<b>Total</b>	<b>0.0429</b>	<b>0.4566</b>	<b>0.3503</b>	<b>4.0000e-004</b>		<b>0.0229</b>	<b>0.0229</b>		<b>0.0214</b>	<b>0.0214</b>	<b>0.0000</b>	<b>37.0973</b>	<b>37.0973</b>	<b>0.0101</b>	<b>0.0000</b>	<b>37.3092</b>

### 3.2 Demolition - 2016

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	9.7000e-004	1.5300e-003	0.0143	2.0000e-005	1.8300e-003	2.0000e-005	1.8500e-003	4.9000e-004	2.0000e-005	5.0000e-004	0.0000	1.6289	1.6289	1.1000e-004	0.0000	1.6311
<b>Total</b>	<b>9.7000e-004</b>	<b>1.5300e-003</b>	<b>0.0143</b>	<b>2.0000e-005</b>	<b>1.8300e-003</b>	<b>2.0000e-005</b>	<b>1.8500e-003</b>	<b>4.9000e-004</b>	<b>2.0000e-005</b>	<b>5.0000e-004</b>	<b>0.0000</b>	<b>1.6289</b>	<b>1.6289</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.6311</b>

### 3.3 Site Preparation - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1057	0.0000	0.1057	0.0513	0.0000	0.0513	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0254	0.2732	0.2055	2.0000e-004		0.0147	0.0147		0.0135	0.0135	0.0000	18.4386	18.4386	5.5600e-003	0.0000	18.5554
<b>Total</b>	<b>0.0254</b>	<b>0.2732</b>	<b>0.2055</b>	<b>2.0000e-004</b>	<b>0.1057</b>	<b>0.0147</b>	<b>0.1204</b>	<b>0.0513</b>	<b>0.0135</b>	<b>0.0648</b>	<b>0.0000</b>	<b>18.4386</b>	<b>18.4386</b>	<b>5.5600e-003</b>	<b>0.0000</b>	<b>18.5554</b>

### 3.3 Site Preparation - 2016

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8300e-003	0.0419	0.0555	1.1000e-004	2.5100e-003	6.4000e-004	3.1600e-003	6.9000e-004	5.9000e-004	1.2800e-003	0.0000	10.2465	10.2465	7.0000e-005	0.0000	10.2481
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	5.8000e-004	9.2000e-004	8.5700e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9774	0.9774	6.0000e-005	0.0000	0.9787
<b>Total</b>	<b>5.4100e-003</b>	<b>0.0428</b>	<b>0.0641</b>	<b>1.2000e-004</b>	<b>3.6100e-003</b>	<b>6.5000e-004</b>	<b>4.2700e-003</b>	<b>9.8000e-004</b>	<b>6.0000e-004</b>	<b>1.5800e-003</b>	<b>0.0000</b>	<b>11.2239</b>	<b>11.2239</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>11.2268</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1057	0.0000	0.1057	0.0513	0.0000	0.0513	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0254	0.2732	0.2055	2.0000e-004		0.0147	0.0147		0.0135	0.0135	0.0000	18.4385	18.4385	5.5600e-003	0.0000	18.5553
<b>Total</b>	<b>0.0254</b>	<b>0.2732</b>	<b>0.2055</b>	<b>2.0000e-004</b>	<b>0.1057</b>	<b>0.0147</b>	<b>0.1204</b>	<b>0.0513</b>	<b>0.0135</b>	<b>0.0648</b>	<b>0.0000</b>	<b>18.4385</b>	<b>18.4385</b>	<b>5.5600e-003</b>	<b>0.0000</b>	<b>18.5553</b>

### 3.3 Site Preparation - 2016

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8300e-003	0.0419	0.0555	1.1000e-004	2.5100e-003	6.4000e-004	3.1600e-003	6.9000e-004	5.9000e-004	1.2800e-003	0.0000	10.2465	10.2465	7.0000e-005	0.0000	10.2481
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	5.8000e-004	9.2000e-004	8.5700e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9774	0.9774	6.0000e-005	0.0000	0.9787
<b>Total</b>	<b>5.4100e-003</b>	<b>0.0428</b>	<b>0.0641</b>	<b>1.2000e-004</b>	<b>3.6100e-003</b>	<b>6.5000e-004</b>	<b>4.2700e-003</b>	<b>9.8000e-004</b>	<b>6.0000e-004</b>	<b>1.5800e-003</b>	<b>0.0000</b>	<b>11.2239</b>	<b>11.2239</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>11.2268</b>

### 3.4 Grading - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0756	0.0000	0.0756	0.0348	0.0000	0.0348	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0367	0.3845	0.2608	3.0000e-004		0.0220	0.0220		0.0202	0.0202	0.0000	28.0664	28.0664	8.4700e-003	0.0000	28.2442
<b>Total</b>	<b>0.0367</b>	<b>0.3845</b>	<b>0.2608</b>	<b>3.0000e-004</b>	<b>0.0756</b>	<b>0.0220</b>	<b>0.0976</b>	<b>0.0348</b>	<b>0.0202</b>	<b>0.0550</b>	<b>0.0000</b>	<b>28.0664</b>	<b>28.0664</b>	<b>8.4700e-003</b>	<b>0.0000</b>	<b>28.2442</b>

### 3.4 Grading - 2016

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8300e-003	0.0419	0.0555	1.1000e-004	2.5100e-003	6.4000e-004	3.1600e-003	6.9000e-004	5.9000e-004	1.2800e-003	0.0000	10.2465	10.2465	7.0000e-005	0.0000	10.2481
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	9.7000e-004	1.5300e-003	0.0143	2.0000e-005	1.8300e-003	2.0000e-005	1.8500e-003	4.9000e-004	2.0000e-005	5.0000e-004	0.0000	1.6289	1.6289	1.1000e-004	0.0000	1.6311
<b>Total</b>	<b>5.8000e-003</b>	<b>0.0434</b>	<b>0.0698</b>	<b>1.3000e-004</b>	<b>4.3400e-003</b>	<b>6.6000e-004</b>	<b>5.0100e-003</b>	<b>1.1800e-003</b>	<b>6.1000e-004</b>	<b>1.7800e-003</b>	<b>0.0000</b>	<b>11.8754</b>	<b>11.8754</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>11.8792</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0756	0.0000	0.0756	0.0348	0.0000	0.0348	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0367	0.3845	0.2608	3.0000e-004		0.0220	0.0220		0.0202	0.0202	0.0000	28.0664	28.0664	8.4700e-003	0.0000	28.2441
<b>Total</b>	<b>0.0367</b>	<b>0.3845</b>	<b>0.2608</b>	<b>3.0000e-004</b>	<b>0.0756</b>	<b>0.0220</b>	<b>0.0976</b>	<b>0.0348</b>	<b>0.0202</b>	<b>0.0550</b>	<b>0.0000</b>	<b>28.0664</b>	<b>28.0664</b>	<b>8.4700e-003</b>	<b>0.0000</b>	<b>28.2441</b>

### 3.4 Grading - 2016

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8300e-003	0.0419	0.0555	1.1000e-004	2.5100e-003	6.4000e-004	3.1600e-003	6.9000e-004	5.9000e-004	1.2800e-003	0.0000	10.2465	10.2465	7.0000e-005	0.0000	10.2481
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	9.7000e-004	1.5300e-003	0.0143	2.0000e-005	1.8300e-003	2.0000e-005	1.8500e-003	4.9000e-004	2.0000e-005	5.0000e-004	0.0000	1.6289	1.6289	1.1000e-004	0.0000	1.6311
<b>Total</b>	<b>5.8000e-003</b>	<b>0.0434</b>	<b>0.0698</b>	<b>1.3000e-004</b>	<b>4.3400e-003</b>	<b>6.6000e-004</b>	<b>5.0100e-003</b>	<b>1.1800e-003</b>	<b>6.1000e-004</b>	<b>1.7800e-003</b>	<b>0.0000</b>	<b>11.8754</b>	<b>11.8754</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>11.8792</b>

### 3.5 Building Construction - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3594	3.0074	1.9525	2.8300e-003		0.2076	0.2076		0.1950	0.1950	0.0000	255.4720	255.4720	0.0634	0.0000	256.8026
<b>Total</b>	<b>0.3594</b>	<b>3.0074</b>	<b>1.9525</b>	<b>2.8300e-003</b>		<b>0.2076</b>	<b>0.2076</b>		<b>0.1950</b>	<b>0.1950</b>	<b>0.0000</b>	<b>255.4720</b>	<b>255.4720</b>	<b>0.0634</b>	<b>0.0000</b>	<b>256.8026</b>

### 3.5 Building Construction - 2016

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0872	0.4294	1.0024	1.0200e-003	0.0269	7.3100e-003	0.0342	7.7200e-003	6.7200e-003	0.0144	0.0000	91.5318	91.5318	8.0000e-004	0.0000	91.5485
Worker	0.0768	0.1205	1.1252	1.7300e-003	0.1445	1.3900e-003	0.1458	0.0384	1.2600e-003	0.0397	0.0000	128.3148	128.3148	8.3500e-003	0.0000	128.4903
<b>Total</b>	<b>0.1640</b>	<b>0.5499</b>	<b>2.1276</b>	<b>2.7500e-003</b>	<b>0.1714</b>	<b>8.7000e-003</b>	<b>0.1801</b>	<b>0.0462</b>	<b>7.9800e-003</b>	<b>0.0541</b>	<b>0.0000</b>	<b>219.8466</b>	<b>219.8466</b>	<b>9.1500e-003</b>	<b>0.0000</b>	<b>220.0388</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3594	3.0074	1.9525	2.8300e-003		0.2076	0.2076		0.1950	0.1950	0.0000	255.4717	255.4717	0.0634	0.0000	256.8023
<b>Total</b>	<b>0.3594</b>	<b>3.0074</b>	<b>1.9525</b>	<b>2.8300e-003</b>		<b>0.2076</b>	<b>0.2076</b>		<b>0.1950</b>	<b>0.1950</b>	<b>0.0000</b>	<b>255.4717</b>	<b>255.4717</b>	<b>0.0634</b>	<b>0.0000</b>	<b>256.8023</b>



### 3.5 Building Construction - 2016

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0872	0.4294	1.0024	1.0200e-003	0.0269	7.3100e-003	0.0342	7.7200e-003	6.7200e-003	0.0144	0.0000	91.5318	91.5318	8.0000e-004	0.0000	91.5485
Worker	0.0768	0.1205	1.1252	1.7300e-003	0.1445	1.3900e-003	0.1458	0.0384	1.2600e-003	0.0397	0.0000	128.3148	128.3148	8.3500e-003	0.0000	128.4903
<b>Total</b>	<b>0.1640</b>	<b>0.5499</b>	<b>2.1276</b>	<b>2.7500e-003</b>	<b>0.1714</b>	<b>8.7000e-003</b>	<b>0.1801</b>	<b>0.0462</b>	<b>7.9800e-003</b>	<b>0.0541</b>	<b>0.0000</b>	<b>219.8466</b>	<b>219.8466</b>	<b>9.1500e-003</b>	<b>0.0000</b>	<b>220.0388</b>

### 3.5 Building Construction - 2017

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0295	0.2509	0.1722	2.5000e-004		0.0169	0.0169		0.0159	0.0159	0.0000	22.7505	22.7505	5.6000e-003	0.0000	22.8681
<b>Total</b>	<b>0.0295</b>	<b>0.2509</b>	<b>0.1722</b>	<b>2.5000e-004</b>		<b>0.0169</b>	<b>0.0169</b>		<b>0.0159</b>	<b>0.0159</b>	<b>0.0000</b>	<b>22.7505</b>	<b>22.7505</b>	<b>5.6000e-003</b>	<b>0.0000</b>	<b>22.8681</b>

### 3.5 Building Construction - 2017

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	7.0800e-003	0.0351	0.0857	9.0000e-005	2.4200e-003	5.6000e-004	2.9900e-003	7.0000e-004	5.2000e-004	1.2100e-003	0.0000	8.1099	8.1099	7.0000e-005	0.0000	8.1113
Worker	5.7900e-003	9.4500e-003	0.0867	1.6000e-004	0.0130	1.2000e-004	0.0131	3.4600e-003	1.1000e-004	3.5700e-003	0.0000	11.0929	11.0929	6.7000e-004	0.0000	11.1070
<b>Total</b>	<b>0.0129</b>	<b>0.0446</b>	<b>0.1723</b>	<b>2.5000e-004</b>	<b>0.0154</b>	<b>6.8000e-004</b>	<b>0.0161</b>	<b>4.1600e-003</b>	<b>6.3000e-004</b>	<b>4.7800e-003</b>	<b>0.0000</b>	<b>19.2028</b>	<b>19.2028</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>19.2183</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0295	0.2509	0.1722	2.5000e-004		0.0169	0.0169		0.0159	0.0159	0.0000	22.7505	22.7505	5.6000e-003	0.0000	22.8681
<b>Total</b>	<b>0.0295</b>	<b>0.2509</b>	<b>0.1722</b>	<b>2.5000e-004</b>		<b>0.0169</b>	<b>0.0169</b>		<b>0.0159</b>	<b>0.0159</b>	<b>0.0000</b>	<b>22.7505</b>	<b>22.7505</b>	<b>5.6000e-003</b>	<b>0.0000</b>	<b>22.8681</b>

### 3.5 Building Construction - 2017

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	7.0800e-003	0.0351	0.0857	9.0000e-005	2.4200e-003	5.6000e-004	2.9900e-003	7.0000e-004	5.2000e-004	1.2100e-003	0.0000	8.1099	8.1099	7.0000e-005	0.0000	8.1113
Worker	5.7900e-003	9.4500e-003	0.0867	1.6000e-004	0.0130	1.2000e-004	0.0131	3.4600e-003	1.1000e-004	3.5700e-003	0.0000	11.0929	11.0929	6.7000e-004	0.0000	11.1070
<b>Total</b>	<b>0.0129</b>	<b>0.0446</b>	<b>0.1723</b>	<b>2.5000e-004</b>	<b>0.0154</b>	<b>6.8000e-004</b>	<b>0.0161</b>	<b>4.1600e-003</b>	<b>6.3000e-004</b>	<b>4.7800e-003</b>	<b>0.0000</b>	<b>19.2028</b>	<b>19.2028</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>19.2183</b>

### 3.6 Paving - 2017

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0191	0.2030	0.1473	2.2000e-004		0.0114	0.0114		0.0105	0.0105	0.0000	20.6934	20.6934	6.3400e-003	0.0000	20.8266
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0191</b>	<b>0.2030</b>	<b>0.1473</b>	<b>2.2000e-004</b>		<b>0.0114</b>	<b>0.0114</b>		<b>0.0105</b>	<b>0.0105</b>	<b>0.0000</b>	<b>20.6934</b>	<b>20.6934</b>	<b>6.3400e-003</b>	<b>0.0000</b>	<b>20.8266</b>

### 3.6 Paving - 2017

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	8.2000e-004	1.3300e-003	0.0122	2.0000e-005	1.8300e-003	2.0000e-005	1.8500e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5639	1.5639	9.0000e-005	0.0000	1.5658
<b>Total</b>	<b>8.2000e-004</b>	<b>1.3300e-003</b>	<b>0.0122</b>	<b>2.0000e-005</b>	<b>1.8300e-003</b>	<b>2.0000e-005</b>	<b>1.8500e-003</b>	<b>4.9000e-004</b>	<b>1.0000e-005</b>	<b>5.0000e-004</b>	<b>0.0000</b>	<b>1.5639</b>	<b>1.5639</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.5658</b>

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0191	0.2030	0.1473	2.2000e-004		0.0114	0.0114		0.0105	0.0105	0.0000	20.6934	20.6934	6.3400e-003	0.0000	20.8265
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0191</b>	<b>0.2030</b>	<b>0.1473</b>	<b>2.2000e-004</b>		<b>0.0114</b>	<b>0.0114</b>		<b>0.0105</b>	<b>0.0105</b>	<b>0.0000</b>	<b>20.6934</b>	<b>20.6934</b>	<b>6.3400e-003</b>	<b>0.0000</b>	<b>20.8265</b>

### 3.6 Paving - 2017

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	8.2000e-004	1.3300e-003	0.0122	2.0000e-005	1.8300e-003	2.0000e-005	1.8500e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.5639	1.5639	9.0000e-005	0.0000	1.5658
<b>Total</b>	<b>8.2000e-004</b>	<b>1.3300e-003</b>	<b>0.0122</b>	<b>2.0000e-005</b>	<b>1.8300e-003</b>	<b>2.0000e-005</b>	<b>1.8500e-003</b>	<b>4.9000e-004</b>	<b>1.0000e-005</b>	<b>5.0000e-004</b>	<b>0.0000</b>	<b>1.5639</b>	<b>1.5639</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.5658</b>

### 3.7 Architectural Coating - 2017

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3200e-003	0.0219	0.0187	3.0000e-005		1.7300e-003	1.7300e-003		1.7300e-003	1.7300e-003	0.0000	2.5533	2.5533	2.7000e-004	0.0000	2.5589
<b>Total</b>	<b>3.3200e-003</b>	<b>0.0219</b>	<b>0.0187</b>	<b>3.0000e-005</b>		<b>1.7300e-003</b>	<b>1.7300e-003</b>		<b>1.7300e-003</b>	<b>1.7300e-003</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>2.5589</b>

### 3.7 Architectural Coating - 2017

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	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	0.0000
Worker	1.2000e-003	1.9500e-003	0.0179	3.0000e-005	2.6900e-003	2.0000e-005	2.7100e-003	7.2000e-004	2.0000e-005	7.4000e-004	0.0000	2.2937	2.2937	1.4000e-004	0.0000	2.2966	
<b>Total</b>	<b>1.2000e-003</b>	<b>1.9500e-003</b>	<b>0.0179</b>	<b>3.0000e-005</b>	<b>2.6900e-003</b>	<b>2.0000e-005</b>	<b>2.7100e-003</b>	<b>7.2000e-004</b>	<b>2.0000e-005</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>2.2937</b>	<b>2.2937</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>2.2966</b>	

#### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3200e-003	0.0219	0.0187	3.0000e-005		1.7300e-003	1.7300e-003		1.7300e-003	1.7300e-003	0.0000	2.5533	2.5533	2.7000e-004	0.0000	2.5589
<b>Total</b>	<b>3.3200e-003</b>	<b>0.0219</b>	<b>0.0187</b>	<b>3.0000e-005</b>		<b>1.7300e-003</b>	<b>1.7300e-003</b>		<b>1.7300e-003</b>	<b>1.7300e-003</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>2.5589</b>



**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	0.00	0.00	0.00		
User Defined Industrial	0.00	0.00	0.00		
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		

**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
User Defined Industrial	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
User Defined Industrial	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.328165	0.069745	0.247488	0.164676	0.088932	0.010300	0.017399	0.055732	0.001580	0.000831	0.009150	0.000634	0.005367

**5.0 Energy Detail**

**4.4 Fleet Mix**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**





### 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	tons/yr										MT/yr						
User Defined Industrial	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	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### 5.3 Energy by Land Use - Electricity

#### Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### 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	1.3497	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Unmitigated	1.3497	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005

## 6.2 Area by SubCategory

### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3088					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0408					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
<b>Total</b>	<b>1.3497</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>4.0000e-005</b>

### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3088					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0408					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
<b>Total</b>	<b>1.3497</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>4.0000e-005</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

### 7.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0.824155	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 7.2 Water by Land Use

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined	0 /	0.0000	0.0000	0.0000	0.0000
Industrial	0.824155				
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

## 8.2 Waste by Land Use

### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 9.0 Operational Offroad

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

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	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-	0.0000	0.0000	-
	3,219.000			3,219.000
	0			0

## 10.1 Vegetation Land Change

### Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Trees	29 / 0	-	0.0000	0.0000	-
		3,219.000			3,219.000
		0			0
<b>Total</b>		<b>-</b>	<b>0.0000</b>	<b>0.0000</b>	<b>-</b>
		<b>3,219.000</b>			<b>3,219.000</b>
		<b>0</b>			<b>0</b>