

## Ananda Village: Run 4 - Comm & Ind Operational Nevada County, Annual

### 1.0 Project Characteristics

---

#### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	5.36	1000sqft	0.12	5,364.00	0
General Light Industry	4.52	1000sqft	0.10	4,520.00	0
Supermarket	0.54	1000sqft	0.01	536.00	0

#### 1.2 Other Project Characteristics

<b>Urbanization</b>	Rural	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	80
<b>Climate Zone</b>	1			<b>Operational Year</b>	2035
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	445	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

Project Characteristics - Assumed 2012 PG&E CO2 intensity factor rather than 2008 default.

Land Use - N/A

Landscape Equipment - 5 days of snow removal equipment assumed given elevation

Energy Use - N/A

Water And Wastewater - 100% septic

Land Use Change -

Table Name	Column Name	Default Value	New Value
tblLandscapeEquipment	NumberSnowDays	0	5
tblProjectCharacteristics	CO2IntensityFactor	641.35	445
tblProjectCharacteristics	OperationalYear	2014	2035
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AerobicPercent	87.46	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaDigestCombDigestGasPercent	100.00	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	100.00
tblWater	SepticTankPercent	10.33	100.00
tblWater	SepticTankPercent	10.33	100.00

## 2.0 Emissions Summary

---



**2.2 Overall Operational****Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0528	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.9000e-004	1.9000e-004	0.0000	0.0000	2.0000e-004
Energy	7.6000e-004	6.9300e-003	5.8200e-003	4.0000e-005		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	29.0742	29.0742	1.5500e-003	4.3000e-004	29.2396
Mobile	0.0656	0.1548	0.7150	1.8500e-003	0.1067	3.2800e-003	0.1100	0.0287	3.0300e-003	0.0318	0.0000	128.7667	128.7667	2.7400e-003	0.0000	128.8243
Waste						0.0000	0.0000		0.0000	0.0000	2.7668	0.0000	2.7668	0.1635	0.0000	6.2005
Water						0.0000	0.0000		0.0000	0.0000	0.0000	2.6688	2.6688	0.4691	1.6200e-003	13.0227
<b>Total</b>	<b>0.1191</b>	<b>0.1617</b>	<b>0.7210</b>	<b>1.8900e-003</b>	<b>0.1067</b>	<b>3.8100e-003</b>	<b>0.1105</b>	<b>0.0287</b>	<b>3.5600e-003</b>	<b>0.0323</b>	<b>2.7668</b>	<b>160.5099</b>	<b>163.2767</b>	<b>0.6369</b>	<b>2.0500e-003</b>	<b>177.2872</b>



### 2.3 Vegetation

#### Vegetation

	CO2e
Category	MT
Vegetation Land Change	-27.7500
<b>Total</b>	<b>-27.7500</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	1/1/2018	1/12/2018	5	10	
2	Site Preparation	Site Preparation	1/13/2018	1/15/2018	5	1	
3	Grading	Grading	1/16/2018	1/17/2018	5	2	
4	Building Construction	Building Construction	1/18/2018	6/6/2018	5	100	
5	Paving	Paving	6/7/2018	6/13/2018	5	5	
6	Architectural Coating	Architectural Coating	6/14/2018	6/20/2018	5	5	

**Acres of Grading (Site Preparation Phase): 0.5**

**Acres of Grading (Grading Phase): 0**

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 15,630; Non-Residential Outdoor: 5,210 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	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
Demolition	4	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	4.00	2.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

### 3.2 Demolition - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.2600e-003	0.0466	0.0418	6.0000e-005		3.0700e-003	3.0700e-003		2.9300e-003	2.9300e-003	0.0000	5.3245	5.3245	1.0300e-003	0.0000	5.3461
<b>Total</b>	<b>5.2600e-003</b>	<b>0.0466</b>	<b>0.0418</b>	<b>6.0000e-005</b>		<b>3.0700e-003</b>	<b>3.0700e-003</b>		<b>2.9300e-003</b>	<b>2.9300e-003</b>	<b>0.0000</b>	<b>5.3245</b>	<b>5.3245</b>	<b>1.0300e-003</b>	<b>0.0000</b>	<b>5.3461</b>



### 3.2 Demolition - 2018

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9000e-004	3.4000e-004	2.9300e-003	1.0000e-005	6.1000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4842	0.4842	2.0000e-005	0.0000	0.4847
<b>Total</b>	<b>1.9000e-004</b>	<b>3.4000e-004</b>	<b>2.9300e-003</b>	<b>1.0000e-005</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>6.1000e-004</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.4842</b>	<b>0.4842</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.4847</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	5.2600e-003	0.0466	0.0418	6.0000e-005		3.0700e-003	3.0700e-003		2.9300e-003	2.9300e-003	0.0000	5.3245	5.3245	1.0300e-003	0.0000	5.3461
<b>Total</b>	<b>5.2600e-003</b>	<b>0.0466</b>	<b>0.0418</b>	<b>6.0000e-005</b>		<b>3.0700e-003</b>	<b>3.0700e-003</b>		<b>2.9300e-003</b>	<b>2.9300e-003</b>	<b>0.0000</b>	<b>5.3245</b>	<b>5.3245</b>	<b>1.0300e-003</b>	<b>0.0000</b>	<b>5.3461</b>

### 3.2 Demolition - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9000e-004	3.4000e-004	2.9300e-003	1.0000e-005	6.1000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4842	0.4842	2.0000e-005	0.0000	0.4847
<b>Total</b>	<b>1.9000e-004</b>	<b>3.4000e-004</b>	<b>2.9300e-003</b>	<b>1.0000e-005</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>6.1000e-004</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.4842</b>	<b>0.4842</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.4847</b>

### 3.3 Site Preparation - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-004	5.4700e-003	3.5000e-003	0.0000		3.3000e-004	3.3000e-004		3.0000e-004	3.0000e-004	0.0000	0.4257	0.4257	1.3000e-004	0.0000	0.4285
<b>Total</b>	<b>5.5000e-004</b>	<b>5.4700e-003</b>	<b>3.5000e-003</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>3.3000e-004</b>	<b>6.0000e-004</b>	<b>3.0000e-005</b>	<b>3.0000e-004</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.4257</b>	<b>0.4257</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>0.4285</b>

### 3.3 Site Preparation - 2018

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0000e-005	2.0000e-005	1.5000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0242	0.0242	0.0000	0.0000	0.0242
<b>Total</b>	<b>1.0000e-005</b>	<b>2.0000e-005</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0242</b>	<b>0.0242</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0242</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					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-004	5.4700e-003	3.5000e-003	0.0000		3.3000e-004	3.3000e-004		3.0000e-004	3.0000e-004	0.0000	0.4257	0.4257	1.3000e-004	0.0000	0.4285
<b>Total</b>	<b>5.5000e-004</b>	<b>5.4700e-003</b>	<b>3.5000e-003</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>3.3000e-004</b>	<b>6.0000e-004</b>	<b>3.0000e-005</b>	<b>3.0000e-004</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>0.4257</b>	<b>0.4257</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>0.4285</b>

### 3.3 Site Preparation - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0000e-005	2.0000e-005	1.5000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0242	0.0242	0.0000	0.0000	0.0242
<b>Total</b>	<b>1.0000e-005</b>	<b>2.0000e-005</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0242</b>	<b>0.0242</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0242</b>

### 3.4 Grading - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0500e-003	9.3200e-003	8.3500e-003	1.0000e-005		6.1000e-004	6.1000e-004		5.9000e-004	5.9000e-004	0.0000	1.0649	1.0649	2.1000e-004	0.0000	1.0692
<b>Total</b>	<b>1.0500e-003</b>	<b>9.3200e-003</b>	<b>8.3500e-003</b>	<b>1.0000e-005</b>	<b>7.5000e-004</b>	<b>6.1000e-004</b>	<b>1.3600e-003</b>	<b>4.1000e-004</b>	<b>5.9000e-004</b>	<b>1.0000e-003</b>	<b>0.0000</b>	<b>1.0649</b>	<b>1.0649</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>1.0692</b>

### 3.4 Grading - 2018

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.0000e-005	7.0000e-005	5.9000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0968	0.0968	0.0000	0.0000	0.0969
<b>Total</b>	<b>4.0000e-005</b>	<b>7.0000e-005</b>	<b>5.9000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0968</b>	<b>0.0968</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0969</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					7.5000e-004	0.0000	7.5000e-004	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0500e-003	9.3200e-003	8.3500e-003	1.0000e-005		6.1000e-004	6.1000e-004		5.9000e-004	5.9000e-004	0.0000	1.0649	1.0649	2.1000e-004	0.0000	1.0692
<b>Total</b>	<b>1.0500e-003</b>	<b>9.3200e-003</b>	<b>8.3500e-003</b>	<b>1.0000e-005</b>	<b>7.5000e-004</b>	<b>6.1000e-004</b>	<b>1.3600e-003</b>	<b>4.1000e-004</b>	<b>5.9000e-004</b>	<b>1.0000e-003</b>	<b>0.0000</b>	<b>1.0649</b>	<b>1.0649</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>1.0692</b>

### 3.4 Grading - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.0000e-005	7.0000e-005	5.9000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0968	0.0968	0.0000	0.0000	0.0969
<b>Total</b>	<b>4.0000e-005</b>	<b>7.0000e-005</b>	<b>5.9000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>1.2000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0968</b>	<b>0.0968</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0969</b>

### 3.5 Building Construction - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0539	0.5479	0.3862	5.7000e-004		0.0353	0.0353		0.0325	0.0325	0.0000	51.7208	51.7208	0.0161	0.0000	52.0589
<b>Total</b>	<b>0.0539</b>	<b>0.5479</b>	<b>0.3862</b>	<b>5.7000e-004</b>		<b>0.0353</b>	<b>0.0353</b>		<b>0.0325</b>	<b>0.0325</b>	<b>0.0000</b>	<b>51.7208</b>	<b>51.7208</b>	<b>0.0161</b>	<b>0.0000</b>	<b>52.0589</b>

### 3.5 Building Construction - 2018

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5700e-003	7.8800e-003	0.0197	2.0000e-005	5.8000e-004	1.2000e-004	7.0000e-004	1.7000e-004	1.1000e-004	2.8000e-004	0.0000	1.9247	1.9247	2.0000e-005	0.0000	1.9250	
Worker	7.4000e-004	1.3600e-003	0.0117	3.0000e-005	2.4300e-003	2.0000e-005	2.4500e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	1.9368	1.9368	1.0000e-004	0.0000	1.9388	
<b>Total</b>	<b>2.3100e-003</b>	<b>9.2400e-003</b>	<b>0.0314</b>	<b>5.0000e-005</b>	<b>3.0100e-003</b>	<b>1.4000e-004</b>	<b>3.1500e-003</b>	<b>8.2000e-004</b>	<b>1.3000e-004</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>3.8615</b>	<b>3.8615</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>3.8639</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	0.0539	0.5479	0.3862	5.7000e-004		0.0353	0.0353		0.0325	0.0325	0.0000	51.7208	51.7208	0.0161	0.0000	52.0589
<b>Total</b>	<b>0.0539</b>	<b>0.5479</b>	<b>0.3862</b>	<b>5.7000e-004</b>		<b>0.0353</b>	<b>0.0353</b>		<b>0.0325</b>	<b>0.0325</b>	<b>0.0000</b>	<b>51.7208</b>	<b>51.7208</b>	<b>0.0161</b>	<b>0.0000</b>	<b>52.0589</b>

### 3.5 Building Construction - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.5700e-003	7.8800e-003	0.0197	2.0000e-005	5.8000e-004	1.2000e-004	7.0000e-004	1.7000e-004	1.1000e-004	2.8000e-004	0.0000	1.9247	1.9247	2.0000e-005	0.0000	1.9250
Worker	7.4000e-004	1.3600e-003	0.0117	3.0000e-005	2.4300e-003	2.0000e-005	2.4500e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	1.9368	1.9368	1.0000e-004	0.0000	1.9388
<b>Total</b>	<b>2.3100e-003</b>	<b>9.2400e-003</b>	<b>0.0314</b>	<b>5.0000e-005</b>	<b>3.0100e-003</b>	<b>1.4000e-004</b>	<b>3.1500e-003</b>	<b>8.2000e-004</b>	<b>1.3000e-004</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>3.8615</b>	<b>3.8615</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>3.8639</b>

### 3.6 Paving - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.2700e-003	0.0216	0.0178	3.0000e-005		1.2600e-003	1.2600e-003		1.1700e-003	1.1700e-003	0.0000	2.3909	2.3909	6.7000e-004	0.0000	2.4051
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>2.2700e-003</b>	<b>0.0216</b>	<b>0.0178</b>	<b>3.0000e-005</b>		<b>1.2600e-003</b>	<b>1.2600e-003</b>		<b>1.1700e-003</b>	<b>1.1700e-003</b>	<b>0.0000</b>	<b>2.3909</b>	<b>2.3909</b>	<b>6.7000e-004</b>	<b>0.0000</b>	<b>2.4051</b>



### 3.6 Paving - 2018

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.7000e-004	3.1000e-004	2.6400e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4358	0.4358	2.0000e-005	0.0000	0.4362	
<b>Total</b>	<b>1.7000e-004</b>	<b>3.1000e-004</b>	<b>2.6400e-003</b>	<b>1.0000e-005</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>0.4358</b>	<b>0.4358</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.4362</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	2.2700e-003	0.0216	0.0178	3.0000e-005		1.2600e-003	1.2600e-003		1.1700e-003	1.1700e-003	0.0000	2.3909	2.3909	6.7000e-004	0.0000	2.4051
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>2.2700e-003</b>	<b>0.0216</b>	<b>0.0178</b>	<b>3.0000e-005</b>		<b>1.2600e-003</b>	<b>1.2600e-003</b>		<b>1.1700e-003</b>	<b>1.1700e-003</b>	<b>0.0000</b>	<b>2.3909</b>	<b>2.3909</b>	<b>6.7000e-004</b>	<b>0.0000</b>	<b>2.4051</b>

### 3.6 Paving - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.7000e-004	3.1000e-004	2.6400e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4358	0.4358	2.0000e-005	0.0000	0.4362
<b>Total</b>	<b>1.7000e-004</b>	<b>3.1000e-004</b>	<b>2.6400e-003</b>	<b>1.0000e-005</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>0.4358</b>	<b>0.4358</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.4362</b>

### 3.7 Architectural Coating - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1207					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5000e-004	5.0100e-003	4.6400e-003	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	0.6383	0.6383	6.0000e-005	0.0000	0.6396
<b>Total</b>	<b>0.1215</b>	<b>5.0100e-003</b>	<b>4.6400e-003</b>	<b>1.0000e-005</b>		<b>3.8000e-004</b>	<b>3.8000e-004</b>		<b>3.8000e-004</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>0.6396</b>

### 3.7 Architectural Coating - 2018

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0000e-005	2.0000e-005	1.5000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0242	0.0242	0.0000	0.0000	0.0242	
<b>Total</b>	<b>1.0000e-005</b>	<b>2.0000e-005</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0242</b>	<b>0.0242</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0242</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	0.1207					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	7.5000e-004	5.0100e-003	4.6400e-003	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	0.6383	0.6383	6.0000e-005	0.0000	0.6396	
<b>Total</b>	<b>0.1215</b>	<b>5.0100e-003</b>	<b>4.6400e-003</b>	<b>1.0000e-005</b>		<b>3.8000e-004</b>	<b>3.8000e-004</b>		<b>3.8000e-004</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>0.6396</b>	

### 3.7 Architectural Coating - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0000e-005	2.0000e-005	1.5000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0242	0.0242	0.0000	0.0000	0.0242
<b>Total</b>	<b>1.0000e-005</b>	<b>2.0000e-005</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0242</b>	<b>0.0242</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0242</b>

### 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	0.0656	0.1548	0.7150	1.8500e-003	0.1067	3.2800e-003	0.1100	0.0287	3.0300e-003	0.0318	0.0000	128.7667	128.7667	2.7400e-003	0.0000	128.8243
Unmitigated	0.0656	0.1548	0.7150	1.8500e-003	0.1067	3.2800e-003	0.1100	0.0287	3.0300e-003	0.0318	0.0000	128.7667	128.7667	2.7400e-003	0.0000	128.8243

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	31.50	5.97	3.07	91,930	91,930
General Office Building	59.06	12.71	5.26	123,550	123,550
Supermarket	54.80	95.19	89.21	71,356	71,356
<b>Total</b>	<b>145.36</b>	<b>113.87</b>	<b>97.54</b>	<b>286,835</b>	<b>286,835</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
General Light Industry	14.70	6.60	6.60	59.00	28.00	13.00	92	5	3
General Office Building	14.70	6.60	6.60	33.00	48.00	19.00	77	19	4
Supermarket	14.70	6.60	6.60	6.50	74.50	19.00	34	30	36

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.335306	0.054873	0.250255	0.147783	0.078399	0.009514	0.021129	0.084972	0.001775	0.000542	0.009904	0.000540	0.005008

**5.0 Energy Detail**

**5.1 Fleet Mix**

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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	21.5288	21.5288	1.4000e-003	2.9000e-004	21.6483
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	21.5288	21.5288	1.4000e-003	2.9000e-004	21.6483
NaturalGas Mitigated	7.6000e-004	6.9300e-003	5.8200e-003	4.0000e-005		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	7.5454	7.5454	1.4000e-004	1.4000e-004	7.5913
NaturalGas Unmitigated	7.6000e-004	6.9300e-003	5.8200e-003	4.0000e-005		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	7.5454	7.5454	1.4000e-004	1.4000e-004	7.5913

**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	tons/yr										MT/yr					
General Light Industry	16633.6	9.0000e-005	8.2000e-004	6.8000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8876	0.8876	2.0000e-005	2.0000e-005	0.8930
General Office Building	110284	5.9000e-004	5.4100e-003	4.5400e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	5.8852	5.8852	1.1000e-004	1.1000e-004	5.9210
Supermarket	14477.4	8.0000e-005	7.1000e-004	6.0000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.7726	0.7726	1.0000e-005	1.0000e-005	0.7773
<b>Total</b>		<b>7.6000e-004</b>	<b>6.9400e-003</b>	<b>5.8200e-003</b>	<b>3.0000e-005</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>7.5454</b>	<b>7.5454</b>	<b>1.4000e-004</b>	<b>1.4000e-004</b>	<b>7.5913</b>

### 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					
General Office Building	110284	5.9000e-004	5.4100e-003	4.5400e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	5.8852	5.8852	1.1000e-004	1.1000e-004	5.9210
Supermarket	14477.4	8.0000e-005	7.1000e-004	6.0000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.7726	0.7726	1.0000e-005	1.0000e-005	0.7773
General Light Industry	16633.6	9.0000e-005	8.2000e-004	6.8000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8876	0.8876	2.0000e-005	2.0000e-005	0.8930
<b>Total</b>		<b>7.6000e-004</b>	<b>6.9400e-003</b>	<b>5.8200e-003</b>	<b>3.0000e-005</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>7.5454</b>	<b>7.5454</b>	<b>1.4000e-004</b>	<b>1.4000e-004</b>	<b>7.5913</b>

### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	21379.6	4.3154	2.8000e-004	6.0000e-005	4.3394
General Office Building	66245.4	13.3715	8.7000e-004	1.8000e-004	13.4457
Supermarket	19033.4	3.8419	2.5000e-004	5.0000e-005	3.8632
<b>Total</b>		<b>21.5288</b>	<b>1.4000e-003</b>	<b>2.9000e-004</b>	<b>21.6483</b>

### 5.3 Energy by Land Use - Electricity

#### Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	21379.6	4.3154	2.8000e-004	6.0000e-005	4.3394
General Office Building	66245.4	13.3715	8.7000e-004	1.8000e-004	13.4457
Supermarket	19033.4	3.8419	2.5000e-004	5.0000e-005	3.8632
<b>Total</b>		<b>21.5288</b>	<b>1.4000e-003</b>	<b>2.9000e-004</b>	<b>21.6483</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	0.0528	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.9000e-004	1.9000e-004	0.0000	0.0000	2.0000e-004
Unmitigated	0.0528	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.9000e-004	1.9000e-004	0.0000	0.0000	2.0000e-004



### 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	0.0121					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0407					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.9000e-004	1.9000e-004	0.0000	0.0000	2.0000e-004
<b>Total</b>	<b>0.0528</b>	<b>0.0000</b>	<b>1.0000e-004</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>1.9000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-004</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	0.0121					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0407					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.9000e-004	1.9000e-004	0.0000	0.0000	2.0000e-004
<b>Total</b>	<b>0.0528</b>	<b>0.0000</b>	<b>1.0000e-004</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>1.9000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-004</b>

### 7.0 Water Detail

### 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2.6688	0.4691	1.6200e-003	13.0227
Unmitigated	2.6688	0.4691	1.6200e-003	13.0227

### 7.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	1.04525 / 0	1.1416	0.2375	8.2000e-004	6.3827
General Office Building	0.952653 / 0.583884	1.4530	0.2165	7.5000e-004	6.2321
Supermarket	0.0665648 / 0.0020587	0.0742	0.0151	5.0000e-005	0.4079
<b>Total</b>		<b>2.6688</b>	<b>0.4691</b>	<b>1.6200e-003</b>	<b>13.0227</b>

## 7.2 Water by Land Use

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	1.04525 / 0	1.1416	0.2375	8.2000e-004	6.3827
General Office Building	0.952653 / 0.583884	1.4530	0.2165	7.5000e-004	6.2321
Supermarket	0.0665648 / 0.0020587	0.0742	0.0151	5.0000e-005	0.4079
<b>Total</b>		<b>2.6688</b>	<b>0.4691</b>	<b>1.6200e-003</b>	<b>13.0227</b>

## 8.0 Waste Detail

---

### 8.1 Mitigation Measures Waste

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2.7668	0.1635	0.0000	6.2005
Unmitigated	2.7668	0.1635	0.0000	6.2005

## 8.2 Waste by Land Use

### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	5.6	1.1368	0.0672	0.0000	2.5475
General Office Building	4.98	1.0109	0.0597	0.0000	2.2655
Supermarket	3.05	0.6191	0.0366	0.0000	1.3875
<b>Total</b>		<b>2.7668</b>	<b>0.1635</b>	<b>0.0000</b>	<b>6.2005</b>

### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	5.6	1.1368	0.0672	0.0000	2.5475
General Office Building	4.98	1.0109	0.0597	0.0000	2.2655
Supermarket	3.05	0.6191	0.0366	0.0000	1.3875
<b>Total</b>		<b>2.7668</b>	<b>0.1635</b>	<b>0.0000</b>	<b>6.2005</b>

## 9.0 Operational Offroad

---

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

### 10.0 Vegetation

---

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-27.7500	0.0000	0.0000	-27.7500

### 10.1 Vegetation Land Change

#### Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Trees	0.25 / 0	-27.7500	0.0000	0.0000	-27.7500
<b>Total</b>		<b>-27.7500</b>	<b>0.0000</b>	<b>0.0000</b>	<b>-27.7500</b>