

**191 Riverside Drive  
Orange County, Annual**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	13.00	Dwelling Unit	0.81	13,000.00	37
Strip Mall	11.30	1000sqft	0.26	11,300.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	30
<b>Climate Zone</b>	8			<b>Operational Year</b>	2014
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	630.89	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

Project Characteristics -

Land Use -

Table Name	Column Name	Default Value	New Value
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**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	0.1531	2.7100e-003	0.2192	1.4000e-004		0.0131	0.0131		0.0131	0.0131	1.3809	2.8728	4.2536	4.3500e-003	9.0000e-005	4.3741
Energy	9.0000e-004	7.7300e-003	3.7600e-003	5.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	63.6657	63.6657	2.6900e-003	6.8000e-004	63.9342
Mobile	0.3322	0.7016	3.2712	6.1000e-003	0.4400	9.3800e-003	0.4494	0.1176	8.6200e-003	0.1262	0.0000	509.7767	509.7767	0.0238	0.0000	510.2757
Waste						0.0000	0.0000		0.0000	0.0000	3.6234	0.0000	3.6234	0.2141	0.0000	8.1203
Water						0.0000	0.0000		0.0000	0.0000	0.5343	9.6037	10.1379	0.0553	1.3900e-003	11.7295
<b>Total</b>	<b>0.4862</b>	<b>0.7121</b>	<b>3.4941</b>	<b>6.2900e-003</b>	<b>0.4400</b>	<b>0.0231</b>	<b>0.4632</b>	<b>0.1176</b>	<b>0.0224</b>	<b>0.1399</b>	<b>5.5385</b>	<b>585.9189</b>	<b>591.4574</b>	<b>0.3003</b>	<b>2.1600e-003</b>	<b>598.4338</b>

## 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	0.1531	2.7100e-003	0.2192	1.4000e-004		0.0131	0.0131		0.0131	0.0131	1.3809	2.8728	4.2536	4.3500e-003	9.0000e-005	4.3741
Energy	9.0000e-004	7.7300e-003	3.7600e-003	5.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	63.6657	63.6657	2.6900e-003	6.8000e-004	63.9342
Mobile	0.3322	0.7016	3.2712	6.1000e-003	0.4400	9.3800e-003	0.4494	0.1176	8.6200e-003	0.1262	0.0000	509.7767	509.7767	0.0238	0.0000	510.2757
Waste						0.0000	0.0000		0.0000	0.0000	3.6234	0.0000	3.6234	0.2141	0.0000	8.1203
Water						0.0000	0.0000		0.0000	0.0000	0.5343	9.6037	10.1379	0.0553	1.3800e-003	11.7287
<b>Total</b>	<b>0.4862</b>	<b>0.7121</b>	<b>3.4941</b>	<b>6.2900e-003</b>	<b>0.4400</b>	<b>0.0231</b>	<b>0.4632</b>	<b>0.1176</b>	<b>0.0224</b>	<b>0.1399</b>	<b>5.5385</b>	<b>585.9189</b>	<b>591.4574</b>	<b>0.3003</b>	<b>2.1500e-003</b>	<b>598.4329</b>

	ROG	NOx	CO	SO2	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	0.46	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	Demolition	Demolition	1/1/2017	1/27/2017	5	20	
2	Site Preparation	Site Preparation	1/28/2017	1/31/2017	5	2	
3	Grading	Grading	2/1/2017	2/6/2017	5	4	
4	Building Construction	Building Construction	2/7/2017	11/13/2017	5	200	
5	Paving	Paving	11/14/2017	11/27/2017	5	10	
6	Architectural Coating	Architectural Coating	11/28/2017	12/11/2017	5	10	

**Acres of Grading (Site Preparation Phase): 1**

**Acres of Grading (Grading Phase): 1.5**

**Acres of Paving: 0**

**Residential Indoor: 26,325; Residential Outdoor: 8,775; Non-Residential Indoor: 16,950; Non-Residential Outdoor: 5,650 (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	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	6.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Rubber Tired Dozers	1	6.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	174	0.41
Paving	Paving Equipment	1	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	255	0.40
Building Construction	Welders	3	8.00	46	0.45

**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	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	13.00	3.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

### 3.2 Demolition - 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	0.0272	0.2659	0.2087	2.4000e-004		0.0161	0.0161		0.0150	0.0150	0.0000	22.2938	22.2938	5.6600e-003	0.0000	22.4126
<b>Total</b>	<b>0.0272</b>	<b>0.2659</b>	<b>0.2087</b>	<b>2.4000e-004</b>		<b>0.0161</b>	<b>0.0161</b>		<b>0.0150</b>	<b>0.0150</b>	<b>0.0000</b>	<b>22.2938</b>	<b>22.2938</b>	<b>5.6600e-003</b>	<b>0.0000</b>	<b>22.4126</b>

### 3.2 Demolition - 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	4.0000e-004	6.0000e-004	6.2400e-003	2.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2366	1.2366	6.0000e-005	0.0000	1.2378
<b>Total</b>	<b>4.0000e-004</b>	<b>6.0000e-004</b>	<b>6.2400e-003</b>	<b>2.0000e-005</b>	<b>1.4300e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.2366</b>	<b>1.2366</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.2378</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	0.0272	0.2659	0.2087	2.4000e-004		0.0161	0.0161		0.0150	0.0150	0.0000	22.2938	22.2938	5.6600e-003	0.0000	22.4125
<b>Total</b>	<b>0.0272</b>	<b>0.2659</b>	<b>0.2087</b>	<b>2.4000e-004</b>		<b>0.0161</b>	<b>0.0161</b>		<b>0.0150</b>	<b>0.0150</b>	<b>0.0000</b>	<b>22.2938</b>	<b>22.2938</b>	<b>5.6600e-003</b>	<b>0.0000</b>	<b>22.4125</b>

### 3.2 Demolition - 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	4.0000e-004	6.0000e-004	6.2400e-003	2.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2366	1.2366	6.0000e-005	0.0000	1.2378
<b>Total</b>	<b>4.0000e-004</b>	<b>6.0000e-004</b>	<b>6.2400e-003</b>	<b>2.0000e-005</b>	<b>1.4300e-003</b>	<b>1.0000e-005</b>	<b>1.4400e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.2366</b>	<b>1.2366</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.2378</b>

### 3.3 Site Preparation - 2017

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.8000e-003	0.0000	5.8000e-003	2.9500e-003	0.0000	2.9500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3100e-003	0.0242	0.0159	2.0000e-005		1.3100e-003	1.3100e-003		1.2000e-003	1.2000e-003	0.0000	1.5895	1.5895	4.9000e-004	0.0000	1.5997
<b>Total</b>	<b>2.3100e-003</b>	<b>0.0242</b>	<b>0.0159</b>	<b>2.0000e-005</b>	<b>5.8000e-003</b>	<b>1.3100e-003</b>	<b>7.1100e-003</b>	<b>2.9500e-003</b>	<b>1.2000e-003</b>	<b>4.1500e-003</b>	<b>0.0000</b>	<b>1.5895</b>	<b>1.5895</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>1.5997</b>

### 3.3 Site Preparation - 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	2.0000e-005	4.0000e-005	3.8000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0761	0.0761	0.0000	0.0000	0.0762
<b>Total</b>	<b>2.0000e-005</b>	<b>4.0000e-005</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0761</b>	<b>0.0761</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0762</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					5.8000e-003	0.0000	5.8000e-003	2.9500e-003	0.0000	2.9500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3100e-003	0.0242	0.0159	2.0000e-005		1.3100e-003	1.3100e-003		1.2000e-003	1.2000e-003	0.0000	1.5895	1.5895	4.9000e-004	0.0000	1.5997
<b>Total</b>	<b>2.3100e-003</b>	<b>0.0242</b>	<b>0.0159</b>	<b>2.0000e-005</b>	<b>5.8000e-003</b>	<b>1.3100e-003</b>	<b>7.1100e-003</b>	<b>2.9500e-003</b>	<b>1.2000e-003</b>	<b>4.1500e-003</b>	<b>0.0000</b>	<b>1.5895</b>	<b>1.5895</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>1.5997</b>

### 3.3 Site Preparation - 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	2.0000e-005	4.0000e-005	3.8000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0761	0.0761	0.0000	0.0000	0.0762
<b>Total</b>	<b>2.0000e-005</b>	<b>4.0000e-005</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0761</b>	<b>0.0761</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0762</b>

### 3.4 Grading - 2017

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.8300e-003	0.0000	9.8300e-003	5.0500e-003	0.0000	5.0500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7700e-003	0.0396	0.0264	3.0000e-005		2.1300e-003	2.1300e-003		1.9600e-003	1.9600e-003	0.0000	2.6112	2.6112	8.0000e-004	0.0000	2.6280
<b>Total</b>	<b>3.7700e-003</b>	<b>0.0396</b>	<b>0.0264</b>	<b>3.0000e-005</b>	<b>9.8300e-003</b>	<b>2.1300e-003</b>	<b>0.0120</b>	<b>5.0500e-003</b>	<b>1.9600e-003</b>	<b>7.0100e-003</b>	<b>0.0000</b>	<b>2.6112</b>	<b>2.6112</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>2.6280</b>

### 3.4 Grading - 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	5.0000e-005	7.0000e-005	7.7000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1522	0.1522	1.0000e-005	0.0000	0.1524
<b>Total</b>	<b>5.0000e-005</b>	<b>7.0000e-005</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>1.8000e-004</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.1522</b>	<b>0.1522</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1524</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					9.8300e-003	0.0000	9.8300e-003	5.0500e-003	0.0000	5.0500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7700e-003	0.0396	0.0264	3.0000e-005		2.1300e-003	2.1300e-003		1.9600e-003	1.9600e-003	0.0000	2.6112	2.6112	8.0000e-004	0.0000	2.6280
<b>Total</b>	<b>3.7700e-003</b>	<b>0.0396</b>	<b>0.0264</b>	<b>3.0000e-005</b>	<b>9.8300e-003</b>	<b>2.1300e-003</b>	<b>0.0120</b>	<b>5.0500e-003</b>	<b>1.9600e-003</b>	<b>7.0100e-003</b>	<b>0.0000</b>	<b>2.6112</b>	<b>2.6112</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>2.6280</b>

### 3.4 Grading - 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	5.0000e-005	7.0000e-005	7.7000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1522	0.1522	1.0000e-005	0.0000	0.1524
<b>Total</b>	<b>5.0000e-005</b>	<b>7.0000e-005</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>1.8000e-004</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.1522</b>	<b>0.1522</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1524</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	0.2955	1.9109	1.4311	2.2000e-003		0.1226	0.1226		0.1182	0.1182	0.0000	184.5473	184.5473	0.0387	0.0000	185.3605
<b>Total</b>	<b>0.2955</b>	<b>1.9109</b>	<b>1.4311</b>	<b>2.2000e-003</b>		<b>0.1226</b>	<b>0.1226</b>		<b>0.1182</b>	<b>0.1182</b>	<b>0.0000</b>	<b>184.5473</b>	<b>184.5473</b>	<b>0.0387</b>	<b>0.0000</b>	<b>185.3605</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	2.5800e-003	0.0246	0.0335	6.0000e-005	1.8500e-003	3.7000e-004	2.2200e-003	5.3000e-004	3.4000e-004	8.7000e-004	0.0000	5.7853	5.7853	4.0000e-005	0.0000	5.7861
Worker	4.0400e-003	5.9700e-003	0.0624	1.7000e-004	0.0143	1.0000e-004	0.0144	3.7900e-003	9.0000e-005	3.8800e-003	0.0000	12.3659	12.3659	5.8000e-004	0.0000	12.3781
<b>Total</b>	<b>6.6200e-003</b>	<b>0.0306</b>	<b>0.0959</b>	<b>2.3000e-004</b>	<b>0.0161</b>	<b>4.7000e-004</b>	<b>0.0166</b>	<b>4.3200e-003</b>	<b>4.3000e-004</b>	<b>4.7500e-003</b>	<b>0.0000</b>	<b>18.1511</b>	<b>18.1511</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>18.1643</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	0.2955	1.9109	1.4311	2.2000e-003		0.1226	0.1226		0.1182	0.1182	0.0000	184.5471	184.5471	0.0387	0.0000	185.3603
<b>Total</b>	<b>0.2955</b>	<b>1.9109</b>	<b>1.4311</b>	<b>2.2000e-003</b>		<b>0.1226</b>	<b>0.1226</b>		<b>0.1182</b>	<b>0.1182</b>	<b>0.0000</b>	<b>184.5471</b>	<b>184.5471</b>	<b>0.0387</b>	<b>0.0000</b>	<b>185.3603</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	2.5800e-003	0.0246	0.0335	6.0000e-005	1.8500e-003	3.7000e-004	2.2200e-003	5.3000e-004	3.4000e-004	8.7000e-004	0.0000	5.7853	5.7853	4.0000e-005	0.0000	5.7861
Worker	4.0400e-003	5.9700e-003	0.0624	1.7000e-004	0.0143	1.0000e-004	0.0144	3.7900e-003	9.0000e-005	3.8800e-003	0.0000	12.3659	12.3659	5.8000e-004	0.0000	12.3781
<b>Total</b>	<b>6.6200e-003</b>	<b>0.0306</b>	<b>0.0959</b>	<b>2.3000e-004</b>	<b>0.0161</b>	<b>4.7000e-004</b>	<b>0.0166</b>	<b>4.3200e-003</b>	<b>4.3000e-004</b>	<b>4.7500e-003</b>	<b>0.0000</b>	<b>18.1511</b>	<b>18.1511</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>18.1643</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	5.9300e-003	0.0605	0.0452	7.0000e-005		3.6700e-003	3.6700e-003		3.3800e-003	3.3800e-003	0.0000	6.1129	6.1129	1.8400e-003	0.0000	6.1515
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>5.9300e-003</b>	<b>0.0605</b>	<b>0.0452</b>	<b>7.0000e-005</b>		<b>3.6700e-003</b>	<b>3.6700e-003</b>		<b>3.3800e-003</b>	<b>3.3800e-003</b>	<b>0.0000</b>	<b>6.1129</b>	<b>6.1129</b>	<b>1.8400e-003</b>	<b>0.0000</b>	<b>6.1515</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	2.0000e-004	3.0000e-004	3.1200e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6183	0.6183	3.0000e-005	0.0000	0.6189
<b>Total</b>	<b>2.0000e-004</b>	<b>3.0000e-004</b>	<b>3.1200e-003</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>7.2000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.6183</b>	<b>0.6183</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.6189</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	5.9300e-003	0.0605	0.0452	7.0000e-005		3.6700e-003	3.6700e-003		3.3800e-003	3.3800e-003	0.0000	6.1129	6.1129	1.8400e-003	0.0000	6.1515
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>5.9300e-003</b>	<b>0.0605</b>	<b>0.0452</b>	<b>7.0000e-005</b>		<b>3.6700e-003</b>	<b>3.6700e-003</b>		<b>3.3800e-003</b>	<b>3.3800e-003</b>	<b>0.0000</b>	<b>6.1129</b>	<b>6.1129</b>	<b>1.8400e-003</b>	<b>0.0000</b>	<b>6.1515</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	2.0000e-004	3.0000e-004	3.1200e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6183	0.6183	3.0000e-005	0.0000	0.6189
<b>Total</b>	<b>2.0000e-004</b>	<b>3.0000e-004</b>	<b>3.1200e-003</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>7.2000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.6183</b>	<b>0.6183</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.6189</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	0.1818					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6600e-003	0.0109	9.3400e-003	1.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	1.2766	1.2766	1.3000e-004	0.0000	1.2795
<b>Total</b>	<b>0.1834</b>	<b>0.0109</b>	<b>9.3400e-003</b>	<b>1.0000e-005</b>		<b>8.7000e-004</b>	<b>8.7000e-004</b>		<b>8.7000e-004</b>	<b>8.7000e-004</b>	<b>0.0000</b>	<b>1.2766</b>	<b>1.2766</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.2795</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
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	5.0000e-005	7.0000e-005	7.2000e-004	0.0000	1.6000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1427	0.1427	1.0000e-005	0.0000	0.1428
<b>Total</b>	<b>5.0000e-005</b>	<b>7.0000e-005</b>	<b>7.2000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.7000e-004</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1427</b>	<b>0.1427</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1428</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	0.1818					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6600e-003	0.0109	9.3400e-003	1.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	1.2766	1.2766	1.3000e-004	0.0000	1.2795
<b>Total</b>	<b>0.1834</b>	<b>0.0109</b>	<b>9.3400e-003</b>	<b>1.0000e-005</b>		<b>8.7000e-004</b>	<b>8.7000e-004</b>		<b>8.7000e-004</b>	<b>8.7000e-004</b>	<b>0.0000</b>	<b>1.2766</b>	<b>1.2766</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.2795</b>

### 3.7 Architectural Coating - 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	5.0000e-005	7.0000e-005	7.2000e-004	0.0000	1.6000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1427	0.1427	1.0000e-005	0.0000	0.1428
<b>Total</b>	<b>5.0000e-005</b>	<b>7.0000e-005</b>	<b>7.2000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.7000e-004</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1427</b>	<b>0.1427</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1428</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	0.3322	0.7016	3.2712	6.1000e-003	0.4400	9.3800e-003	0.4494	0.1176	8.6200e-003	0.1262	0.0000	509.7767	509.7767	0.0238	0.0000	510.2757
Unmitigated	0.3322	0.7016	3.2712	6.1000e-003	0.4400	9.3800e-003	0.4494	0.1176	8.6200e-003	0.1262	0.0000	509.7767	509.7767	0.0238	0.0000	510.2757

### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	85.67	93.08	78.91	293,065	293,065
Strip Mall	500.82	475.05	230.86	872,473	872,473
<b>Total</b>	<b>586.49</b>	<b>568.13</b>	<b>309.77</b>	<b>1,165,538</b>	<b>1,165,538</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
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.511766	0.057390	0.191335	0.154102	0.040813	0.005872	0.014592	0.013169	0.001415	0.002132	0.004680	0.000514	0.002220

### 5.0 Energy Detail

#### 4.4 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	54.7872	54.7872	2.5200e-003	5.2000e-004	55.0016
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	54.7872	54.7872	2.5200e-003	5.2000e-004	55.0016
NaturalGas Mitigated	9.0000e-004	7.7300e-003	3.7600e-003	5.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	8.8786	8.8786	1.7000e-004	1.6000e-004	8.9326
NaturalGas Unmitigated	9.0000e-004	7.7300e-003	3.7600e-003	5.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	8.8786	8.8786	1.7000e-004	1.6000e-004	8.9326

**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					
Strip Mall	23165	1.2000e-004	1.1400e-003	9.5000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2362	1.2362	2.0000e-005	2.0000e-005	1.2437
Apartments Low Rise	143213	7.7000e-004	6.6000e-003	2.8100e-003	4.0000e-005		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	7.6424	7.6424	1.5000e-004	1.4000e-004	7.6889
<b>Total</b>		<b>8.9000e-004</b>	<b>7.7400e-003</b>	<b>3.7600e-003</b>	<b>5.0000e-005</b>		<b>6.2000e-004</b>	<b>6.2000e-004</b>		<b>6.2000e-004</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>8.8785</b>	<b>8.8785</b>	<b>1.7000e-004</b>	<b>1.6000e-004</b>	<b>8.9326</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					
Strip Mall	23165	1.2000e-004	1.1400e-003	9.5000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2362	1.2362	2.0000e-005	2.0000e-005	1.2437
Apartments Low Rise	143213	7.7000e-004	6.6000e-003	2.8100e-003	4.0000e-005		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	7.6424	7.6424	1.5000e-004	1.4000e-004	7.6889
<b>Total</b>		<b>8.9000e-004</b>	<b>7.7400e-003</b>	<b>3.7600e-003</b>	<b>5.0000e-005</b>		<b>6.2000e-004</b>	<b>6.2000e-004</b>		<b>6.2000e-004</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>8.8785</b>	<b>8.8785</b>	<b>1.7000e-004</b>	<b>1.6000e-004</b>	<b>8.9326</b>

### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	46811.8	13.3960	6.2000e-004	1.3000e-004	13.4484
Strip Mall	144640	41.3912	1.9000e-003	3.9000e-004	41.5532
<b>Total</b>		<b>54.7872</b>	<b>2.5200e-003</b>	<b>5.2000e-004</b>	<b>55.0016</b>

### 5.3 Energy by Land Use - Electricity

#### Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	46811.8	13.3960	6.2000e-004	1.3000e-004	13.4484
Strip Mall	144640	41.3912	1.9000e-003	3.9000e-004	41.5532
<b>Total</b>		<b>54.7872</b>	<b>2.5200e-003</b>	<b>5.2000e-004</b>	<b>55.0016</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	0.1531	2.7100e-003	0.2192	1.4000e-004		0.0131	0.0131		0.0131	0.0131	1.3809	2.8728	4.2536	4.3500e-003	9.0000e-005	4.3741
Unmitigated	0.1531	2.7100e-003	0.2192	1.4000e-004		0.0131	0.0131		0.0131	0.0131	1.3809	2.8728	4.2536	4.3500e-003	9.0000e-005	4.3741

### 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	0.0182					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0878					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0426	1.0800e-003	0.0817	1.3000e-004		0.0124	0.0124		0.0124	0.0124	1.3809	2.6535	4.0344	4.1200e-003	9.0000e-005		4.1499
Landscaping	4.4900e-003	1.6300e-003	0.1375	1.0000e-005		7.3000e-004	7.3000e-004		7.3000e-004	7.3000e-004	0.0000	0.2193	0.2193	2.3000e-004	0.0000		0.2242
<b>Total</b>	<b>0.1531</b>	<b>2.7100e-003</b>	<b>0.2192</b>	<b>1.4000e-004</b>		<b>0.0131</b>	<b>0.0131</b>		<b>0.0131</b>	<b>0.0131</b>	<b>1.3809</b>	<b>2.8728</b>	<b>4.2536</b>	<b>4.3500e-003</b>	<b>9.0000e-005</b>		<b>4.3741</b>

## 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	0.0182					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0878					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0426	1.0800e-003	0.0817	1.3000e-004		0.0124	0.0124		0.0124	0.0124	1.3809	2.6535	4.0344	4.1200e-003	9.0000e-005	4.1499
Landscaping	4.4900e-003	1.6300e-003	0.1375	1.0000e-005		7.3000e-004	7.3000e-004		7.3000e-004	7.3000e-004	0.0000	0.2193	0.2193	2.3000e-004	0.0000	0.2242
<b>Total</b>	<b>0.1531</b>	<b>2.7100e-003</b>	<b>0.2192</b>	<b>1.4000e-004</b>		<b>0.0131</b>	<b>0.0131</b>		<b>0.0131</b>	<b>0.0131</b>	<b>1.3809</b>	<b>2.8728</b>	<b>4.2536</b>	<b>4.3500e-003</b>	<b>9.0000e-005</b>	<b>4.3741</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	10.1379	0.0553	1.3800e-003	11.7287
Unmitigated	10.1379	0.0553	1.3900e-003	11.7295

## 7.2 Water by Land Use

### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	0.847002 / 0.53398	5.1225	0.0278	7.0000e-004	5.9231
Strip Mall	0.837019 / 0.513012	5.0155	0.0275	6.9000e-004	5.8065
<b>Total</b>		<b>10.1380</b>	<b>0.0553</b>	<b>1.3900e-003</b>	<b>11.7296</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	0.847002 / 0.53398	5.1225	0.0278	7.0000e-004	5.9227
Strip Mall	0.837019 / 0.513012	5.0155	0.0275	6.9000e-004	5.8060
<b>Total</b>		<b>10.1380</b>	<b>0.0553</b>	<b>1.3900e-003</b>	<b>11.7287</b>

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	3.6234	0.2141	0.0000	8.1203
Unmitigated	3.6234	0.2141	0.0000	8.1203

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	5.98	1.2139	0.0717	0.0000	2.7204
Strip Mall	11.87	2.4095	0.1424	0.0000	5.3999
<b>Total</b>		<b>3.6234</b>	<b>0.2141</b>	<b>0.0000</b>	<b>8.1203</b>

## 8.2 Waste by Land Use

### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	5.98	1.2139	0.0717	0.0000	2.7204
Strip Mall	11.87	2.4095	0.1424	0.0000	5.3999
<b>Total</b>		<b>3.6234</b>	<b>0.2141</b>	<b>0.0000</b>	<b>8.1203</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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