

**Condit-Evergreen GPA  
Santa Clara 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	381.00	Dwelling Unit	18.18	381,000.00	1193

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	4			<b>Operational Year</b>	2016
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	641.35	<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 -

Land Use - Changed based on actual acreage and maximum unit amount.

Construction Phase -

Vehicle Trips - Changed trip rate based on traffic report.

Mobile Land Use Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	250.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	250.00
tblArchitecturalCoating	EF_Residential_Exterior	150.00	250.00
tblArchitecturalCoating	EF_Residential_Interior	100.00	250.00
tblLandUse	LotAcreage	23.81	18.18
tblLandUse	Population	1,090.00	1,193.00
tblProjectCharacteristics	OperationalYear	2014	2016
tblVehicleTrips	ST_TR	7.16	7.00
tblVehicleTrips	SU_TR	6.07	7.00
tblVehicleTrips	WD_TR	6.59	7.00

## 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	2.1420	0.0386	3.2915	5.1000e-004		0.0771	0.0771		0.0770	0.0770	6.2424	14.6953	20.9377	0.0163	5.2000e-004	21.4416
Energy	0.0222	0.1893	0.0805	1.2100e-003		0.0153	0.0153		0.0153	0.0153	0.0000	627.2753	627.2753	0.0227	7.8400e-003	630.1803
Mobile	1.6395	3.4784	16.0858	0.0306	2.2094	0.0442	2.2536	0.5907	0.0407	0.6313	0.0000	2,418.9125	2,418.9125	0.1054	0.0000	2,421.1261
Waste						0.0000	0.0000		0.0000	0.0000	35.5762	0.0000	35.5762	2.1025	0.0000	79.7286
Water						0.0000	0.0000		0.0000	0.0000	7.8754	55.0099	62.8853	0.8114	0.0196	86.0044
<b>Total</b>	<b>3.8037</b>	<b>3.7062</b>	<b>19.4578</b>	<b>0.0323</b>	<b>2.2094</b>	<b>0.1366</b>	<b>2.3460</b>	<b>0.5907</b>	<b>0.1330</b>	<b>0.7237</b>	<b>49.6940</b>	<b>3,115.8930</b>	<b>3,165.5870</b>	<b>3.0582</b>	<b>0.0280</b>	<b>3,238.4809</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	2.1420	0.0386	3.2915	5.1000e-004		0.0771	0.0771		0.0770	0.0770	6.2424	14.6953	20.9377	0.0163	5.2000e-004	21.4416
Energy	0.0222	0.1893	0.0805	1.2100e-003		0.0153	0.0153		0.0153	0.0153	0.0000	627.2753	627.2753	0.0227	7.8400e-003	630.1803
Mobile	1.6395	3.4784	16.0858	0.0306	2.2094	0.0442	2.2536	0.5907	0.0407	0.6313	0.0000	2,418.9125	2,418.9125	0.1054	0.0000	2,421.1261
Waste						0.0000	0.0000		0.0000	0.0000	35.5762	0.0000	35.5762	2.1025	0.0000	79.7286
Water						0.0000	0.0000		0.0000	0.0000	7.8754	55.0099	62.8853	0.8112	0.0196	85.9918
<b>Total</b>	<b>3.8037</b>	<b>3.7062</b>	<b>19.4578</b>	<b>0.0323</b>	<b>2.2094</b>	<b>0.1366</b>	<b>2.3460</b>	<b>0.5907</b>	<b>0.1330</b>	<b>0.7237</b>	<b>49.6940</b>	<b>3,115.8930</b>	<b>3,165.5870</b>	<b>3.0581</b>	<b>0.0279</b>	<b>3,238.4683</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	0.11	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	1/1/2015	1/28/2015	5	20	
2	Site Preparation	Site Preparation	1/29/2015	2/11/2015	5	10	
3	Grading	Grading	2/12/2015	3/25/2015	5	30	
4	Building Construction	Building Construction	3/26/2015	5/18/2016	5	300	
5	Paving	Paving	5/19/2016	6/15/2016	5	20	
6	Architectural Coating	Architectural Coating	6/16/2016	7/13/2016	5	20	

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

**Acres of Grading (Grading Phase): 75**

**Acres of Paving: 0**

**Residential Indoor: 771,525; Residential Outdoor: 257,175; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (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	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	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	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	274.00	41.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	55.00	0.00	0.00	12.40	7.30	20.00	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

### 3.2 Demolition - 2015

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0451	0.4836	0.3607	4.0000e-004		0.0245	0.0245		0.0229	0.0229	0.0000	37.4413	37.4413	0.0102	0.0000	37.6544
<b>Total</b>	<b>0.0451</b>	<b>0.4836</b>	<b>0.3607</b>	<b>4.0000e-004</b>		<b>0.0245</b>	<b>0.0245</b>		<b>0.0229</b>	<b>0.0229</b>	<b>0.0000</b>	<b>37.4413</b>	<b>37.4413</b>	<b>0.0102</b>	<b>0.0000</b>	<b>37.6544</b>



### 3.2 Demolition - 2015

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2000e-004	8.8000e-004	8.5300e-003	2.0000e-005	1.3700e-003	1.0000e-005	1.3800e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2465	1.2465	7.0000e-005	0.0000	1.2479
<b>Total</b>	<b>6.2000e-004</b>	<b>8.8000e-004</b>	<b>8.5300e-003</b>	<b>2.0000e-005</b>	<b>1.3700e-003</b>	<b>1.0000e-005</b>	<b>1.3800e-003</b>	<b>3.6000e-004</b>	<b>1.0000e-005</b>	<b>3.7000e-004</b>	<b>0.0000</b>	<b>1.2465</b>	<b>1.2465</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>1.2479</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	0.0451	0.4836	0.3607	4.0000e-004		0.0245	0.0245		0.0229	0.0229	0.0000	37.4412	37.4412	0.0102	0.0000	37.6544
<b>Total</b>	<b>0.0451</b>	<b>0.4836</b>	<b>0.3607</b>	<b>4.0000e-004</b>		<b>0.0245</b>	<b>0.0245</b>		<b>0.0229</b>	<b>0.0229</b>	<b>0.0000</b>	<b>37.4412</b>	<b>37.4412</b>	<b>0.0102</b>	<b>0.0000</b>	<b>37.6544</b>

### 3.2 Demolition - 2015

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2000e-004	8.8000e-004	8.5300e-003	2.0000e-005	1.3700e-003	1.0000e-005	1.3800e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2465	1.2465	7.0000e-005	0.0000	1.2479
<b>Total</b>	<b>6.2000e-004</b>	<b>8.8000e-004</b>	<b>8.5300e-003</b>	<b>2.0000e-005</b>	<b>1.3700e-003</b>	<b>1.0000e-005</b>	<b>1.3800e-003</b>	<b>3.6000e-004</b>	<b>1.0000e-005</b>	<b>3.7000e-004</b>	<b>0.0000</b>	<b>1.2465</b>	<b>1.2465</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>1.2479</b>

### 3.3 Site Preparation - 2015

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0263	0.2845	0.2132	2.0000e-004		0.0154	0.0154		0.0142	0.0142	0.0000	18.6506	18.6506	5.5700e-003	0.0000	18.7675
<b>Total</b>	<b>0.0263</b>	<b>0.2845</b>	<b>0.2132</b>	<b>2.0000e-004</b>	<b>0.0903</b>	<b>0.0154</b>	<b>0.1058</b>	<b>0.0497</b>	<b>0.0142</b>	<b>0.0639</b>	<b>0.0000</b>	<b>18.6506</b>	<b>18.6506</b>	<b>5.5700e-003</b>	<b>0.0000</b>	<b>18.7675</b>

### 3.3 Site Preparation - 2015

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	5.3000e-004	5.1200e-003	1.0000e-005	8.2000e-004	1.0000e-005	8.3000e-004	2.2000e-004	1.0000e-005	2.2000e-004	0.0000	0.7479	0.7479	4.0000e-005	0.0000	0.7488
<b>Total</b>	<b>3.7000e-004</b>	<b>5.3000e-004</b>	<b>5.1200e-003</b>	<b>1.0000e-005</b>	<b>8.2000e-004</b>	<b>1.0000e-005</b>	<b>8.3000e-004</b>	<b>2.2000e-004</b>	<b>1.0000e-005</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>0.7479</b>	<b>0.7479</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.7488</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					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0263	0.2845	0.2132	2.0000e-004		0.0154	0.0154		0.0142	0.0142	0.0000	18.6505	18.6505	5.5700e-003	0.0000	18.7675
<b>Total</b>	<b>0.0263</b>	<b>0.2845</b>	<b>0.2132</b>	<b>2.0000e-004</b>	<b>0.0903</b>	<b>0.0154</b>	<b>0.1058</b>	<b>0.0497</b>	<b>0.0142</b>	<b>0.0639</b>	<b>0.0000</b>	<b>18.6505</b>	<b>18.6505</b>	<b>5.5700e-003</b>	<b>0.0000</b>	<b>18.7675</b>

### 3.3 Site Preparation - 2015

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	5.3000e-004	5.1200e-003	1.0000e-005	8.2000e-004	1.0000e-005	8.3000e-004	2.2000e-004	1.0000e-005	2.2000e-004	0.0000	0.7479	0.7479	4.0000e-005	0.0000	0.7488
<b>Total</b>	<b>3.7000e-004</b>	<b>5.3000e-004</b>	<b>5.1200e-003</b>	<b>1.0000e-005</b>	<b>8.2000e-004</b>	<b>1.0000e-005</b>	<b>8.3000e-004</b>	<b>2.2000e-004</b>	<b>1.0000e-005</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>0.7479</b>	<b>0.7479</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.7488</b>

### 3.4 Grading - 2015

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1301	0.0000	0.1301	0.0540	0.0000	0.0540	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1016	1.1857	0.7626	9.3000e-004		0.0570	0.0570		0.0525	0.0525	0.0000	88.2633	88.2633	0.0264	0.0000	88.8167
<b>Total</b>	<b>0.1016</b>	<b>1.1857</b>	<b>0.7626</b>	<b>9.3000e-004</b>	<b>0.1301</b>	<b>0.0570</b>	<b>0.1871</b>	<b>0.0540</b>	<b>0.0525</b>	<b>0.1064</b>	<b>0.0000</b>	<b>88.2633</b>	<b>88.2633</b>	<b>0.0264</b>	<b>0.0000</b>	<b>88.8167</b>

### 3.4 Grading - 2015

#### 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	1.2400e-003	1.7500e-003	0.0171	3.0000e-005	2.7300e-003	2.0000e-005	2.7500e-003	7.3000e-004	2.0000e-005	7.5000e-004	0.0000	2.4929	2.4929	1.4000e-004	0.0000	2.4959
<b>Total</b>	<b>1.2400e-003</b>	<b>1.7500e-003</b>	<b>0.0171</b>	<b>3.0000e-005</b>	<b>2.7300e-003</b>	<b>2.0000e-005</b>	<b>2.7500e-003</b>	<b>7.3000e-004</b>	<b>2.0000e-005</b>	<b>7.5000e-004</b>	<b>0.0000</b>	<b>2.4929</b>	<b>2.4929</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>2.4959</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					0.1301	0.0000	0.1301	0.0540	0.0000	0.0540	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1016	1.1857	0.7626	9.3000e-004		0.0570	0.0570		0.0525	0.0525	0.0000	88.2632	88.2632	0.0264	0.0000	88.8166
<b>Total</b>	<b>0.1016</b>	<b>1.1857</b>	<b>0.7626</b>	<b>9.3000e-004</b>	<b>0.1301</b>	<b>0.0570</b>	<b>0.1871</b>	<b>0.0540</b>	<b>0.0525</b>	<b>0.1064</b>	<b>0.0000</b>	<b>88.2632</b>	<b>88.2632</b>	<b>0.0264</b>	<b>0.0000</b>	<b>88.8166</b>

### 3.4 Grading - 2015

#### 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	1.2400e-003	1.7500e-003	0.0171	3.0000e-005	2.7300e-003	2.0000e-005	2.7500e-003	7.3000e-004	2.0000e-005	7.5000e-004	0.0000	2.4929	2.4929	1.4000e-004	0.0000	2.4959
<b>Total</b>	<b>1.2400e-003</b>	<b>1.7500e-003</b>	<b>0.0171</b>	<b>3.0000e-005</b>	<b>2.7300e-003</b>	<b>2.0000e-005</b>	<b>2.7500e-003</b>	<b>7.3000e-004</b>	<b>2.0000e-005</b>	<b>7.5000e-004</b>	<b>0.0000</b>	<b>2.4929</b>	<b>2.4929</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>2.4959</b>

### 3.5 Building Construction - 2015

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3677	3.0180	1.8838	2.7000e-003		0.2127	0.2127		0.2000	0.2000	0.0000	245.2143	245.2143	0.0615	0.0000	246.5063
<b>Total</b>	<b>0.3677</b>	<b>3.0180</b>	<b>1.8838</b>	<b>2.7000e-003</b>		<b>0.2127</b>	<b>0.2127</b>		<b>0.2000</b>	<b>0.2000</b>	<b>0.0000</b>	<b>245.2143</b>	<b>245.2143</b>	<b>0.0615</b>	<b>0.0000</b>	<b>246.5063</b>

### 3.5 Building Construction - 2015

#### 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	0.0545	0.4732	0.5925	9.8000e-004	0.0266	7.7100e-003	0.0343	7.6300e-003	7.0800e-003	0.0147	0.0000	90.1447	90.1447	8.1000e-004	0.0000	90.1617
Worker	0.1141	0.1610	1.5653	2.9100e-003	0.2507	2.1200e-003	0.2528	0.0667	1.9400e-003	0.0686	0.0000	228.8240	228.8240	0.0130	0.0000	229.0964
<b>Total</b>	<b>0.1686</b>	<b>0.6342</b>	<b>2.1578</b>	<b>3.8900e-003</b>	<b>0.2773</b>	<b>9.8300e-003</b>	<b>0.2872</b>	<b>0.0743</b>	<b>9.0200e-003</b>	<b>0.0833</b>	<b>0.0000</b>	<b>318.9687</b>	<b>318.9687</b>	<b>0.0138</b>	<b>0.0000</b>	<b>319.2581</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	0.3677	3.0180	1.8838	2.7000e-003		0.2127	0.2127		0.2000	0.2000	0.0000	245.2140	245.2140	0.0615	0.0000	246.5060
<b>Total</b>	<b>0.3677</b>	<b>3.0180</b>	<b>1.8838</b>	<b>2.7000e-003</b>		<b>0.2127</b>	<b>0.2127</b>		<b>0.2000</b>	<b>0.2000</b>	<b>0.0000</b>	<b>245.2140</b>	<b>245.2140</b>	<b>0.0615</b>	<b>0.0000</b>	<b>246.5060</b>

**3.5 Building Construction - 2015****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	0.0545	0.4732	0.5925	9.8000e-004	0.0266	7.7100e-003	0.0343	7.6300e-003	7.0800e-003	0.0147	0.0000	90.1447	90.1447	8.1000e-004	0.0000	90.1617
Worker	0.1141	0.1610	1.5653	2.9100e-003	0.2507	2.1200e-003	0.2528	0.0667	1.9400e-003	0.0686	0.0000	228.8240	228.8240	0.0130	0.0000	229.0964
<b>Total</b>	<b>0.1686</b>	<b>0.6342</b>	<b>2.1578</b>	<b>3.8900e-003</b>	<b>0.2773</b>	<b>9.8300e-003</b>	<b>0.2872</b>	<b>0.0743</b>	<b>9.0200e-003</b>	<b>0.0833</b>	<b>0.0000</b>	<b>318.9687</b>	<b>318.9687</b>	<b>0.0138</b>	<b>0.0000</b>	<b>319.2581</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	0.1686	1.4111	0.9161	1.3300e-003		0.0974	0.0974		0.0915	0.0915	0.0000	119.8660	119.8660	0.0297	0.0000	120.4903
<b>Total</b>	<b>0.1686</b>	<b>1.4111</b>	<b>0.9161</b>	<b>1.3300e-003</b>		<b>0.0974</b>	<b>0.0974</b>		<b>0.0915</b>	<b>0.0915</b>	<b>0.0000</b>	<b>119.8660</b>	<b>119.8660</b>	<b>0.0297</b>	<b>0.0000</b>	<b>120.4903</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	0.0241	0.2027	0.2744	4.8000e-004	0.0131	3.0400e-003	0.0161	3.7600e-003	2.7900e-003	6.5500e-003	0.0000	43.8891	43.8891	3.5000e-004	0.0000	43.8965
Worker	0.0505	0.0710	0.6896	1.4300e-003	0.1235	9.9000e-004	0.1245	0.0328	9.1000e-004	0.0337	0.0000	108.8071	108.8071	5.8100e-003	0.0000	108.9292
<b>Total</b>	<b>0.0746</b>	<b>0.2736</b>	<b>0.9639</b>	<b>1.9100e-003</b>	<b>0.1366</b>	<b>4.0300e-003</b>	<b>0.1406</b>	<b>0.0366</b>	<b>3.7000e-003</b>	<b>0.0403</b>	<b>0.0000</b>	<b>152.6962</b>	<b>152.6962</b>	<b>6.1600e-003</b>	<b>0.0000</b>	<b>152.8257</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	0.1686	1.4111	0.9161	1.3300e-003		0.0974	0.0974		0.0915	0.0915	0.0000	119.8659	119.8659	0.0297	0.0000	120.4902
<b>Total</b>	<b>0.1686</b>	<b>1.4111</b>	<b>0.9161</b>	<b>1.3300e-003</b>		<b>0.0974</b>	<b>0.0974</b>		<b>0.0915</b>	<b>0.0915</b>	<b>0.0000</b>	<b>119.8659</b>	<b>119.8659</b>	<b>0.0297</b>	<b>0.0000</b>	<b>120.4902</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	0.0000
Vendor	0.0241	0.2027	0.2744	4.8000e-004	0.0131	3.0400e-003	0.0161	3.7600e-003	2.7900e-003	6.5500e-003	0.0000	43.8891	43.8891	3.5000e-004	0.0000	43.8965	
Worker	0.0505	0.0710	0.6896	1.4300e-003	0.1235	9.9000e-004	0.1245	0.0328	9.1000e-004	0.0337	0.0000	108.8071	108.8071	5.8100e-003	0.0000	108.9292	
<b>Total</b>	<b>0.0746</b>	<b>0.2736</b>	<b>0.9639</b>	<b>1.9100e-003</b>	<b>0.1366</b>	<b>4.0300e-003</b>	<b>0.1406</b>	<b>0.0366</b>	<b>3.7000e-003</b>	<b>0.0403</b>	<b>0.0000</b>	<b>152.6962</b>	<b>152.6962</b>	<b>6.1600e-003</b>	<b>0.0000</b>	<b>152.8257</b>	

### 3.6 Paving - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road	0.0209	0.2239	0.1482	2.2000e-004		0.0126	0.0126		0.0116	0.0116	0.0000	21.0138	21.0138	6.3400e-003	0.0000	21.1469	
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>0.0209</b>	<b>0.2239</b>	<b>0.1482</b>	<b>2.2000e-004</b>		<b>0.0126</b>	<b>0.0126</b>		<b>0.0116</b>	<b>0.0116</b>	<b>0.0000</b>	<b>21.0138</b>	<b>21.0138</b>	<b>6.3400e-003</b>	<b>0.0000</b>	<b>21.1469</b>	

### 3.6 Paving - 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	5.6000e-004	7.8000e-004	7.6300e-003	2.0000e-005	1.3700e-003	1.0000e-005	1.3800e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2034	1.2034	6.0000e-005	0.0000	1.2047
<b>Total</b>	<b>5.6000e-004</b>	<b>7.8000e-004</b>	<b>7.6300e-003</b>	<b>2.0000e-005</b>	<b>1.3700e-003</b>	<b>1.0000e-005</b>	<b>1.3800e-003</b>	<b>3.6000e-004</b>	<b>1.0000e-005</b>	<b>3.7000e-004</b>	<b>0.0000</b>	<b>1.2034</b>	<b>1.2034</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.2047</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	0.0209	0.2239	0.1482	2.2000e-004		0.0126	0.0126		0.0116	0.0116	0.0000	21.0138	21.0138	6.3400e-003	0.0000	21.1469
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>0.0209</b>	<b>0.2239</b>	<b>0.1482</b>	<b>2.2000e-004</b>		<b>0.0126</b>	<b>0.0126</b>		<b>0.0116</b>	<b>0.0116</b>	<b>0.0000</b>	<b>21.0138</b>	<b>21.0138</b>	<b>6.3400e-003</b>	<b>0.0000</b>	<b>21.1469</b>

### 3.6 Paving - 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	5.6000e-004	7.8000e-004	7.6300e-003	2.0000e-005	1.3700e-003	1.0000e-005	1.3800e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2034	1.2034	6.0000e-005	0.0000	1.2047
<b>Total</b>	<b>5.6000e-004</b>	<b>7.8000e-004</b>	<b>7.6300e-003</b>	<b>2.0000e-005</b>	<b>1.3700e-003</b>	<b>1.0000e-005</b>	<b>1.3800e-003</b>	<b>3.6000e-004</b>	<b>1.0000e-005</b>	<b>3.7000e-004</b>	<b>0.0000</b>	<b>1.2034</b>	<b>1.2034</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.2047</b>

### 3.7 Architectural Coating - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	5.9600					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6800e-003	0.0237	0.0188	3.0000e-005		1.9700e-003	1.9700e-003		1.9700e-003	1.9700e-003	0.0000	2.5533	2.5533	3.0000e-004	0.0000	2.5596
<b>Total</b>	<b>5.9637</b>	<b>0.0237</b>	<b>0.0188</b>	<b>3.0000e-005</b>		<b>1.9700e-003</b>	<b>1.9700e-003</b>		<b>1.9700e-003</b>	<b>1.9700e-003</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>2.5596</b>

### 3.7 Architectural Coating - 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	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	2.0500e-003	2.8800e-003	0.0280	6.0000e-005	5.0100e-003	4.0000e-005	5.0500e-003	1.3300e-003	4.0000e-005	1.3700e-003	0.0000	4.4123	4.4123	2.4000e-004	0.0000	4.4172	
<b>Total</b>	<b>2.0500e-003</b>	<b>2.8800e-003</b>	<b>0.0280</b>	<b>6.0000e-005</b>	<b>5.0100e-003</b>	<b>4.0000e-005</b>	<b>5.0500e-003</b>	<b>1.3300e-003</b>	<b>4.0000e-005</b>	<b>1.3700e-003</b>	<b>0.0000</b>	<b>4.4123</b>	<b>4.4123</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>4.4172</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	5.9600					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6800e-003	0.0237	0.0188	3.0000e-005		1.9700e-003	1.9700e-003		1.9700e-003	1.9700e-003	0.0000	2.5533	2.5533	3.0000e-004	0.0000	2.5596	
<b>Total</b>	<b>5.9637</b>	<b>0.0237</b>	<b>0.0188</b>	<b>3.0000e-005</b>		<b>1.9700e-003</b>	<b>1.9700e-003</b>		<b>1.9700e-003</b>	<b>1.9700e-003</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>2.5596</b>	

### 3.7 Architectural Coating - 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	2.0500e-003	2.8800e-003	0.0280	6.0000e-005	5.0100e-003	4.0000e-005	5.0500e-003	1.3300e-003	4.0000e-005	1.3700e-003	0.0000	4.4123	4.4123	2.4000e-004	0.0000	4.4172
<b>Total</b>	<b>2.0500e-003</b>	<b>2.8800e-003</b>	<b>0.0280</b>	<b>6.0000e-005</b>	<b>5.0100e-003</b>	<b>4.0000e-005</b>	<b>5.0500e-003</b>	<b>1.3300e-003</b>	<b>4.0000e-005</b>	<b>1.3700e-003</b>	<b>0.0000</b>	<b>4.4123</b>	<b>4.4123</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>4.4172</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	1.6395	3.4784	16.0858	0.0306	2.2094	0.0442	2.2536	0.5907	0.0407	0.6313	0.0000	2,418.9125	2,418.9125	0.1054	0.0000	2,421.1261
Unmitigated	1.6395	3.4784	16.0858	0.0306	2.2094	0.0442	2.2536	0.5907	0.0407	0.6313	0.0000	2,418.9125	2,418.9125	0.1054	0.0000	2,421.1261

### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	2,667.00	2,667.00	2667.00	5,953,720	5,953,720
Total	2,667.00	2,667.00	2,667.00	5,953,720	5,953,720

### 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	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.552322	0.058092	0.185339	0.123855	0.029634	0.004459	0.012625	0.022329	0.001774	0.001272	0.006012	0.000525	0.001763

### 5.0 Energy Detail

#### 4.4 Fleet Mix

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Historical Energy Use: N

### 5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive 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	408.0707	408.0707	0.0185	3.8200e-003	409.6416
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	408.0707	408.0707	0.0185	3.8200e-003	409.6416
NaturalGas Mitigated	0.0222	0.1893	0.0805	1.2100e-003		0.0153	0.0153		0.0153	0.0153	0.0000	219.2047	219.2047	4.2000e-003	4.0200e-003	220.5387
NaturalGas Unmitigated	0.0222	0.1893	0.0805	1.2100e-003		0.0153	0.0153		0.0153	0.0153	0.0000	219.2047	219.2047	4.2000e-003	4.0200e-003	220.5387

**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					
Apartments Low Rise	4.10774e+006	0.0222	0.1893	0.0805	1.2100e-003		0.0153	0.0153		0.0153	0.0153	0.0000	219.2047	219.2047	4.2000e-003	4.0200e-003	220.5387
<b>Total</b>		<b>0.0222</b>	<b>0.1893</b>	<b>0.0805</b>	<b>1.2100e-003</b>		<b>0.0153</b>	<b>0.0153</b>		<b>0.0153</b>	<b>0.0153</b>	<b>0.0000</b>	<b>219.2047</b>	<b>219.2047</b>	<b>4.2000e-003</b>	<b>4.0200e-003</b>	<b>220.5387</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					
Apartments Low Rise	4.10774e+006	0.0222	0.1893	0.0805	1.2100e-003		0.0153	0.0153		0.0153	0.0153	0.0000	219.2047	219.2047	4.2000e-003	4.0200e-003	220.5387
<b>Total</b>		<b>0.0222</b>	<b>0.1893</b>	<b>0.0805</b>	<b>1.2100e-003</b>		<b>0.0153</b>	<b>0.0153</b>		<b>0.0153</b>	<b>0.0153</b>	<b>0.0000</b>	<b>219.2047</b>	<b>219.2047</b>	<b>4.2000e-003</b>	<b>4.0200e-003</b>	<b>220.5387</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	1.40273e+006	408.0707	0.0185	3.8200e-003	409.6416
<b>Total</b>		<b>408.0707</b>	<b>0.0185</b>	<b>3.8200e-003</b>	<b>409.6416</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	1.40273e+006	408.0707	0.0185	3.8200e-003	409.6416
<b>Total</b>		<b>408.0707</b>	<b>0.0185</b>	<b>3.8200e-003</b>	<b>409.6416</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	2.1420	0.0386	3.2915	5.1000e-004		0.0771	0.0771		0.0770	0.0770	6.2424	14.6953	20.9377	0.0163	5.2000e-004	21.4416
Unmitigated	2.1420	0.0386	3.2915	5.1000e-004		0.0771	0.0771		0.0770	0.0770	6.2424	14.6953	20.9377	0.0163	5.2000e-004	21.4416

### 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	0.2682					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4880					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2955	5.0300e-003	0.4231	3.6000e-004		0.0616	0.0616		0.0616	0.0616	6.2424	10.0742	16.3166	0.0116	5.2000e-004	16.7216
Landscaping	0.0903	0.0336	2.8684	1.5000e-004		0.0155	0.0155		0.0155	0.0155	0.0000	4.6211	4.6211	4.7100e-003	0.0000	4.7200
<b>Total</b>	<b>2.1420</b>	<b>0.0386</b>	<b>3.2915</b>	<b>5.1000e-004</b>		<b>0.0770</b>	<b>0.0770</b>		<b>0.0770</b>	<b>0.0770</b>	<b>6.2424</b>	<b>14.6953</b>	<b>20.9377</b>	<b>0.0163</b>	<b>5.2000e-004</b>	<b>21.4416</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	0.2682					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4880					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2955	5.0300e-003	0.4231	3.6000e-004		0.0616	0.0616		0.0616	0.0616	6.2424	10.0742	16.3166	0.0116	5.2000e-004	16.7216
Landscaping	0.0903	0.0336	2.8684	1.5000e-004		0.0155	0.0155		0.0155	0.0155	0.0000	4.6211	4.6211	4.7100e-003	0.0000	4.7200
<b>Total</b>	<b>2.1420</b>	<b>0.0386</b>	<b>3.2915</b>	<b>5.1000e-004</b>		<b>0.0770</b>	<b>0.0770</b>		<b>0.0770</b>	<b>0.0770</b>	<b>6.2424</b>	<b>14.6953</b>	<b>20.9377</b>	<b>0.0163</b>	<b>5.2000e-004</b>	<b>21.4416</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	62.8853	0.8112	0.0196	85.9918
Unmitigated	62.8853	0.8114	0.0196	86.0044

## 7.2 Water by Land Use

### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	24.8237 / 15.6497	62.8853	0.8114	0.0196	86.0044
<b>Total</b>		<b>62.8853</b>	<b>0.8114</b>	<b>0.0196</b>	<b>86.0044</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	24.8237 / 15.6497	62.8853	0.8112	0.0196	85.9918
<b>Total</b>		<b>62.8853</b>	<b>0.8112</b>	<b>0.0196</b>	<b>85.9918</b>

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	35.5762	2.1025	0.0000	79.7286
Unmitigated	35.5762	2.1025	0.0000	79.7286

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	175.26	35.5762	2.1025	0.0000	79.7286
<b>Total</b>		<b>35.5762</b>	<b>2.1025</b>	<b>0.0000</b>	<b>79.7286</b>

## 8.2 Waste by Land Use

### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	175.26	35.5762	2.1025	0.0000	79.7286
<b>Total</b>		<b>35.5762</b>	<b>2.1025</b>	<b>0.0000</b>	<b>79.7286</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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