

**Dovehill Assisted Living  
Santa Clara County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Congregate Care (Assisted Living)	290.00	Dwelling Unit	3.00	242,163.00	829

**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>	2017
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	445	<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 - PG&E Current Certified Rate see <http://www.theclimateregistry.org/tools-resources/reporting-protocols/general-reporting-protocol/>

Land Use - Project info from plan sheets dated 9/02/14

Construction Phase - Based on provided schedule

Off-road Equipment - Based on provided equipment usage projections and schedule

Off-road Equipment - Based on provided equipment usage projections and schedule

Off-road Equipment - Based on provided equipment usage projections and schedule

Off-road Equipment - Based on provided equipment usage projections and schedule - assume forklift and welders are diesel

Off-road Equipment - Based on provided equipment usage projections and schedule - assume compressor is diesel

Off-road Equipment - Based on provided equipment usage projections and schedule

Off-road Equipment - Based on provided equipment usage projections and schedule

Grading - Adjusted acreage up for multiple pass overs

Demolition - Based on provided equipment usage projections and schedule

Trips and VMT - Added cement and asphalt trips - set trip length to 0.5 mi for on- and near-site travel only

Architectural Coating -

Vehicle Trips -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	85.00
tblConstructionPhase	NumDays	220.00	90.00
tblConstructionPhase	NumDays	20.00	7.00
tblConstructionPhase	NumDays	6.00	7.00
tblConstructionPhase	NumDays	10.00	21.00
tblConstructionPhase	NumDays	3.00	7.00
tblConstructionPhase	PhaseEndDate	3/2/2017	4/12/2017
tblConstructionPhase	PhaseEndDate	10/24/2016	11/3/2016
tblConstructionPhase	PhaseEndDate	5/4/2016	5/10/2016
tblConstructionPhase	PhaseEndDate	5/11/2017	4/12/2017
tblConstructionPhase	PhaseEndDate	4/1/2016	4/25/2016
tblConstructionPhase	PhaseEndDate	5/16/2016	6/20/2016
tblConstructionPhase	PhaseStartDate	11/4/2016	12/15/2016
tblConstructionPhase	PhaseStartDate	6/21/2016	7/1/2016
tblConstructionPhase	PhaseStartDate	4/26/2016	5/1/2016



## 2.0 Emissions Summary

### 2.1 Overall Construction

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.3451	0.5008	0.6427	5.6000e-004	0.0335	0.0329	0.0664	0.0138	0.0309	0.0447	0.0000	48.4430	48.4430	0.0114	0.0000	48.6816
2017	1.4850	0.1300	0.1233	1.7000e-004	6.1000e-004	9.2700e-003	9.8800e-003	1.7000e-004	9.0300e-003	9.2000e-003	0.0000	15.0802	15.0802	2.5400e-003	0.0000	15.1336
<b>Total</b>	<b>1.8301</b>	<b>0.6308</b>	<b>0.7660</b>	<b>7.3000e-004</b>	<b>0.0341</b>	<b>0.0422</b>	<b>0.0763</b>	<b>0.0139</b>	<b>0.0399</b>	<b>0.0539</b>	<b>0.0000</b>	<b>63.5233</b>	<b>63.5233</b>	<b>0.0139</b>	<b>0.0000</b>	<b>63.8152</b>

#### Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.3451	0.5008	0.6427	5.6000e-004	0.0335	0.0329	0.0664	0.0138	0.0309	0.0447	0.0000	48.4430	48.4430	0.0114	0.0000	48.6816
2017	1.4850	0.1300	0.1233	1.7000e-004	6.1000e-004	9.2700e-003	9.8800e-003	1.7000e-004	9.0300e-003	9.2000e-003	0.0000	15.0802	15.0802	2.5400e-003	0.0000	15.1336
<b>Total</b>	<b>1.8301</b>	<b>0.6308</b>	<b>0.7660</b>	<b>7.3000e-004</b>	<b>0.0341</b>	<b>0.0422</b>	<b>0.0763</b>	<b>0.0139</b>	<b>0.0399</b>	<b>0.0539</b>	<b>0.0000</b>	<b>63.5232</b>	<b>63.5232</b>	<b>0.0139</b>	<b>0.0000</b>	<b>63.8151</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
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	3/15/2016	3/23/2016	5	7	
2	Site Preparation	Site Preparation	4/15/2016	4/25/2016	5	7	
3	Grading	Grading	5/1/2016	5/10/2016	5	7	
4	Trenching/utilities	Trenching	6/15/2016	6/20/2016	5	4	
5	Building Construction	Building Construction	7/1/2016	11/3/2016	5	90	
6	Building Interior	Architectural Coating	12/15/2016	4/12/2017	5	85	
7	Paving	Paving	3/15/2017	4/12/2017	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 490,380; Residential Outdoor: 163,460; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating)

### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Interior	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	0	6.00	9	0.56

Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	1	8.00	162	0.38
Building Construction	Cranes	0	7.00	226	0.29
Building Construction	Forklifts	1	8.00	89	0.20
Grading	Excavators	0	8.00	162	0.38
Paving	Pavers	0	8.00	125	0.42
Paving	Rollers	1	6.00	80	0.38
Demolition	Rubber Tired Dozers	0	8.00	255	0.40
Grading	Rubber Tired Dozers	0	8.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Generator Sets	0	8.00	84	0.74
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	1	6.00	130	0.36
Site Preparation	Rubber Tired Dozers	1	8.00	255	0.40
Building Construction	Welders	1	8.00	46	0.45
Trenching/utilities	Excavators	1	8.00	162	0.38
Trenching/utilities	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	1	3.00	0.00	25.00	0.50	0.50	0.50	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	0.50	0.50	0.50	LD_Mix	HDT_Mix	HHDT
Grading	2	5.00	0.00	0.00	0.50	0.50	0.50	LD_Mix	HDT_Mix	HHDT
Building Construction	3	209.00	31.00	493.00	0.50	0.50	0.50	LD_Mix	HDT_Mix	HHDT
Paving	2	5.00	0.00	74.00	0.50	0.50	0.50	LD_Mix	HDT_Mix	HHDT
Building Interior	1	42.00	0.00	0.00	0.50	0.50	0.50	LD_Mix	HDT_Mix	HHDT
Trenching/utilities	2	5.00	0.00	0.00	0.50	0.50	0.50	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

### 3.2 Demolition - 2016

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7100e-003	0.0000	2.7100e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3600e-003	0.0155	0.0120	2.0000e-005		7.6000e-004	7.6000e-004		7.0000e-004	7.0000e-004	0.0000	1.7461	1.7461	5.3000e-004	0.0000	1.7571
<b>Total</b>	<b>1.3600e-003</b>	<b>0.0155</b>	<b>0.0120</b>	<b>2.0000e-005</b>	<b>2.7100e-003</b>	<b>7.6000e-004</b>	<b>3.4700e-003</b>	<b>4.1000e-004</b>	<b>7.0000e-004</b>	<b>1.1100e-003</b>	<b>0.0000</b>	<b>1.7461</b>	<b>1.7461</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>1.7571</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	3.6000e-004	2.0900e-003	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0409	0.0409	0.0000	0.0000	0.0410
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	3.0000e-005	1.0000e-005	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.4700e-003	5.4700e-003	0.0000	0.0000	5.4800e-003
<b>Total</b>	<b>1.6000e-004</b>	<b>3.7000e-004</b>	<b>2.1900e-003</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0464</b>	<b>0.0464</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0464</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					2.7100e-003	0.0000	2.7100e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3600e-003	0.0155	0.0120	2.0000e-005		7.6000e-004	7.6000e-004		7.0000e-004	7.0000e-004	0.0000	1.7461	1.7461	5.3000e-004	0.0000	1.7571
<b>Total</b>	<b>1.3600e-003</b>	<b>0.0155</b>	<b>0.0120</b>	<b>2.0000e-005</b>	<b>2.7100e-003</b>	<b>7.6000e-004</b>	<b>3.4700e-003</b>	<b>4.1000e-004</b>	<b>7.0000e-004</b>	<b>1.1100e-003</b>	<b>0.0000</b>	<b>1.7461</b>	<b>1.7461</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>1.7571</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	3.6000e-004	2.0900e-003	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0409	0.0409	0.0000	0.0000	0.0410
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	3.0000e-005	1.0000e-005	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.4700e-003	5.4700e-003	0.0000	0.0000	5.4800e-003
<b>Total</b>	<b>1.6000e-004</b>	<b>3.7000e-004</b>	<b>2.1900e-003</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0464</b>	<b>0.0464</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0464</b>

**3.3 Site Preparation - 2016**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0211	0.0000	0.0211	0.0116	0.0000	0.0116	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5300e-003	0.0599	0.0451	4.0000e-005		3.1400e-003	3.1400e-003		2.8900e-003	2.8900e-003	0.0000	3.9598	3.9598	1.1900e-003	0.0000	3.9848
<b>Total</b>	<b>5.5300e-003</b>	<b>0.0599</b>	<b>0.0451</b>	<b>4.0000e-005</b>	<b>0.0211</b>	<b>3.1400e-003</b>	<b>0.0242</b>	<b>0.0116</b>	<b>2.8900e-003</b>	<b>0.0145</b>	<b>0.0000</b>	<b>3.9598</b>	<b>3.9598</b>	<b>1.1900e-003</b>	<b>0.0000</b>	<b>3.9848</b>

**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	1.0000e-005	1.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	9.1200e-003	9.1200e-003	0.0000	0.0000	9.1300e-003
<b>Total</b>	<b>5.0000e-005</b>	<b>1.0000e-005</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.1200e-003</b>	<b>9.1200e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.1300e-003</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					0.0211	0.0000	0.0211	0.0116	0.0000	0.0116	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5300e-003	0.0599	0.0451	4.0000e-005		3.1400e-003	3.1400e-003		2.8900e-003	2.8900e-003	0.0000	3.9598	3.9598	1.1900e-003	0.0000	3.9848
<b>Total</b>	<b>5.5300e-003</b>	<b>0.0599</b>	<b>0.0451</b>	<b>4.0000e-005</b>	<b>0.0211</b>	<b>3.1400e-003</b>	<b>0.0242</b>	<b>0.0116</b>	<b>2.8900e-003</b>	<b>0.0145</b>	<b>0.0000</b>	<b>3.9598</b>	<b>3.9598</b>	<b>1.1900e-003</b>	<b>0.0000</b>	<b>3.9848</b>

**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	1.0000e-005	1.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	9.1200e-003	9.1200e-003	0.0000	0.0000	9.1300e-003
<b>Total</b>	<b>5.0000e-005</b>	<b>1.0000e-005</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.1200e-003</b>	<b>9.1200e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.1300e-003</b>

**3.4 Grading - 2016**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7600e-003	0.0477	0.0257	3.0000e-005		2.9200e-003	2.9200e-003		2.6800e-003	2.6800e-003	0.0000	3.0897	3.0897	9.3000e-004	0.0000	3.1093
<b>Total</b>	<b>4.7600e-003</b>	<b>0.0477</b>	<b>0.0257</b>	<b>3.0000e-005</b>	<b>5.3000e-003</b>	<b>2.9200e-003</b>	<b>8.2200e-003</b>	<b>5.7000e-004</b>	<b>2.6800e-003</b>	<b>3.2500e-003</b>	<b>0.0000</b>	<b>3.0897</b>	<b>3.0897</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>3.1093</b>

**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	1.0000e-005	1.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	9.1200e-003	9.1200e-003	0.0000	0.0000	9.1300e-003
<b>Total</b>	<b>5.0000e-005</b>	<b>1.0000e-005</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.1200e-003</b>	<b>9.1200e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.1300e-003</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					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7600e-003	0.0477	0.0257	3.0000e-005		2.9200e-003	2.9200e-003		2.6800e-003	2.6800e-003	0.0000	3.0897	3.0897	9.3000e-004	0.0000	3.1093
<b>Total</b>	<b>4.7600e-003</b>	<b>0.0477</b>	<b>0.0257</b>	<b>3.0000e-005</b>	<b>5.3000e-003</b>	<b>2.9200e-003</b>	<b>8.2200e-003</b>	<b>5.7000e-004</b>	<b>2.6800e-003</b>	<b>3.2500e-003</b>	<b>0.0000</b>	<b>3.0897</b>	<b>3.0897</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>3.1093</b>

**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	1.0000e-005	1.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	9.1200e-003	9.1200e-003	0.0000	0.0000	9.1300e-003
<b>Total</b>	<b>5.0000e-005</b>	<b>1.0000e-005</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.1200e-003</b>	<b>9.1200e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.1300e-003</b>

**3.5 Trenching/utilities - 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	1.4600e-003	0.0154	0.0117	2.0000e-005		9.4000e-004	9.4000e-004		8.6000e-004	8.6000e-004	0.0000	1.5850	1.5850	4.8000e-004	0.0000	1.5951
<b>Total</b>	<b>1.4600e-003</b>	<b>0.0154</b>	<b>0.0117</b>	<b>2.0000e-005</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>		<b>8.6000e-004</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>1.5850</b>	<b>1.5850</b>	<b>4.8000e-004</b>	<b>0.0000</b>	<b>1.5951</b>

**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	3.0000e-005	1.0000e-005	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.2100e-003	5.2100e-003	0.0000	0.0000	5.2200e-003
<b>Total</b>	<b>3.0000e-005</b>	<b>1.0000e-005</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>0.0000</b>	<b>0.0000</b>	<b>5.2100e-003</b>	<b>5.2100e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>5.2200e-003</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	1.4600e-003	0.0154	0.0117	2.0000e-005		9.4000e-004	9.4000e-004		8.6000e-004	8.6000e-004	0.0000	1.5850	1.5850	4.8000e-004	0.0000	1.5951
<b>Total</b>	<b>1.4600e-003</b>	<b>0.0154</b>	<b>0.0117</b>	<b>2.0000e-005</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>		<b>8.6000e-004</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>1.5850</b>	<b>1.5850</b>	<b>4.8000e-004</b>	<b>0.0000</b>	<b>1.5951</b>

**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	3.0000e-005	1.0000e-005	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.2100e-003	5.2100e-003	0.0000	0.0000	5.2200e-003
<b>Total</b>	<b>3.0000e-005</b>	<b>1.0000e-005</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>0.0000</b>	<b>0.0000</b>	<b>5.2100e-003</b>	<b>5.2100e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>5.2200e-003</b>

**3.6 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	0.0489	0.2972	0.2405	3.1000e-004		0.0236	0.0236		0.0222	0.0222	0.0000	26.5114	26.5114	7.5000e-003	0.0000	26.6688
<b>Total</b>	<b>0.0489</b>	<b>0.2972</b>	<b>0.2405</b>	<b>3.1000e-004</b>		<b>0.0236</b>	<b>0.0236</b>		<b>0.0222</b>	<b>0.0222</b>	<b>0.0000</b>	<b>26.5114</b>	<b>26.5114</b>	<b>7.5000e-003</b>	<b>0.0000</b>	<b>26.6688</b>

**Unmitigated Construction Off-Site**



	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.6200e-003	7.0800e-003	0.0412	1.0000e-005	1.1000e-004	4.0000e-005	1.5000e-004	3.0000e-005	4.0000e-005	7.0000e-005	0.0000	0.8074	0.8074	1.0000e-005	0.0000	0.8077
Vendor	0.0117	0.0364	0.1591	5.0000e-005	6.5000e-004	2.4000e-004	8.9000e-004	1.9000e-004	2.2000e-004	4.1000e-004	0.0000	4.1110	4.1110	6.0000e-005	0.0000	4.1123
Worker	0.0249	6.8400e-003	0.0910	7.0000e-005	3.5400e-003	1.0000e-004	3.6400e-003	9.5000e-004	9.0000e-005	1.0500e-003	0.0000	4.8996	4.8996	4.6000e-004	0.0000	4.9093
<b>Total</b>	<b>0.0393</b>	<b>0.0503</b>	<b>0.2914</b>	<b>1.3000e-004</b>	<b>4.3000e-003</b>	<b>3.8000e-004</b>	<b>4.6800e-003</b>	<b>1.1700e-003</b>	<b>3.5000e-004</b>	<b>1.5300e-003</b>	<b>0.0000</b>	<b>9.8180</b>	<b>9.8180</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>9.8293</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	0.0489	0.2972	0.2405	3.1000e-004		0.0236	0.0236		0.0222	0.0222	0.0000	26.5113	26.5113	7.5000e-003	0.0000	26.6688
<b>Total</b>	<b>0.0489</b>	<b>0.2972</b>	<b>0.2405</b>	<b>3.1000e-004</b>		<b>0.0236</b>	<b>0.0236</b>		<b>0.0222</b>	<b>0.0222</b>	<b>0.0000</b>	<b>26.5113</b>	<b>26.5113</b>	<b>7.5000e-003</b>	<b>0.0000</b>	<b>26.6688</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.6200e-003	7.0800e-003	0.0412	1.0000e-005	1.1000e-004	4.0000e-005	1.5000e-004	3.0000e-005	4.0000e-005	7.0000e-005	0.0000	0.8074	0.8074	1.0000e-005	0.0000	0.8077
Vendor	0.0117	0.0364	0.1591	5.0000e-005	6.5000e-004	2.4000e-004	8.9000e-004	1.9000e-004	2.2000e-004	4.1000e-004	0.0000	4.1110	4.1110	6.0000e-005	0.0000	4.1123
Worker	0.0249	6.8400e-003	0.0910	7.0000e-005	3.5400e-003	1.0000e-004	3.6400e-003	9.5000e-004	9.0000e-005	1.0500e-003	0.0000	4.8996	4.8996	4.6000e-004	0.0000	4.9093
<b>Total</b>	<b>0.0393</b>	<b>0.0503</b>	<b>0.2914</b>	<b>1.3000e-004</b>	<b>4.3000e-003</b>	<b>3.8000e-004</b>	<b>4.6800e-003</b>	<b>1.1700e-003</b>	<b>3.5000e-004</b>	<b>1.5300e-003</b>	<b>0.0000</b>	<b>9.8180</b>	<b>9.8180</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>9.8293</b>

**3.7 Building Interior - 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	0.2407					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2100e-003	0.0142	0.0113	2.0000e-005		1.1800e-003	1.1800e-003		1.1800e-003	1.1800e-003	0.0000	1.5320	1.5320	1.8000e-004	0.0000	1.5358
<b>Total</b>	<b>0.2429</b>	<b>0.0142</b>	<b>0.0113</b>	<b>2.0000e-005</b>		<b>1.1800e-003</b>	<b>1.1800e-003</b>		<b>1.1800e-003</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>1.5320</b>	<b>1.5320</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>1.5358</b>

**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	6.7000e-004	1.8000e-004	2.4400e-003	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1313	0.1313	1.0000e-005	0.0000	0.1315
<b>Total</b>	<b>6.7000e-004</b>	<b>1.8000e-004</b>	<b>2.4400e-003</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.1313</b>	<b>0.1313</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1315</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	0.2407					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2100e-003	0.0142	0.0113	2.0000e-005		1.1800e-003	1.1800e-003		1.1800e-003	1.1800e-003	0.0000	1.5320	1.5320	1.8000e-004	0.0000	1.5357
<b>Total</b>	<b>0.2429</b>	<b>0.0142</b>	<b>0.0113</b>	<b>2.0000e-005</b>		<b>1.1800e-003</b>	<b>1.1800e-003</b>		<b>1.1800e-003</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>1.5320</b>	<b>1.5320</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>1.5357</b>

**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	6.7000e-004	1.8000e-004	2.4400e-003	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1313	0.1313	1.0000e-005	0.0000	0.1315
<b>Total</b>	<b>6.7000e-004</b>	<b>1.8000e-004</b>	<b>2.4400e-003</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.1313</b>	<b>0.1313</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1315</b>

**3.7 Building Interior - 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	1.4640					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0121	0.0798	0.0682	1.1000e-004		6.3300e-003	6.3300e-003		6.3300e-003	6.3300e-003	0.0000	9.3194	9.3194	9.8000e-004	0.0000	9.3400
<b>Total</b>	<b>1.4762</b>	<b>0.0798</b>	<b>0.0682</b>	<b>1.1000e-004</b>		<b>6.3300e-003</b>	<b>6.3300e-003</b>		<b>6.3300e-003</b>	<b>6.3300e-003</b>	<b>0.0000</b>	<b>9.3194</b>	<b>9.3194</b>	<b>9.8000e-004</b>	<b>0.0000</b>	<b>9.3400</b>

**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	3.7500e-003	9.9000e-004	0.0133	1.0000e-005	5.8000e-004	2.0000e-005	5.9000e-004	1.6000e-004	2.0000e-005	1.7000e-004	0.0000	0.7684	0.7684	7.0000e-005	0.0000	0.7698
<b>Total</b>	<b>3.7500e-003</b>	<b>9.9000e-004</b>	<b>0.0133</b>	<b>1.0000e-005</b>	<b>5.8000e-004</b>	<b>2.0000e-005</b>	<b>5.9000e-004</b>	<b>1.6000e-004</b>	<b>2.0000e-005</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.7684</b>	<b>0.7684</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.7698</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	1.4640					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0121	0.0798	0.0682	1.1000e-004		6.3300e-003	6.3300e-003		6.3300e-003	6.3300e-003	0.0000	9.3194	9.3194	9.8000e-004	0.0000	9.3400
<b>Total</b>	<b>1.4762</b>	<b>0.0798</b>	<b>0.0682</b>	<b>1.1000e-004</b>		<b>6.3300e-003</b>	<b>6.3300e-003</b>		<b>6.3300e-003</b>	<b>6.3300e-003</b>	<b>0.0000</b>	<b>9.3194</b>	<b>9.3194</b>	<b>9.8000e-004</b>	<b>0.0000</b>	<b>9.3400</b>

**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	3.7500e-003	9.9000e-004	0.0133	1.0000e-005	5.8000e-004	2.0000e-005	5.9000e-004	1.6000e-004	2.0000e-005	1.7000e-004	0.0000	0.7684	0.7684	7.0000e-005	0.0000	0.7698
<b>Total</b>	<b>3.7500e-003</b>	<b>9.9000e-004</b>	<b>0.0133</b>	<b>1.0000e-005</b>	<b>5.8000e-004</b>	<b>2.0000e-005</b>	<b>5.9000e-004</b>	<b>1.6000e-004</b>	<b>2.0000e-005</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.7684</b>	<b>0.7684</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.7698</b>

**3.8 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	4.6700e-003	0.0482	0.0357	5.0000e-005		2.9200e-003	2.9200e-003		2.6900e-003	2.6900e-003	0.0000	4.8474	4.8474	1.4900e-003	0.0000	4.8786
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>4.6700e-003</b>	<b>0.0482</b>	<b>0.0357</b>	<b>5.0000e-005</b>		<b>2.9200e-003</b>	<b>2.9200e-003</b>		<b>2.6900e-003</b>	<b>2.6900e-003</b>	<b>0.0000</b>	<b>4.8474</b>	<b>4.8474</b>	<b>1.4900e-003</b>	<b>0.0000</b>	<b>4.8786</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.3000e-004	9.9000e-004	5.7000e-003	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.1188	0.1188	0.0000	0.0000	0.1188
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	1.3000e-004	3.0000e-005	4.6000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0263	0.0263	0.0000	0.0000	0.0264
<b>Total</b>	<b>4.6000e-004</b>	<b>1.0200e-003</b>	<b>6.1600e-003</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.1451</b>	<b>0.1451</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1452</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	4.6700e-003	0.0482	0.0357	5.0000e-005		2.9200e-003	2.9200e-003		2.6900e-003	2.6900e-003	0.0000	4.8474	4.8474	1.4900e-003	0.0000	4.8786
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>4.6700e-003</b>	<b>0.0482</b>	<b>0.0357</b>	<b>5.0000e-005</b>		<b>2.9200e-003</b>	<b>2.9200e-003</b>		<b>2.6900e-003</b>	<b>2.6900e-003</b>	<b>0.0000</b>	<b>4.8474</b>	<b>4.8474</b>	<b>1.4900e-003</b>	<b>0.0000</b>	<b>4.8786</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.3000e-004	9.9000e-004	5.7000e-003	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.1188	0.1188	0.0000	0.0000	0.1188
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	1.3000e-004	3.0000e-005	4.6000e-004	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0263	0.0263	0.0000	0.0000	0.0264
<b>Total</b>	<b>4.6000e-004</b>	<b>1.0200e-003</b>	<b>6.1600e-003</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.1451</b>	<b>0.1451</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1452</b>

<b>Project Name: Dove Hill Assisted Living Community</b>					
<b>Construction Phase</b>	<b>Equipment (See next page for example of commonly used equipment)</b>	<b>Quantity</b>	<b>Average Hours Used Per Day</b>	<b>How Many Work Days</b>	<b>Fuel Type - if other than Diesel</b>
<b>Demolition</b>  <b>Start Date:</b> <u>March 2016</u> <b>End Date:</b> <u>March 2016</u>	<ul style="list-style-type: none"> <li>• Excavator</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> </ul>	1	8	7	Diesel
<b>Site Preparation</b>  <b>Start Date:</b> : <u>April 2016</u> <b>End Date:</b> : <u>April 2016</u>	<ul style="list-style-type: none"> <li>• Rubber Tired Dozers</li> <li>• Tractors / Loaders / Backhoes</li> <li>•</li> <li>•</li> <li>•</li> </ul>	1	8	7	Diesel
		1	8	7	Diesel
<b>Grading/Excavation</b>  <b>Start Date:</b> : <u>May 2016</u> <b>End Date:</b> : <u>May 2016</u>	<ul style="list-style-type: none"> <li>• Graders</li> <li>• Tractors / Loaders / Backhoes</li> <li>•</li> <li>•</li> <li>•</li> </ul>	1	8	7	Diesel
		1	8	7	Diesel
<b>Trenching</b>  <b>Start Date:</b> : <u>June 2016</u> <b>End Date:</b> : <u>June 2016</u>	<ul style="list-style-type: none"> <li>• Excavator</li> <li>• Tractors / Loaders / Backhoes</li> <li>•</li> <li>•</li> <li>•</li> </ul>	1	8	4	Diesel
		1	8	4	Diesel
<b>Building – Exterior</b>  <b>Start Date:</b> : <u>July 2016</u> <b>End Date:</b> : <u>Jan 2017</u>	<ul style="list-style-type: none"> <li>• Forklift</li> <li>• Tractors / Loaders / Backhoes</li> <li>• Welders</li> <li>•</li> <li>•</li> </ul>	1	8	75	Electric
		1	8	2	Diesel
		1	8	13	Electric
<b>Building – Interior/ Architectural Coating</b>	<ul style="list-style-type: none"> <li>• Air Compressors</li> <li>•</li> <li>•</li> </ul>	1	8	85	Electric

Project Name: Dove Hill Assisted Living Community					
Construction Phase	Equipment (See next page for example of commonly used equipment)	Quantity	Average Hours Used Per Day	How Many Work Days	Fuel Type - if other than Diesel
Start Date: Dec 2016 End Date: May 2017	• •				
Paving  Start Date: March 2017 End Date: May 2017	• Paving Equipment	1	8	14	Diesel
	• Rollers	1	8	21	Diesel
	•				
	•				
<b>OTHER – Provide as Applicable</b>					
Soil Hauling Volume	Export volume = <input type="text"/> cubic yards? – <b>Balance Site</b> Import volume = <input type="text"/> cubic yards?				
Demolition Volume	Square footage of buildings to be demolished, or total tons to be hauled. = <input type="text"/> 5500 square feet or = <input type="text"/> hauling volume (tons) Pavement demolished and hauled – <b>pavement demolished – 8500 sq.ft</b> = <input type="text"/> tons				
Power	Line Power (Y/N) <input type="text"/> y <input type="text"/> or Generator use (Y/N) <input type="text"/> n <input type="text"/> ? If generator use, then fuel type (diesel/gasoline/propane) <input type="text"/> n/a <input type="text"/>				
Cement	Cement Trucks = <input type="text"/> Total Round-Trips OR Cement = 2,222 cubic yards				
Asphalt	332 cy or <input type="text"/> round trips				

Example of Equipment Commonly Used for Each Construction Phase
<b>Demolition</b>
Concrete/Industrial Saws
Excavators
Rubber-Tired Dozers
<b>Site Preparation</b>
Rubber Tired Dozers
Tractors/Loaders/Backhoes
<b>Grading / Excavation</b>
Excavators
Graders
Scrapers
Rubber Tired Dozers
Tractors/Loaders/Backhoes
<b>Trenching</b>
Excavator

Tractor/Loader/Backhoe
<b>Building - Exterior</b>
Cranes
Forklifts
Generator Sets
Tractors/Loaders/Backhoes
Welders
<b>Building – Interior/ Architectural Coating</b>
Air Compressors
Aerial Lift
<b>Paving</b>
Cement and Mortar Mixers
Pavers
Paving Equipment
Rollers
Tractors/Loaders/Backhoes