

**East Dunne Park  
Santa Clara County, Summer Construction**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric
Single Family Housing	19	Dwelling Unit
Condo/Townhouse	4	Dwelling Unit

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>		<b>Utility Company</b>	Pacific Gas & Electric Company
<b>Climate Zone</b>	4		2.2		
		<b>Precipitation Freq (Days)</b>			
			58		

**1.3 User Entered Comments**

- Land Use - Lot acreage per Site Plan
- Construction Phase - Construction schedule per project applicant
- Off-road Equipment - Construction equipment specifications per project applicant
- Off-road Equipment - Diesel-fueled construction equipment load factors reduced 33% to account for offroad emission overestimation
- Source - California Air Resources Board. 2010. "Staff Report: Proposed Amendment to the Regulation for In-Use Offroad Diesel-Fueled Fleets and the OFFROAD Large Spark-Ignition Fleet Requirements." October 2010.
- Trips and VMT - The number of rock and asphalt hauling trips per project applicant
- Architectural Coating - BAAQMD Regulation 8, Rule 3, Architectural Coatings

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### 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	lb/day										lb/day					
2014	33.30	51.25	25.23	0.07	1.50	2.02	2.64	0.02	2.02	2.02	0.00	7,278.81	0.00	0.57	0.00	7,290.78
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

#### 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	lb/day										lb/day					
2014	33.30	51.25	25.23	0.07	1.27	2.02	2.59	0.02	2.02	2.02	0.00	7,278.81	0.00	0.57	0.00	7,290.78
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

### 3.0 Construction Detail

#### 3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

#### 3.2 Demolition - 2014

##### 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	lb/day										lb/day					
Fugitive Dust					0.41	0.00	0.41	0.00	0.00	0.00						0.00
Off-Road	3.50	26.52	13.98	0.04		1.12	1.12		1.12	1.12		4,202.23		0.31		4,208.72
<b>Total</b>	<b>3.50</b>	<b>26.52</b>	<b>13.98</b>	<b>0.04</b>	<b>0.41</b>	<b>1.12</b>	<b>1.53</b>	<b>0.00</b>	<b>1.12</b>	<b>1.12</b>		<b>4,202.23</b>		<b>0.31</b>		<b>4,208.72</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	lb/day										lb/day					
Hauling	0.08	0.84	0.45	0.00	0.94	0.03	0.96	0.01	0.03	0.03		156.39		0.00		156.47
Vendor	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
Worker	0.08	0.07	0.80	0.00	0.15	0.00	0.15	0.01	0.00	0.01		120.65		0.01		120.81
<b>Total</b>	<b>0.16</b>	<b>0.91</b>	<b>1.25</b>	<b>0.00</b>	<b>1.09</b>	<b>0.03</b>	<b>1.11</b>	<b>0.02</b>	<b>0.03</b>	<b>0.04</b>		<b>277.04</b>		<b>0.01</b>		<b>277.28</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	lb/day										lb/day					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	3.50	26.52	13.98	0.04		1.12	1.12		1.12	1.12	0.00	4,202.23		0.31		4,208.72
<b>Total</b>	<b>3.50</b>	<b>26.52</b>	<b>13.98</b>	<b>0.04</b>	<b>0.18</b>	<b>1.12</b>	<b>1.30</b>	<b>0.00</b>	<b>1.12</b>	<b>1.12</b>	<b>0.00</b>	<b>4,202.23</b>		<b>0.31</b>		<b>4,208.72</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	lb/day										lb/day					
Hauling	0.08	0.84	0.45	0.00	0.94	0.03	0.96	0.01	0.03	0.03		156.39		0.00		156.47
Vendor	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
Worker	0.08	0.07	0.80	0.00	0.15	0.00	0.15	0.01	0.00	0.01		120.65		0.01		120.81
<b>Total</b>	<b>0.16</b>	<b>0.91</b>	<b>1.25</b>	<b>0.00</b>	<b>1.09</b>	<b>0.03</b>	<b>1.11</b>	<b>0.02</b>	<b>0.03</b>	<b>0.04</b>		<b>277.04</b>		<b>0.01</b>		<b>277.28</b>

### 3.3 Grading - 2014

#### 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	lb/day										lb/day						
Fugitive Dust					0.26	0.00	0.26	0.00	0.00	0.00							0.00
Off-Road	6.27	51.14	22.93	0.06		2.01	2.01		2.01	2.01		7,097.84		0.56			7,109.57
<b>Total</b>	<b>6.27</b>	<b>51.14</b>	<b>22.93</b>	<b>0.06</b>	<b>0.26</b>	<b>2.01</b>	<b>2.27</b>	<b>0.00</b>	<b>2.01</b>	<b>2.01</b>		<b>7,097.84</b>		<b>0.56</b>			<b>7,109.57</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	lb/day										lb/day						
Hauling	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
Vendor	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
Worker	0.12	0.11	1.21	0.00	0.22	0.01	0.23	0.01	0.01	0.02		180.97		0.01			181.21
<b>Total</b>	<b>0.12</b>	<b>0.11</b>	<b>1.21</b>	<b>0.00</b>	<b>0.22</b>	<b>0.01</b>	<b>0.23</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>180.97</b>		<b>0.01</b>			<b>181.21</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	lb/day										lb/day						
Fugitive Dust					0.12	0.00	0.12	0.00	0.00	0.00							0.00
Off-Road	6.27	51.14	22.93	0.06		2.01	2.01		2.01	2.01	0.00	7,097.84		0.56			7,109.57
<b>Total</b>	<b>6.27</b>	<b>51.14</b>	<b>22.93</b>	<b>0.06</b>	<b>0.12</b>	<b>2.01</b>	<b>2.13</b>	<b>0.00</b>	<b>2.01</b>	<b>2.01</b>	<b>0.00</b>	<b>7,097.84</b>		<b>0.56</b>			<b>7,109.57</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	lb/day										lb/day						
Hauling	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
Vendor	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
Worker	0.12	0.11	1.21	0.00	0.22	0.01	0.23	0.01	0.01	0.02		180.97		0.01			181.21
<b>Total</b>	<b>0.12</b>	<b>0.11</b>	<b>1.21</b>	<b>0.00</b>	<b>0.22</b>	<b>0.01</b>	<b>0.23</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>180.97</b>		<b>0.01</b>			<b>181.21</b>

**3.4 Wet Utility Installation - 2014**

**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	lb/day										lb/day						
Off-Road	5.14	37.92	23.26	0.05		1.91	1.91		1.91	1.91		5,649.03		0.46			5,658.59
<b>Total</b>	<b>5.14</b>	<b>37.92</b>	<b>23.26</b>	<b>0.05</b>		<b>1.91</b>	<b>1.91</b>		<b>1.91</b>	<b>1.91</b>		<b>5,649.03</b>		<b>0.46</b>			<b>5,658.59</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	lb/day										lb/day					
Hauling	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
Vendor	0.05	0.56	0.36	0.00	0.07	0.02	0.09	0.00	0.02	0.02		108.02		0.00		108.07
Worker	0.16	0.14	1.61	0.00	0.59	0.01	0.60	0.01	0.01	0.02		241.29		0.02		241.62
<b>Total</b>	<b>0.21</b>	<b>0.70</b>	<b>1.97</b>	<b>0.00</b>	<b>0.66</b>	<b>0.03</b>	<b>0.69</b>	<b>0.01</b>	<b>0.03</b>	<b>0.04</b>		<b>349.31</b>		<b>0.02</b>		<b>349.69</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	lb/day										lb/day					
Off-Road	5.14	37.92	23.26	0.05		1.91	1.91		1.91	1.91	0.00	5,649.03		0.46		5,658.59
<b>Total</b>	<b>5.14</b>	<b>37.92</b>	<b>23.26</b>	<b>0.05</b>		<b>1.91</b>	<b>1.91</b>		<b>1.91</b>	<b>1.91</b>	<b>0.00</b>	<b>5,649.03</b>		<b>0.46</b>		<b>5,658.59</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	lb/day										lb/day					
Hauling	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
Vendor	0.05	0.56	0.36	0.00	0.07	0.02	0.09	0.00	0.02	0.02		108.02		0.00		108.07
Worker	0.16	0.14	1.61	0.00	0.59	0.01	0.60	0.01	0.01	0.02		241.29		0.02		241.62
<b>Total</b>	<b>0.21</b>	<b>0.70</b>	<b>1.97</b>	<b>0.00</b>	<b>0.66</b>	<b>0.03</b>	<b>0.69</b>	<b>0.01</b>	<b>0.03</b>	<b>0.04</b>		<b>349.31</b>		<b>0.02</b>		<b>349.69</b>

**3.5 Dry Utility Intstallation - 2014**

**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	lb/day										lb/day					
Off-Road	4.59	32.41	17.39	0.04		1.84	1.84		1.84	1.84		4,514.36		0.41		4,522.92
<b>Total</b>	<b>4.59</b>	<b>32.41</b>	<b>17.39</b>	<b>0.04</b>		<b>1.84</b>	<b>1.84</b>		<b>1.84</b>	<b>1.84</b>		<b>4,514.36</b>		<b>0.41</b>		<b>4,522.92</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	lb/day										lb/day					
Hauling	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
Vendor	0.03	0.28	0.18	0.00	0.02	0.01	0.03	0.00	0.01	0.01		54.01		0.00		54.04
Worker	0.08	0.07	0.80	0.00	0.15	0.00	0.15	0.01	0.00	0.01		120.65		0.01		120.81
<b>Total</b>	<b>0.11</b>	<b>0.35</b>	<b>0.98</b>	<b>0.00</b>	<b>0.17</b>	<b>0.01</b>	<b>0.18</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>174.66</b>		<b>0.01</b>		<b>174.85</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	lb/day										lb/day					
Off-Road	4.59	32.41	17.39	0.04		1.84	1.84		1.84	1.84	0.00	4,514.36		0.41		4,522.92
<b>Total</b>	<b>4.59</b>	<b>32.41</b>	<b>17.39</b>	<b>0.04</b>		<b>1.84</b>	<b>1.84</b>		<b>1.84</b>	<b>1.84</b>	<b>0.00</b>	<b>4,514.36</b>		<b>0.41</b>		<b>4,522.92</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	lb/day										lb/day					
Hauling	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
Vendor	0.03	0.28	0.18	0.00	0.02	0.01	0.03	0.00	0.01	0.01		54.01		0.00		54.04
Worker	0.08	0.07	0.80	0.00	0.15	0.00	0.15	0.01	0.00	0.01		120.65		0.01		120.81
<b>Total</b>	<b>0.11</b>	<b>0.35</b>	<b>0.98</b>	<b>0.00</b>	<b>0.17</b>	<b>0.01</b>	<b>0.18</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>174.66</b>		<b>0.01</b>		<b>174.85</b>

### 3.6 Building Construction - 2014

#### 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	lb/day										lb/day					
Off-Road	3.82	25.25	18.90	0.03		1.59	1.59		1.59	1.59		3,228.71		0.34		3,235.90
<b>Total</b>	<b>3.82</b>	<b>25.25</b>	<b>18.90</b>	<b>0.03</b>		<b>1.59</b>	<b>1.59</b>		<b>1.59</b>	<b>1.59</b>		<b>3,228.71</b>		<b>0.34</b>		<b>3,235.90</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	lb/day										lb/day					
Hauling	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
Vendor	0.03	0.28	0.18	0.00	0.02	0.01	0.03	0.00	0.01	0.01		54.01		0.00		54.04
Worker	0.08	0.07	0.80	0.00	0.15	0.00	0.15	0.01	0.00	0.01		120.65		0.01		120.81
<b>Total</b>	<b>0.11</b>	<b>0.35</b>	<b>0.98</b>	<b>0.00</b>	<b>0.17</b>	<b>0.01</b>	<b>0.18</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>174.66</b>		<b>0.01</b>		<b>174.85</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	lb/day										lb/day					
Off-Road	3.82	25.25	18.90	0.03		1.59	1.59		1.59	1.59	0.00	3,228.71		0.34		3,235.90
<b>Total</b>	<b>3.82</b>	<b>25.25</b>	<b>18.90</b>	<b>0.03</b>		<b>1.59</b>	<b>1.59</b>		<b>1.59</b>	<b>1.59</b>	<b>0.00</b>	<b>3,228.71</b>		<b>0.34</b>		<b>3,235.90</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	lb/day										lb/day					
Hauling	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
Vendor	0.03	0.28	0.18	0.00	0.02	0.01	0.03	0.00	0.01	0.01		54.01		0.00		54.04
Worker	0.08	0.07	0.80	0.00	0.15	0.00	0.15	0.01	0.00	0.01		120.65		0.01		120.81
<b>Total</b>	<b>0.11</b>	<b>0.35</b>	<b>0.98</b>	<b>0.00</b>	<b>0.17</b>	<b>0.01</b>	<b>0.18</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>174.66</b>		<b>0.01</b>		<b>174.85</b>

**3.7 Rock Installation - 2014**

**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	lb/day										lb/day					
Off-Road	0.40	2.53	2.09	0.00		0.11	0.11		0.11	0.11		342.47		0.04		343.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>0.40</b>	<b>2.53</b>	<b>2.09</b>	<b>0.00</b>		<b>0.11</b>	<b>0.11</b>		<b>0.11</b>	<b>0.11</b>		<b>342.47</b>		<b>0.04</b>		<b>343.23</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	lb/day										lb/day					
Hauling	0.06	0.63	0.33	0.00	0.24	0.02	0.26	0.00	0.02	0.02		117.29		0.00		117.35
Vendor	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
Worker	0.20	0.18	2.01	0.00	0.37	0.01	0.39	0.01	0.01	0.03		301.62		0.02		302.02
<b>Total</b>	<b>0.26</b>	<b>0.81</b>	<b>2.34</b>	<b>0.00</b>	<b>0.61</b>	<b>0.03</b>	<b>0.65</b>	<b>0.01</b>	<b>0.03</b>	<b>0.05</b>		<b>418.91</b>		<b>0.02</b>		<b>419.37</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	lb/day										lb/day					
Off-Road	0.40	2.53	2.09	0.00		0.11	0.11		0.11	0.11	0.00	342.47		0.04		343.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>0.40</b>	<b>2.53</b>	<b>2.09</b>	<b>0.00</b>		<b>0.11</b>	<b>0.11</b>		<b>0.11</b>	<b>0.11</b>	<b>0.00</b>	<b>342.47</b>		<b>0.04</b>		<b>343.23</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	lb/day										lb/day					
Hauling	0.06	0.63	0.33	0.00	0.24	0.02	0.26	0.00	0.02	0.02		117.29		0.00		117.35
Vendor	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
Worker	0.20	0.18	2.01	0.00	0.37	0.01	0.39	0.01	0.01	0.03		301.62		0.02		302.02
<b>Total</b>	<b>0.26</b>	<b>0.81</b>	<b>2.34</b>	<b>0.00</b>	<b>0.61</b>	<b>0.03</b>	<b>0.65</b>	<b>0.01</b>	<b>0.03</b>	<b>0.05</b>		<b>418.91</b>		<b>0.02</b>		<b>419.37</b>

### 3.8 Paving & Street Installation - 2014

#### 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	lb/day										lb/day					
Off-Road	4.97	39.87	20.39	0.04		1.92	1.92		1.92	1.92		4,726.75		0.45		4,736.12
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>4.97</b>	<b>39.87</b>	<b>20.39</b>	<b>0.04</b>		<b>1.92</b>	<b>1.92</b>		<b>1.92</b>	<b>1.92</b>		<b>4,726.75</b>		<b>0.45</b>		<b>4,736.12</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	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.10	0.09	1.05	0.00	0.19	0.01	0.20	0.01	0.01	0.01		156.84		0.01		157.05
<b>Total</b>	<b>0.10</b>	<b>0.09</b>	<b>1.05</b>	<b>0.00</b>	<b>0.19</b>	<b>0.01</b>	<b>0.20</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>		<b>156.84</b>		<b>0.01</b>		<b>157.05</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	lb/day										lb/day					
Off-Road	4.97	39.87	20.39	0.04		1.92	1.92		1.92	1.92	0.00	4,726.75		0.45		4,736.12
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>4.97</b>	<b>39.87</b>	<b>20.39</b>	<b>0.04</b>		<b>1.92</b>	<b>1.92</b>		<b>1.92</b>	<b>1.92</b>	<b>0.00</b>	<b>4,726.75</b>		<b>0.45</b>		<b>4,736.12</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	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.10	0.09	1.05	0.00	0.19	0.01	0.20	0.01	0.01	0.01		156.84		0.01		157.05
<b>Total</b>	<b>0.10</b>	<b>0.09</b>	<b>1.05</b>	<b>0.00</b>	<b>0.19</b>	<b>0.01</b>	<b>0.20</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>		<b>156.84</b>		<b>0.01</b>		<b>157.05</b>

### 3.9 Paving Finalization - 2014

#### 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	lb/day										lb/day					
Off-Road	3.53	21.77	14.04	0.02		1.86	1.86		1.86	1.86		1,979.15		0.32		1,985.82
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>3.53</b>	<b>21.77</b>	<b>14.04</b>	<b>0.02</b>		<b>1.86</b>	<b>1.86</b>		<b>1.86</b>	<b>1.86</b>		<b>1,979.15</b>		<b>0.32</b>		<b>1,985.82</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	lb/day										lb/day					
Hauling	0.13	1.47	0.78	0.00	0.24	0.05	0.29	0.01	0.05	0.06		273.69		0.01		273.82
Vendor	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
Worker	0.12	0.11	1.21	0.00	0.22	0.01	0.23	0.01	0.01	0.02		180.97		0.01		181.21
<b>Total</b>	<b>0.25</b>	<b>1.58</b>	<b>1.99</b>	<b>0.00</b>	<b>0.46</b>	<b>0.06</b>	<b>0.52</b>	<b>0.02</b>	<b>0.06</b>	<b>0.08</b>		<b>454.66</b>		<b>0.02</b>		<b>455.03</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	lb/day										lb/day					
Off-Road	3.53	21.77	14.04	0.02		1.86	1.86		1.86	1.86	0.00	1,979.15		0.32		1,985.82
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>3.53</b>	<b>21.77</b>	<b>14.04</b>	<b>0.02</b>		<b>1.86</b>	<b>1.86</b>		<b>1.86</b>	<b>1.86</b>	<b>0.00</b>	<b>1,979.15</b>		<b>0.32</b>		<b>1,985.82</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	lb/day										lb/day					
Hauling	0.13	1.47	0.78	0.00	0.24	0.05	0.29	0.01	0.05	0.06		273.69		0.01		273.82
Vendor	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
Worker	0.12	0.11	1.21	0.00	0.22	0.01	0.23	0.01	0.01	0.02		180.97		0.01		181.21
<b>Total</b>	<b>0.25</b>	<b>1.58</b>	<b>1.99</b>	<b>0.00</b>	<b>0.46</b>	<b>0.06</b>	<b>0.52</b>	<b>0.02</b>	<b>0.06</b>	<b>0.08</b>		<b>454.66</b>		<b>0.02</b>		<b>455.03</b>



### 3.10 Painting - 2014

#### 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	lb/day										lb/day						
Archit. Coating	32.84					0.00	0.00		0.00	0.00							0.00
Off-Road	0.45	2.77	1.92	0.00		0.24	0.24		0.24	0.24		281.19		0.04			282.03
<b>Total</b>	<b>33.29</b>	<b>2.77</b>	<b>1.92</b>	<b>0.00</b>		<b>0.24</b>	<b>0.24</b>		<b>0.24</b>	<b>0.24</b>		<b>281.19</b>		<b>0.04</b>			<b>282.03</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	lb/day										lb/day						
Hauling	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
Vendor	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
Worker	0.02	0.01	0.16	0.00	0.03	0.00	0.03	0.00	0.00	0.00		24.13		0.00			24.16
<b>Total</b>	<b>0.02</b>	<b>0.01</b>	<b>0.16</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>24.13</b>		<b>0.00</b>			<b>24.16</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	lb/day										lb/day						
Archit. Coating	32.84					0.00	0.00		0.00	0.00							0.00
Off-Road	0.45	2.77	1.92	0.00		0.24	0.24		0.24	0.24	0.00	281.19		0.04			282.03
<b>Total</b>	<b>33.29</b>	<b>2.77</b>	<b>1.92</b>	<b>0.00</b>		<b>0.24</b>	<b>0.24</b>		<b>0.24</b>	<b>0.24</b>	<b>0.00</b>	<b>281.19</b>		<b>0.04</b>			<b>282.03</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	lb/day										lb/day						
Hauling	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
Vendor	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
Worker	0.02	0.01	0.16	0.00	0.03	0.00	0.03	0.00	0.00	0.00		24.13		0.00			24.16
<b>Total</b>	<b>0.02</b>	<b>0.01</b>	<b>0.16</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>24.13</b>		<b>0.00</b>			<b>24.16</b>



**East Dunne Park**  
**Santa Clara County, Winter Construction Emissions**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric
Single Family Housing	19	Dwelling Unit
Condo/Townhouse	4	Dwelling Unit

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>		<b>Utility Company</b>	Pacific Gas & Electric Company
<b>Climate Zone</b>	4		2.2		
		<b>Precipitation Freq (Days)</b>			

**1.3 User Entered Comments**

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Land Use - Lot acreage per Site Plan

Construction Phase - Construction schedule per project applicant

Off-road Equipment - Construction equipment specifications per project applicant

Off-road Equipment - Diesel-fueled construction equipment load factors reduced 33% to account for offroad emission overestimation

Source - California Air Resources Board. 2010. "Staff Report: Proposed Amendment to the Regulation for IN-Use Offroad Diesel-Fueled Fleets and the OFFROAD Large Spark-Ignition Fleet Requirements." October 2010.

Trips and VMT - The number of rock and asphalt hauling trips per project applicant

Architectural Coating - BAAQMD Regulation 8, Rule 3, Architectural Coatings

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### 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	lb/day										lb/day					
2014	33.30	51.26	25.19	0.07	1.50	2.02	2.64	0.02	2.02	2.02	0.00	7,260.38	0.00	0.57	0.00	7,272.34
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

#### 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	lb/day										lb/day					
2014	33.30	51.26	25.19	0.07	1.27	2.02	2.59	0.02	2.02	2.02	0.00	7,260.38	0.00	0.57	0.00	7,272.34
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

### 3.0 Construction Detail

#### 3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

#### 3.2 Demolition - 2014

##### 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	lb/day										lb/day					
Fugitive Dust					0.41	0.00	0.41	0.00	0.00	0.00						0.00
Off-Road	3.50	26.52	13.98	0.04		1.12	1.12		1.12	1.12		4,202.23		0.31		4,208.72
<b>Total</b>	<b>3.50</b>	<b>26.52</b>	<b>13.98</b>	<b>0.04</b>	<b>0.41</b>	<b>1.12</b>	<b>1.53</b>	<b>0.00</b>	<b>1.12</b>	<b>1.12</b>		<b>4,202.23</b>		<b>0.31</b>		<b>4,208.72</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	lb/day										lb/day					
Hauling	0.08	0.84	0.51	0.00	0.94	0.03	0.96	0.01	0.03	0.03		155.65		0.00		155.73
Vendor	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
Worker	0.09	0.08	0.75	0.00	0.15	0.00	0.15	0.01	0.00	0.01		108.36		0.01		108.51
<b>Total</b>	<b>0.17</b>	<b>0.92</b>	<b>1.26</b>	<b>0.00</b>	<b>1.09</b>	<b>0.03</b>	<b>1.11</b>	<b>0.02</b>	<b>0.03</b>	<b>0.04</b>		<b>264.01</b>		<b>0.01</b>		<b>264.24</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	lb/day										lb/day					
Fugitive Dust					0.18	0.00	0.18	0.00	0.00	0.00						0.00
Off-Road	3.50	26.52	13.98	0.04		1.12	1.12		1.12	1.12	0.00	4,202.23		0.31		4,208.72
<b>Total</b>	<b>3.50</b>	<b>26.52</b>	<b>13.98</b>	<b>0.04</b>	<b>0.18</b>	<b>1.12</b>	<b>1.30</b>	<b>0.00</b>	<b>1.12</b>	<b>1.12</b>	<b>0.00</b>	<b>4,202.23</b>		<b>0.31</b>		<b>4,208.72</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	lb/day										lb/day					
Hauling	0.08	0.84	0.51	0.00	0.94	0.03	0.96	0.01	0.03	0.03		155.65		0.00		155.73
Vendor	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
Worker	0.09	0.08	0.75	0.00	0.15	0.00	0.15	0.01	0.00	0.01		108.36		0.01		108.51
<b>Total</b>	<b>0.17</b>	<b>0.92</b>	<b>1.26</b>	<b>0.00</b>	<b>1.09</b>	<b>0.03</b>	<b>1.11</b>	<b>0.02</b>	<b>0.03</b>	<b>0.04</b>		<b>264.01</b>		<b>0.01</b>		<b>264.24</b>

### 3.3 Grading - 2014

#### 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	lb/day										lb/day						
Fugitive Dust					0.26	0.00	0.26	0.00	0.00	0.00							0.00
Off-Road	6.27	51.14	22.93	0.06		2.01	2.01		2.01	2.01		7,097.84		0.56			7,109.57
<b>Total</b>	<b>6.27</b>	<b>51.14</b>	<b>22.93</b>	<b>0.06</b>	<b>0.26</b>	<b>2.01</b>	<b>2.27</b>	<b>0.00</b>	<b>2.01</b>	<b>2.01</b>		<b>7,097.84</b>		<b>0.56</b>			<b>7,109.57</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	lb/day										lb/day						
Hauling	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
Vendor	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
Worker	0.13	0.12	1.12	0.00	0.22	0.01	0.23	0.01	0.01	0.02		162.54		0.01			162.77
<b>Total</b>	<b>0.13</b>	<b>0.12</b>	<b>1.12</b>	<b>0.00</b>	<b>0.22</b>	<b>0.01</b>	<b>0.23</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>162.54</b>		<b>0.01</b>			<b>162.77</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	lb/day										lb/day						
Fugitive Dust					0.12	0.00	0.12	0.00	0.00	0.00							0.00
Off-Road	6.27	51.14	22.93	0.06		2.01	2.01		2.01	2.01	0.00	7,097.84		0.56			7,109.57
<b>Total</b>	<b>6.27</b>	<b>51.14</b>	<b>22.93</b>	<b>0.06</b>	<b>0.12</b>	<b>2.01</b>	<b>2.13</b>	<b>0.00</b>	<b>2.01</b>	<b>2.01</b>	<b>0.00</b>	<b>7,097.84</b>		<b>0.56</b>			<b>7,109.57</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	lb/day										lb/day						
Hauling	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
Vendor	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
Worker	0.13	0.12	1.12	0.00	0.22	0.01	0.23	0.01	0.01	0.02		162.54		0.01			162.77
<b>Total</b>	<b>0.13</b>	<b>0.12</b>	<b>1.12</b>	<b>0.00</b>	<b>0.22</b>	<b>0.01</b>	<b>0.23</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>162.54</b>		<b>0.01</b>			<b>162.77</b>

**3.4 Wet Utility Installation - 2014**

**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	lb/day										lb/day					
Off-Road	5.14	37.92	23.26	0.05		1.91	1.91		1.91	1.91		5,649.03		0.46		5,658.59
<b>Total</b>	<b>5.14</b>	<b>37.92</b>	<b>23.26</b>	<b>0.05</b>		<b>1.91</b>	<b>1.91</b>		<b>1.91</b>	<b>1.91</b>		<b>5,649.03</b>		<b>0.46</b>		<b>5,658.59</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	lb/day										lb/day					
Hauling	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
Vendor	0.06	0.56	0.44	0.00	0.07	0.02	0.09	0.00	0.02	0.02		107.24		0.00		107.30
Worker	0.17	0.16	1.50	0.00	0.59	0.01	0.60	0.01	0.01	0.02		216.72		0.01		217.03
<b>Total</b>	<b>0.23</b>	<b>0.72</b>	<b>1.94</b>	<b>0.00</b>	<b>0.66</b>	<b>0.03</b>	<b>0.69</b>	<b>0.01</b>	<b>0.03</b>	<b>0.04</b>		<b>323.96</b>		<b>0.01</b>		<b>324.33</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	lb/day										lb/day					
Off-Road	5.14	37.92	23.26	0.05		1.91	1.91		1.91	1.91	0.00	5,649.03		0.46		5,658.59
<b>Total</b>	<b>5.14</b>	<b>37.92</b>	<b>23.26</b>	<b>0.05</b>		<b>1.91</b>	<b>1.91</b>		<b>1.91</b>	<b>1.91</b>	<b>0.00</b>	<b>5,649.03</b>		<b>0.46</b>		<b>5,658.59</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	lb/day										lb/day					
Hauling	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
Vendor	0.06	0.56	0.44	0.00	0.07	0.02	0.09	0.00	0.02	0.02		107.24		0.00		107.30
Worker	0.17	0.16	1.50	0.00	0.59	0.01	0.60	0.01	0.01	0.02		216.72		0.01		217.03
<b>Total</b>	<b>0.23</b>	<b>0.72</b>	<b>1.94</b>	<b>0.00</b>	<b>0.66</b>	<b>0.03</b>	<b>0.69</b>	<b>0.01</b>	<b>0.03</b>	<b>0.04</b>		<b>323.96</b>		<b>0.01</b>		<b>324.33</b>

**3.5 Dry Utility Intstallation - 2014**

**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	lb/day										lb/day					
Off-Road	4.59	32.41	17.39	0.04		1.84	1.84		1.84	1.84		4,514.36		0.41		4,522.92
<b>Total</b>	<b>4.59</b>	<b>32.41</b>	<b>17.39</b>	<b>0.04</b>		<b>1.84</b>	<b>1.84</b>		<b>1.84</b>	<b>1.84</b>		<b>4,514.36</b>		<b>0.41</b>		<b>4,522.92</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	lb/day										lb/day					
Hauling	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
Vendor	0.03	0.28	0.22	0.00	0.02	0.01	0.03	0.00	0.01	0.01		53.62		0.00		53.65
Worker	0.09	0.08	0.75	0.00	0.15	0.00	0.15	0.01	0.00	0.01		108.36		0.01		108.51
<b>Total</b>	<b>0.12</b>	<b>0.36</b>	<b>0.97</b>	<b>0.00</b>	<b>0.17</b>	<b>0.01</b>	<b>0.18</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>161.98</b>		<b>0.01</b>		<b>162.16</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	lb/day										lb/day					
Off-Road	4.59	32.41	17.39	0.04		1.84	1.84		1.84	1.84	0.00	4,514.36		0.41		4,522.92
<b>Total</b>	<b>4.59</b>	<b>32.41</b>	<b>17.39</b>	<b>0.04</b>		<b>1.84</b>	<b>1.84</b>		<b>1.84</b>	<b>1.84</b>	<b>0.00</b>	<b>4,514.36</b>		<b>0.41</b>		<b>4,522.92</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	lb/day										lb/day					
Hauling	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
Vendor	0.03	0.28	0.22	0.00	0.02	0.01	0.03	0.00	0.01	0.01		53.62		0.00		53.65
Worker	0.09	0.08	0.75	0.00	0.15	0.00	0.15	0.01	0.00	0.01		108.36		0.01		108.51
<b>Total</b>	<b>0.12</b>	<b>0.36</b>	<b>0.97</b>	<b>0.00</b>	<b>0.17</b>	<b>0.01</b>	<b>0.18</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>161.98</b>		<b>0.01</b>		<b>162.16</b>

### 3.6 Building Construction - 2014

#### 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	lb/day										lb/day					
Off-Road	3.82	25.25	18.90	0.03		1.59	1.59		1.59	1.59		3,228.71		0.34		3,235.90
<b>Total</b>	<b>3.82</b>	<b>25.25</b>	<b>18.90</b>	<b>0.03</b>		<b>1.59</b>	<b>1.59</b>		<b>1.59</b>	<b>1.59</b>		<b>3,228.71</b>		<b>0.34</b>		<b>3,235.90</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	lb/day										lb/day					
Hauling	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
Vendor	0.03	0.28	0.22	0.00	0.02	0.01	0.03	0.00	0.01	0.01		53.62		0.00		53.65
Worker	0.09	0.08	0.75	0.00	0.15	0.00	0.15	0.01	0.00	0.01		108.36		0.01		108.51
<b>Total</b>	<b>0.12</b>	<b>0.36</b>	<b>0.97</b>	<b>0.00</b>	<b>0.17</b>	<b>0.01</b>	<b>0.18</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>161.98</b>		<b>0.01</b>		<b>162.16</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	lb/day										lb/day					
Off-Road	3.82	25.25	18.90	0.03		1.59	1.59		1.59	1.59	0.00	3,228.71		0.34		3,235.90
<b>Total</b>	<b>3.82</b>	<b>25.25</b>	<b>18.90</b>	<b>0.03</b>		<b>1.59</b>	<b>1.59</b>		<b>1.59</b>	<b>1.59</b>	<b>0.00</b>	<b>3,228.71</b>		<b>0.34</b>		<b>3,235.90</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	lb/day										lb/day					
Hauling	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
Vendor	0.03	0.28	0.22	0.00	0.02	0.01	0.03	0.00	0.01	0.01		53.62		0.00		53.65
Worker	0.09	0.08	0.75	0.00	0.15	0.00	0.15	0.01	0.00	0.01		108.36		0.01		108.51
<b>Total</b>	<b>0.12</b>	<b>0.36</b>	<b>0.97</b>	<b>0.00</b>	<b>0.17</b>	<b>0.01</b>	<b>0.18</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>		<b>161.98</b>		<b>0.01</b>		<b>162.16</b>

**3.7 Rock Installation - 2014**

**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	lb/day										lb/day					
Off-Road	0.40	2.53	2.09	0.00		0.11	0.11		0.11	0.11		342.47		0.04		343.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>0.40</b>	<b>2.53</b>	<b>2.09</b>	<b>0.00</b>		<b>0.11</b>	<b>0.11</b>		<b>0.11</b>	<b>0.11</b>		<b>342.47</b>		<b>0.04</b>		<b>343.23</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	lb/day										lb/day					
Hauling	0.06	0.63	0.38	0.00	0.24	0.02	0.26	0.00	0.02	0.02		116.74		0.00		116.80
Vendor	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
Worker	0.21	0.20	1.87	0.00	0.37	0.01	0.39	0.01	0.01	0.03		270.91		0.02		271.28
<b>Total</b>	<b>0.27</b>	<b>0.83</b>	<b>2.25</b>	<b>0.00</b>	<b>0.61</b>	<b>0.03</b>	<b>0.65</b>	<b>0.01</b>	<b>0.03</b>	<b>0.05</b>		<b>387.65</b>		<b>0.02</b>		<b>388.08</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	lb/day										lb/day					
Off-Road	0.40	2.53	2.09	0.00		0.11	0.11		0.11	0.11	0.00	342.47		0.04		343.23
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>0.40</b>	<b>2.53</b>	<b>2.09</b>	<b>0.00</b>		<b>0.11</b>	<b>0.11</b>		<b>0.11</b>	<b>0.11</b>	<b>0.00</b>	<b>342.47</b>		<b>0.04</b>		<b>343.23</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	lb/day										lb/day					
Hauling	0.06	0.63	0.38	0.00	0.24	0.02	0.26	0.00	0.02	0.02		116.74		0.00		116.80
Vendor	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
Worker	0.21	0.20	1.87	0.00	0.37	0.01	0.39	0.01	0.01	0.03		270.91		0.02		271.28
<b>Total</b>	<b>0.27</b>	<b>0.83</b>	<b>2.25</b>	<b>0.00</b>	<b>0.61</b>	<b>0.03</b>	<b>0.65</b>	<b>0.01</b>	<b>0.03</b>	<b>0.05</b>		<b>387.65</b>		<b>0.02</b>		<b>388.08</b>

**3.8 Paving & Street Installation - 2014**

**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	lb/day										lb/day					
Off-Road	4.97	39.87	20.39	0.04		1.92	1.92		1.92	1.92		4,726.75		0.45		4,736.12
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>4.97</b>	<b>39.87</b>	<b>20.39</b>	<b>0.04</b>		<b>1.92</b>	<b>1.92</b>		<b>1.92</b>	<b>1.92</b>		<b>4,726.75</b>		<b>0.45</b>		<b>4,736.12</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	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.11	0.10	0.97	0.00	0.19	0.01	0.20	0.01	0.01	0.01		140.87		0.01		141.07
<b>Total</b>	<b>0.11</b>	<b>0.10</b>	<b>0.97</b>	<b>0.00</b>	<b>0.19</b>	<b>0.01</b>	<b>0.20</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>		<b>140.87</b>		<b>0.01</b>		<b>141.07</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	lb/day										lb/day					
Off-Road	4.97	39.87	20.39	0.04		1.92	1.92		1.92	1.92	0.00	4,726.75		0.45		4,736.12
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>4.97</b>	<b>39.87</b>	<b>20.39</b>	<b>0.04</b>		<b>1.92</b>	<b>1.92</b>		<b>1.92</b>	<b>1.92</b>	<b>0.00</b>	<b>4,726.75</b>		<b>0.45</b>		<b>4,736.12</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	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.11	0.10	0.97	0.00	0.19	0.01	0.20	0.01	0.01	0.01		140.87		0.01		141.07
<b>Total</b>	<b>0.11</b>	<b>0.10</b>	<b>0.97</b>	<b>0.00</b>	<b>0.19</b>	<b>0.01</b>	<b>0.20</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>		<b>140.87</b>		<b>0.01</b>		<b>141.07</b>

**3.9 Paving Finalization - 2014**

**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	lb/day										lb/day					
Off-Road	3.53	21.77	14.04	0.02		1.86	1.86		1.86	1.86		1,979.15		0.32		1,985.82
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>3.53</b>	<b>21.77</b>	<b>14.04</b>	<b>0.02</b>		<b>1.86</b>	<b>1.86</b>		<b>1.86</b>	<b>1.86</b>		<b>1,979.15</b>		<b>0.32</b>		<b>1,985.82</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	lb/day										lb/day					
Hauling	0.14	1.48	0.88	0.00	0.24	0.05	0.29	0.01	0.05	0.06		272.39		0.01		272.53
Vendor	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
Worker	0.13	0.12	1.12	0.00	0.22	0.01	0.23	0.01	0.01	0.02		162.54		0.01		162.77
<b>Total</b>	<b>0.27</b>	<b>1.60</b>	<b>2.00</b>	<b>0.00</b>	<b>0.46</b>	<b>0.06</b>	<b>0.52</b>	<b>0.02</b>	<b>0.06</b>	<b>0.08</b>		<b>434.93</b>		<b>0.02</b>		<b>435.30</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	lb/day										lb/day					
Off-Road	3.53	21.77	14.04	0.02		1.86	1.86		1.86	1.86	0.00	1,979.15		0.32		1,985.82
Paving	0.00					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>3.53</b>	<b>21.77</b>	<b>14.04</b>	<b>0.02</b>		<b>1.86</b>	<b>1.86</b>		<b>1.86</b>	<b>1.86</b>	<b>0.00</b>	<b>1,979.15</b>		<b>0.32</b>		<b>1,985.82</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	lb/day										lb/day					
Hauling	0.14	1.48	0.88	0.00	0.24	0.05	0.29	0.01	0.05	0.06		272.39		0.01		272.53
Vendor	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
Worker	0.13	0.12	1.12	0.00	0.22	0.01	0.23	0.01	0.01	0.02		162.54		0.01		162.77
<b>Total</b>	<b>0.27</b>	<b>1.60</b>	<b>2.00</b>	<b>0.00</b>	<b>0.46</b>	<b>0.06</b>	<b>0.52</b>	<b>0.02</b>	<b>0.06</b>	<b>0.08</b>		<b>434.93</b>		<b>0.02</b>		<b>435.30</b>

### 3.10 Painting - 2014

#### 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	lb/day										lb/day					
Archit. Coating	32.84					0.00	0.00		0.00	0.00						0.00
Off-Road	0.45	2.77	1.92	0.00		0.24	0.24		0.24	0.24		281.19		0.04		282.03
<b>Total</b>	<b>33.29</b>	<b>2.77</b>	<b>1.92</b>	<b>0.00</b>		<b>0.24</b>	<b>0.24</b>		<b>0.24</b>	<b>0.24</b>		<b>281.19</b>		<b>0.04</b>		<b>282.03</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	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.02	0.02	0.15	0.00	0.03	0.00	0.03	0.00	0.00	0.00		21.67		0.00		21.70
<b>Total</b>	<b>0.02</b>	<b>0.02</b>	<b>0.15</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>21.67</b>		<b>0.00</b>		<b>21.70</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	lb/day										lb/day					
Archit. Coating	32.84					0.00	0.00		0.00	0.00						0.00
Off-Road	0.45	2.77	1.92	0.00		0.24	0.24		0.24	0.24	0.00	281.19		0.04		282.03
<b>Total</b>	<b>33.29</b>	<b>2.77</b>	<b>1.92</b>	<b>0.00</b>		<b>0.24</b>	<b>0.24</b>		<b>0.24</b>	<b>0.24</b>	<b>0.00</b>	<b>281.19</b>		<b>0.04</b>		<b>282.03</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	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.02	0.02	0.15	0.00	0.03	0.00	0.03	0.00	0.00	0.00		21.67		0.00		21.70
<b>Total</b>	<b>0.02</b>	<b>0.02</b>	<b>0.15</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>21.67</b>		<b>0.00</b>		<b>21.70</b>

**East Dunne Park  
Santa Clara County, Annual Construction**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric
Single Family Housing	19	Dwelling Unit
Condo/Townhouse	4	Dwelling Unit

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>		<b>Utility Company</b>	Pacific Gas & Electric Company
<b>Climate Zone</b>	4		2.2		
		<b>Precipitation Freq (Days)</b>			

**1.3 User Entered Comments**

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Land Use - Lot acreage per Site Plan

Construction Phase - Construction schedule per project applicant

Off-road Equipment - Construction equipment specifications per project applicant

Off-road Equipment - Diesel-fueled construction equipment load factors reduced 33% to account for offroad emission overestimation

Source - California Air Resources Board. 2010. "Staff Report: Proposed Amendment to the Regulation for IN-Use Offroad Diesel-Fueled Fleets and the OFFROAD LArge Spark-Ignition Fleet Requirements." October 2010.

Trips and VMT - The number of rock and asphalt hauling trips per project applicant

Architectural Coating - BAAQMD Regulation 8, Rule 3, Architechural Coatings

## 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					
2014	0.73	2.84	1.81	0.00	0.03	0.15	0.18	0.00	0.15	0.15	0.00	360.75	360.75	0.03	0.00	361.43
<b>Total</b>	<b>0.73</b>	<b>2.84</b>	<b>1.81</b>	<b>0.00</b>	<b>0.03</b>	<b>0.15</b>	<b>0.18</b>	<b>0.00</b>	<b>0.15</b>	<b>0.15</b>	<b>0.00</b>	<b>360.75</b>	<b>360.75</b>	<b>0.03</b>	<b>0.00</b>	<b>361.43</b>

## 3.0 Construction Detail

### 3.1 Mitigation Measures Construction

### 3.2 Demolition - 2014

#### 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					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.28	0.15	0.00		0.01	0.01		0.01	0.01	0.00	40.02	40.02	0.00	0.00	40.08
<b>Total</b>	<b>0.04</b>	<b>0.28</b>	<b>0.15</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	<b>40.02</b>	<b>40.02</b>	<b>0.00</b>	<b>0.00</b>	<b>40.08</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	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	1.49	1.49	0.00	0.00	1.49
Vendor	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	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05	1.05	0.00	0.00	1.05
<b>Total</b>	<b>0.00</b>	<b>0.01</b>	<b>0.02</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.54</b>	<b>2.54</b>	<b>0.00</b>	<b>0.00</b>	<b>2.54</b>

**3.3 Grading - 2014**

**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					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.07	0.54	0.24	0.00		0.02	0.02		0.02	0.02	0.00	67.59	67.59	0.01	0.00	67.70
<b>Total</b>	<b>0.07</b>	<b>0.54</b>	<b>0.24</b>	<b>0.00</b>	<b>0.00</b>	<b>0.02</b>	<b>0.02</b>	<b>0.00</b>	<b>0.02</b>	<b>0.02</b>	<b>0.00</b>	<b>67.59</b>	<b>67.59</b>	<b>0.01</b>	<b>0.00</b>	<b>67.70</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	0.00	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	0.00	0.00
Vendor	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	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	1.58	0.00	0.00	1.58
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</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>1.58</b>	<b>1.58</b>	<b>0.00</b>	<b>0.00</b>	<b>1.58</b>

**3.4 Wet Utility Installation - 2014**

**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	0.05	0.40	0.24	0.00		0.02	0.02		0.02	0.02	0.00	53.79	53.79	0.00	0.00	53.89
<b>Total</b>	<b>0.05</b>	<b>0.40</b>	<b>0.24</b>	<b>0.00</b>		<b>0.02</b>	<b>0.02</b>		<b>0.02</b>	<b>0.02</b>	<b>0.00</b>	<b>53.79</b>	<b>53.79</b>	<b>0.00</b>	<b>0.00</b>	<b>53.89</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	0.00	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	0.00	0.00
Vendor	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	1.03	0.00	0.00	1.03
Worker	0.00	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	2.11	2.11	0.00	0.00	2.11
<b>Total</b>	<b>0.00</b>	<b>0.01</b>	<b>0.02</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.14</b>	<b>3.14</b>	<b>0.00</b>	<b>0.00</b>	<b>3.14</b>

**3.5 Dry Utility Intstallation - 2014**

**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	0.03	0.23	0.12	0.00		0.01	0.01		0.01	0.01	0.00	28.66	28.66	0.00	0.00	28.71
<b>Total</b>	<b>0.03</b>	<b>0.23</b>	<b>0.12</b>	<b>0.00</b>		<b>0.01</b>	<b>0.01</b>		<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	<b>28.66</b>	<b>28.66</b>	<b>0.00</b>	<b>0.00</b>	<b>28.71</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	0.00	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	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.34	0.00	0.00	0.34
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.70	0.00	0.00	0.70
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</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>1.04</b>	<b>1.04</b>	<b>0.00</b>	<b>0.00</b>	<b>1.04</b>

**3.6 Building Construction - 2014**

**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	0.15	1.01	0.76	0.00		0.06	0.06		0.06	0.06	0.00	117.13	117.13	0.01	0.00	117.39
<b>Total</b>	<b>0.15</b>	<b>1.01</b>	<b>0.76</b>	<b>0.00</b>		<b>0.06</b>	<b>0.06</b>		<b>0.06</b>	<b>0.06</b>	<b>0.00</b>	<b>117.13</b>	<b>117.13</b>	<b>0.01</b>	<b>0.00</b>	<b>117.39</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	0.00	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	0.00	0.00
Vendor	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.95	1.95	0.00	0.00	1.95
Worker	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	4.01	4.01	0.00	0.00	4.02
<b>Total</b>	<b>0.00</b>	<b>0.01</b>	<b>0.04</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.96</b>	<b>5.96</b>	<b>0.00</b>	<b>0.00</b>	<b>5.97</b>

**3.7 Rock Installation - 2014**

**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	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	1.09	1.09	0.00	0.00	1.09
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</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>1.09</b>	<b>1.09</b>	<b>0.00</b>	<b>0.00</b>	<b>1.09</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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	0.00	0.00	0.37
Vendor	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	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.88	0.00	0.00	0.88
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</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>1.25</b>	<b>1.25</b>	<b>0.00</b>	<b>0.00</b>	<b>1.25</b>

**3.8 Paving & Street Installation - 2014**

**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	0.03	0.28	0.14	0.00		0.01	0.01		0.01	0.01	0.00	30.01	30.01	0.00	0.00	30.07
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>0.03</b>	<b>0.28</b>	<b>0.14</b>	<b>0.00</b>		<b>0.01</b>	<b>0.01</b>		<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	<b>30.01</b>	<b>30.01</b>	<b>0.00</b>	<b>0.00</b>	<b>30.07</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	0.00	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	0.00	0.00
Vendor	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	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.91	0.00	0.00	0.91
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</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>0.91</b>	<b>0.91</b>	<b>0.00</b>	<b>0.00</b>	<b>0.91</b>

**3.9 Paving Finalization - 2014**

**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	0.01	0.03	0.02	0.00		0.00	0.00		0.00	0.00	0.00	2.69	2.69	0.00	0.00	2.70
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>0.01</b>	<b>0.03</b>	<b>0.02</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>2.69</b>	<b>2.69</b>	<b>0.00</b>	<b>0.00</b>	<b>2.70</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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	0.00	0.00	0.37
Vendor	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	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.23	0.00	0.00	0.23
<b>Total</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>0.60</b>	<b>0.60</b>	<b>0.00</b>	<b>0.00</b>	<b>0.60</b>

**3.10 Painting - 2014**

**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	0.33					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.03	0.02	0.00		0.00	0.00		0.00	0.00	0.00	2.55	2.55	0.00	0.00	2.56
<b>Total</b>	<b>0.33</b>	<b>0.03</b>	<b>0.02</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>2.55</b>	<b>2.55</b>	<b>0.00</b>	<b>0.00</b>	<b>2.56</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	0.00	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	0.00	0.00
Vendor	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	0.00	0.00
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.00	0.00	0.20
<b>Total</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>0.20</b>	<b>0.20</b>	<b>0.00</b>	<b>0.00</b>	<b>0.20</b>



**East Dunne**  
**Santa Clara County, Summer Operations**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	19.00	Dwelling Unit	6.17	34,200.00	54
Condo/Townhouse	4.00	Dwelling Unit	0.25	4,000.00	11

**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>	2015
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<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 -

Vehicle Trips - Trip Generation per Traffic Study.

## 2.0 Emissions Summary

### 2.1 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	lb/day										lb/day					
Area	36.4833	0.4922	44.9309	0.0147		6.0362	6.0362		6.0360	6.0360	626.0736	315.9461	942.0197	0.5114	0.0515	968.7241
Energy	0.0221	0.1889	0.0804	1.2100e-003		0.0153	0.0153		0.0153	0.0153		241.1844	241.1844	4.6200e-003	4.4200e-003	242.6522
Mobile	2.5236	2.0132	9.6421	0.0181	1.2765	0.0281	1.3046	0.3403	0.0258	0.3661		1,619.2768	1,619.2768	0.0711		1,620.7689
<b>Total</b>	<b>39.0290</b>	<b>2.6944</b>	<b>54.6534</b>	<b>0.0339</b>	<b>1.2765</b>	<b>6.0796</b>	<b>7.3561</b>	<b>0.3403</b>	<b>6.0771</b>	<b>6.4174</b>	<b>626.0736</b>	<b>2,176.4074</b>	<b>2,802.4809</b>	<b>0.5871</b>	<b>0.0559</b>	<b>2,832.1452</b>

## 3.0 Operational Detail - Mobile

### 3.1 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	lb/day										lb/day					
Unmitigated	2.5236	2.0132	9.6421	0.0181	1.2765	0.0281	1.3046	0.3403	0.0258	0.3661		1,619.2768	1,619.2768	0.0711		1,620.7689

### 3.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	26.36	26.36	26.36	58,845	58,845
Single Family Housing	244.53	244.53	244.53	545,880	545,880
<b>Total</b>	<b>270.89</b>	<b>270.89</b>	<b>270.89</b>	<b>604,726</b>	<b>604,726</b>

### 3.3 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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
Single Family Housing	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3

### 3.4 Fleet Mix

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.552608	0.057937	0.185322	0.124470	0.029726	0.004465	0.012479	0.021685	0.001768	0.001276	0.005971	0.000530	0.001762

### 4.0 Energy Detail

Historical Energy Use: N

#### 4.1 Mitigation Measures Energy

Category	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
	lb/day										lb/day					
NaturalGas Mitigated	0.0221	0.1889	0.0804	1.2100e-003		0.0153	0.0153		0.0153	0.0153		241.1844	241.1844	4.6200e-003	4.4200e-003	242.6522
NaturalGas Unmitigated	0.0221	0.1889	0.0804	1.2100e-003		0.0153	0.0153		0.0153	0.0153		241.1844	241.1844	4.6200e-003	4.4200e-003	242.6522

#### 4.2 Energy by Land Use - NaturalGas

##### Unmitigated

Land Use	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
	kBTU/yr	lb/day										lb/day					
Condo/Townhouse	213.42	2.3000e-003	0.0197	8.3700e-003	1.3000e-004		1.5900e-003	1.5900e-003		1.5900e-003	1.5900e-003		25.1083	25.1083	4.8000e-004	4.6000e-004	25.2611
Single Family Housing	1836.65	0.0198	0.1693	0.0720	1.0800e-003		0.0137	0.0137		0.0137	0.0137		216.0762	216.0762	4.1400e-003	3.9600e-003	217.3912
<b>Total</b>		<b>0.0221</b>	<b>0.1889</b>	<b>0.0804</b>	<b>1.2100e-003</b>		<b>0.0153</b>	<b>0.0153</b>		<b>0.0153</b>	<b>0.0153</b>		<b>241.1844</b>	<b>241.1844</b>	<b>4.6200e-003</b>	<b>4.4200e-003</b>	<b>242.6522</b>

## 5.0 Area Detail

### 5.1 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	lb/day										lb/day					
Mitigated	36.4833	0.4922	44.9309	0.0147		6.0362	6.0362		6.0360	6.0360	626.0736	315.9461	942.0197	0.5114	0.0515	968.7241
Unmitigated	36.4833	0.4922	44.9309	0.0147		6.0362	6.0362		6.0360	6.0360	626.0736	315.9461	942.0197	0.5114	0.0515	968.7241

### 5.2 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	lb/day										lb/day					
Architectural Coating	0.1474					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8175					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	35.4566	0.4694	42.9978	0.0146		6.0258	6.0258		6.0256	6.0256	626.0736	312.5294	938.6030	0.5079	0.0515	965.2328
Landscaping	0.0618	0.0228	1.9331	1.0000e-004		0.0104	0.0104		0.0104	0.0104		3.4167	3.4167	3.5500e-003		3.4913
<b>Total</b>	<b>36.4833</b>	<b>0.4922</b>	<b>44.9309</b>	<b>0.0147</b>		<b>6.0362</b>	<b>6.0362</b>		<b>6.0360</b>	<b>6.0360</b>	<b>626.0736</b>	<b>315.9461</b>	<b>942.0197</b>	<b>0.5114</b>	<b>0.0515</b>	<b>968.7241</b>

**East Dunne**  
**Santa Clara County, Winter Operations**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	19.00	Dwelling Unit	6.17	34,200.00	54
Condo/Townhouse	4.00	Dwelling Unit	0.25	4,000.00	11

**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>	2015
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<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 -

Vehicle Trips - Trip Generation per Traffic Study.

## 2.0 Emissions Summary

### 2.1 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	lb/day										lb/day					
Area	36.4833	0.4922	44.9309	0.0147		6.0362	6.0362		6.0360	6.0360	626.0736	315.9461	942.0197	0.5114	0.0515	968.7241
Energy	0.0221	0.1889	0.0804	1.2100e-003		0.0153	0.0153		0.0153	0.0153		241.1844	241.1844	4.6200e-003	4.4200e-003	242.6522
Mobile	2.9726	2.2365	10.6249	0.0169	1.2765	0.0283	1.3048	0.3403	0.0260	0.3663		1,514.6643	1,514.6643	0.0711		1,516.1574
<b>Total</b>	<b>39.4780</b>	<b>2.9176</b>	<b>55.6362</b>	<b>0.0328</b>	<b>1.2765</b>	<b>6.0798</b>	<b>7.3563</b>	<b>0.3403</b>	<b>6.0773</b>	<b>6.4176</b>	<b>626.0736</b>	<b>2,071.7948</b>	<b>2,697.8684</b>	<b>0.5871</b>	<b>0.0559</b>	<b>2,727.5338</b>

## 3.0 Operational Detail - Mobile

### 3.1 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	lb/day										lb/day					
Unmitigated	2.9726	2.2365	10.6249	0.0169	1.2765	0.0283	1.3048	0.3403	0.0260	0.3663		1,514.6643	1,514.6643	0.0711		1,516.1574

### 3.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	26.36	26.36	26.36	58,845	58,845
Single Family Housing	244.53	244.53	244.53	545,880	545,880
<b>Total</b>	<b>270.89</b>	<b>270.89</b>	<b>270.89</b>	<b>604,726</b>	<b>604,726</b>

### 3.3 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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
Single Family Housing	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3

### 3.4 Fleet Mix

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.552608	0.057937	0.185322	0.124470	0.029726	0.004465	0.012479	0.021685	0.001768	0.001276	0.005971	0.000530	0.001762

### 4.0 Energy Detail

Historical Energy Use: N

### 4.1 Mitigation Measures Energy

Category	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
	lb/day										lb/day					
NaturalGas Mitigated	0.0221	0.1889	0.0804	1.2100e-003		0.0153	0.0153		0.0153	0.0153		241.1844	241.1844	4.6200e-003	4.4200e-003	242.6522
NaturalGas Unmitigated	0.0221	0.1889	0.0804	1.2100e-003		0.0153	0.0153		0.0153	0.0153		241.1844	241.1844	4.6200e-003	4.4200e-003	242.6522

## 4.2 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	lb/day										lb/day					
Condo/Townhouse	213.42	2.3000e-003	0.0197	8.3700e-003	1.3000e-004		1.5900e-003	1.5900e-003		1.5900e-003	1.5900e-003		25.1083	25.1083	4.8000e-004	4.6000e-004	25.2611
Single Family Housing	1836.65	0.0198	0.1693	0.0720	1.0800e-003		0.0137	0.0137		0.0137	0.0137		216.0762	216.0762	4.1400e-003	3.9600e-003	217.3912
<b>Total</b>		<b>0.0221</b>	<b>0.1889</b>	<b>0.0804</b>	<b>1.2100e-003</b>		<b>0.0153</b>	<b>0.0153</b>		<b>0.0153</b>	<b>0.0153</b>		<b>241.1844</b>	<b>241.1844</b>	<b>4.6200e-003</b>	<b>4.4200e-003</b>	<b>242.6522</b>

## 5.0 Area Detail

### 5.1 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	lb/day										lb/day					
Mitigated	36.4833	0.4922	44.9309	0.0147		6.0362	6.0362		6.0360	6.0360	626.0736	315.9461	942.0197	0.5114	0.0515	968.7241
Unmitigated	36.4833	0.4922	44.9309	0.0147		6.0362	6.0362		6.0360	6.0360	626.0736	315.9461	942.0197	0.5114	0.0515	968.7241



## 5.2 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	lb/day										lb/day					
Architectural Coating	0.1474					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8175					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	35.4566	0.4694	42.9978	0.0146		6.0258	6.0258		6.0256	6.0256	626.0736	312.5294	938.6030	0.5079	0.0515	965.2328
Landscaping	0.0618	0.0228	1.9331	1.0000e-004		0.0104	0.0104		0.0104	0.0104		3.4167	3.4167	3.5500e-003		3.4913
<b>Total</b>	<b>36.4833</b>	<b>0.4922</b>	<b>44.9309</b>	<b>0.0147</b>		<b>6.0362</b>	<b>6.0362</b>		<b>6.0360</b>	<b>6.0360</b>	<b>626.0736</b>	<b>315.9461</b>	<b>942.0197</b>	<b>0.5114</b>	<b>0.0515</b>	<b>968.7241</b>

**East Dunne**  
**Santa Clara County, Annual Operations**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	19.00	Dwelling Unit	6.17	34,200.00	54
Condo/Townhouse	4.00	Dwelling Unit	0.25	4,000.00	11

**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>	2015
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<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 -

Vehicle Trips - Trip Generation per Traffic Study.

## 2.0 Emissions Summary

### 2.1 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	0.2965	4.2100e-003	0.3505	1.9000e-004		0.0267	0.0267		0.0267	0.0267	2.7027	1.1213	3.8240	6.1100e-003	1.4000e-004	3.9971
Energy	4.0300e-003	0.0345	0.0147	2.2000e-004		2.7900e-003	2.7900e-003		2.7900e-003	2.7900e-003	0.0000	84.0419	84.0419	2.7600e-003	1.1400e-003	84.4547
Mobile	0.4714	0.3902	1.7838	3.1000e-003	0.2244	5.1300e-003	0.2295	0.0600	4.7100e-003	0.0647	0.0000	252.3555	252.3555	0.0117	0.0000	252.6016
Waste						0.0000	0.0000		0.0000	0.0000	4.9773	0.0000	4.9773	0.2942	0.0000	11.1545
Water						0.0000	0.0000		0.0000	0.0000	0.4754	3.3208	3.7962	0.0490	1.1800e-003	5.1919
<b>Total</b>	<b>0.7719</b>	<b>0.4289</b>	<b>2.1490</b>	<b>3.5100e-003</b>	<b>0.2244</b>	<b>0.0346</b>	<b>0.2590</b>	<b>0.0600</b>	<b>0.0342</b>	<b>0.0941</b>	<b>8.1555</b>	<b>340.8395</b>	<b>348.9950</b>	<b>0.3637</b>	<b>2.4600e-003</b>	<b>357.3998</b>

## 3.0 Operational Detail - Mobile

### 3.1 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					
Unmitigated	0.4714	0.3902	1.7838	3.1000e-003	0.2244	5.1300e-003	0.2295	0.0600	4.7100e-003	0.0647	0.0000	252.3555	252.3555	0.0117	0.0000	252.6016

### 3.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	26.36	26.36	26.36	58,845	58,845
Single Family Housing	244.53	244.53	244.53	545,880	545,880
<b>Total</b>	<b>270.89</b>	<b>270.89</b>	<b>270.89</b>	<b>604,726</b>	<b>604,726</b>

### 3.3 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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3
Single Family Housing	12.40	4.30	5.40	26.10	29.10	44.80	86	11	3

### 3.4 Fleet Mix

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.552608	0.057937	0.185322	0.124470	0.029726	0.004465	0.012479	0.021685	0.001768	0.001276	0.005971	0.000530	0.001762

### 4.0 Energy Detail

Historical Energy Use: N

### 4.1 Mitigation Measures Energy

Category	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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	44.1111	44.1111	1.9900e-003	4.1000e-004	44.2809
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	44.1111	44.1111	1.9900e-003	4.1000e-004	44.2809
NaturalGas Mitigated	4.0300e-003	0.0345	0.0147	2.2000e-004		2.7900e-003	2.7900e-003		2.7900e-003	2.7900e-003	0.0000	39.9308	39.9308	7.7000e-004	7.3000e-004	40.1738
NaturalGas Unmitigated	4.0300e-003	0.0345	0.0147	2.2000e-004		2.7900e-003	2.7900e-003		2.7900e-003	2.7900e-003	0.0000	39.9308	39.9308	7.7000e-004	7.3000e-004	40.1738

## 4.2 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					
Condo/Townhouse	77898.4	4.2000e-004	3.5900e-003	1.5300e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	4.1570	4.1570	8.0000e-005	8.0000e-005	4.1823
Single Family Housing	670376	3.6100e-003	0.0309	0.0131	2.0000e-004		2.5000e-003	2.5000e-003		2.5000e-003	2.5000e-003	0.0000	35.7738	35.7738	6.9000e-004	6.6000e-004	35.9915
<b>Total</b>		<b>4.0300e-003</b>	<b>0.0345</b>	<b>0.0147</b>	<b>2.2000e-004</b>		<b>2.7900e-003</b>	<b>2.7900e-003</b>		<b>2.7900e-003</b>	<b>2.7900e-003</b>	<b>0.0000</b>	<b>39.9308</b>	<b>39.9308</b>	<b>7.7000e-004</b>	<b>7.4000e-004</b>	<b>40.1738</b>

## 4.3 Energy by Land Use - Electricity

### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	17244.8	5.0167	2.3000e-004	5.0000e-005	5.0360
Single Family Housing	134386	39.0944	1.7700e-003	3.7000e-004	39.2449
<b>Total</b>		<b>44.1111</b>	<b>2.0000e-003</b>	<b>4.2000e-004</b>	<b>44.2809</b>

## 5.0 Area Detail

### 5.1 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	0.2965	4.2100e-003	0.3505	1.9000e-004		0.0267	0.0267		0.0267	0.0267	2.7027	1.1213	3.8240	6.1100e-003	1.4000e-004	3.9971
Unmitigated	0.2965	4.2100e-003	0.3505	1.9000e-004		0.0267	0.0267		0.0267	0.0267	2.7027	1.1213	3.8240	6.1100e-003	1.4000e-004	3.9971

### 5.2 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	0.0269					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1492					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1148	2.1600e-003	0.1765	1.9000e-004		0.0257	0.0257		0.0257	0.0257	2.7027	0.8424	3.5451	5.8200e-003	1.4000e-004	3.7120
Landscaping	5.5700e-003	2.0500e-003	0.1740	1.0000e-005		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004	0.0000	0.2790	0.2790	2.9000e-004	0.0000	0.2851
<b>Total</b>	<b>0.2965</b>	<b>4.2100e-003</b>	<b>0.3505</b>	<b>2.0000e-004</b>		<b>0.0267</b>	<b>0.0267</b>		<b>0.0267</b>	<b>0.0267</b>	<b>2.7027</b>	<b>1.1213</b>	<b>3.8240</b>	<b>6.1100e-003</b>	<b>1.4000e-004</b>	<b>3.9971</b>

## 6.0 Water Detail

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### 6.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3.7962	0.0490	1.1800e-003	5.1911
Unmitigated	3.7962	0.0490	1.1800e-003	5.1919

### 6.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	0.260616 / 0.164301	0.6602	8.5200e-003	2.1000e-004	0.9029
Single Family Housing	1.23793 / 0.780432	3.1360	0.0405	9.8000e-004	4.2889
<b>Total</b>		<b>3.7962</b>	<b>0.0490</b>	<b>1.1900e-003</b>	<b>5.1919</b>

## 7.0 Waste Detail

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### 7.1 Mitigation Measures Waste

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	4.9773	0.2942	0.0000	11.1545
Unmitigated	4.9773	0.2942	0.0000	11.1545

### 7.2 Waste by Land Use

#### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	1.84	0.3735	0.0221	0.0000	0.8371
Single Family Housing	22.68	4.6038	0.2721	0.0000	10.3175
<b>Total</b>		<b>4.9773</b>	<b>0.2942</b>	<b>0.0000</b>	<b>11.1545</b>