

**APPENDIX A:**  
**Air Quality/Greenhouse Gas Data**

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**Schroeder Hall**  
**South Coast AQMD Air District, Winter**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric
General Office Building	25.15	1000sqft
Parking Lot	18	1000sqft

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>		<b>Utility Company</b>	Southern California Edison
<b>Climate Zone</b>	9		2.2		
		<b>Precipitation Freq (Days)</b>			
			31		

**1.3 User Entered Comments**

- Project Characteristics -
- Land Use - interior improvements and elevator/catwalk construction only
- Construction Phase - schedule
- Grading -
- Construction Off-road Equipment Mitigation -
- Mobile Land Use Mitigation -
- Area Mitigation -
- Water Mitigation -

Waste Mitigation -

## 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	22.67	31.71	19.96	0.05	18.46	1.70	20.16	0.45	1.64	2.09	0.00	4,697.99	0.00	0.25	0.00	4,703.34
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	22.67	31.71	19.96	0.05	13.46	1.70	15.15	0.21	1.64	1.85	0.00	4,697.99	0.00	0.25	0.00	4,703.34
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

### 2.2 Overall Operational

#### Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Area	1.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Energy	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15
Mobile	1.64	4.28	15.22	0.03	2.93	0.18	3.11	0.04	0.16	0.20		2,592.82		0.11		2,595.07
<b>Total</b>	<b>2.78</b>	<b>4.35</b>	<b>15.28</b>	<b>0.03</b>	<b>2.93</b>	<b>0.18</b>	<b>3.12</b>	<b>0.04</b>	<b>0.16</b>	<b>0.21</b>		<b>2,681.43</b>		<b>0.11</b>	<b>0.00</b>	<b>2,684.22</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15
Mobile	1.64	4.28	15.22	0.03	2.93	0.18	3.11	0.04	0.16	0.20		2,592.82		0.11		2,595.07
<b>Total</b>	<b>2.78</b>	<b>4.35</b>	<b>15.28</b>	<b>0.03</b>	<b>2.93</b>	<b>0.18</b>	<b>3.12</b>	<b>0.04</b>	<b>0.16</b>	<b>0.21</b>		<b>2,681.43</b>		<b>0.11</b>	<b>0.00</b>	<b>2,684.22</b>

**3.0 Construction Detail**

**3.1 Mitigation Measures Construction**

- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved 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					
Off-Road	1.85	13.02	9.35	0.02		0.94	0.94		0.94	0.94		1,476.12		0.16		1,479.58
<b>Total</b>	<b>1.85</b>	<b>13.02</b>	<b>9.35</b>	<b>0.02</b>		<b>0.94</b>	<b>0.94</b>		<b>0.94</b>	<b>0.94</b>		<b>1,476.12</b>		<b>0.16</b>		<b>1,479.58</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	0.06	0.07	0.63	0.00	0.15	0.01	0.16	0.00	0.00	0.01		113.10		0.01		113.24
<b>Total</b>	<b>0.06</b>	<b>0.07</b>	<b>0.63</b>	<b>0.00</b>	<b>0.15</b>	<b>0.01</b>	<b>0.16</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>		<b>113.10</b>		<b>0.01</b>		<b>113.24</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					
Off-Road	1.85	13.02	9.35	0.02		0.94	0.94		0.94	0.94	0.00	1,476.12		0.16		1,479.58
<b>Total</b>	<b>1.85</b>	<b>13.02</b>	<b>9.35</b>	<b>0.02</b>		<b>0.94</b>	<b>0.94</b>		<b>0.94</b>	<b>0.94</b>	<b>0.00</b>	<b>1,476.12</b>		<b>0.16</b>		<b>1,479.58</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	0.06	0.07	0.63	0.00	0.12	0.01	0.12	0.00	0.00	0.01		113.10		0.01		113.24
<b>Total</b>	<b>0.06</b>	<b>0.07</b>	<b>0.63</b>	<b>0.00</b>	<b>0.12</b>	<b>0.01</b>	<b>0.12</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>		<b>113.10</b>		<b>0.01</b>		<b>113.24</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					0.75	0.00	0.75	0.41	0.00	0.41						0.00
Off-Road	1.85	13.02	9.35	0.02		0.94	0.94		0.94	0.94		1,476.12		0.16		1,479.58
<b>Total</b>	<b>1.85</b>	<b>13.02</b>	<b>9.35</b>	<b>0.02</b>	<b>0.75</b>	<b>0.94</b>	<b>1.69</b>	<b>0.41</b>	<b>0.94</b>	<b>1.35</b>		<b>1,476.12</b>		<b>0.16</b>		<b>1,479.58</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	1.72	18.62	9.98	0.03	17.56	0.75	18.31	0.03	0.69	0.73		3,108.77		0.08		3,110.52

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	0.06	0.07	0.63	0.00	0.15	0.01	0.16	0.00	0.00	0.01		113.10		0.01		113.24
<b>Total</b>	<b>1.78</b>	<b>18.69</b>	<b>10.61</b>	<b>0.03</b>	<b>17.71</b>	<b>0.76</b>	<b>18.47</b>	<b>0.03</b>	<b>0.69</b>	<b>0.74</b>		<b>3,221.87</b>		<b>0.09</b>		<b>3,223.76</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					0.32	0.00	0.32	0.18	0.00	0.18						0.00
Off-Road	1.85	13.02	9.35	0.02		0.94	0.94		0.94	0.94	0.00	1,476.12		0.16		1,479.58
<b>Total</b>	<b>1.85</b>	<b>13.02</b>	<b>9.35</b>	<b>0.02</b>	<b>0.32</b>	<b>0.94</b>	<b>1.26</b>	<b>0.18</b>	<b>0.94</b>	<b>1.12</b>	<b>0.00</b>	<b>1,476.12</b>		<b>0.16</b>		<b>1,479.58</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	1.72	18.62	9.98	0.03	13.02	0.75	13.77	0.03	0.69	0.73		3,108.77		0.08		3,110.52
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	0.06	0.07	0.63	0.00	0.12	0.01	0.12	0.00	0.00	0.01		113.10		0.01		113.24
<b>Total</b>	<b>1.78</b>	<b>18.69</b>	<b>10.61</b>	<b>0.03</b>	<b>13.14</b>	<b>0.76</b>	<b>13.89</b>	<b>0.03</b>	<b>0.69</b>	<b>0.74</b>		<b>3,221.87</b>		<b>0.09</b>		<b>3,223.76</b>

**3.4 Paving - 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	2.18	13.77	9.69	0.02		1.10	1.10		1.10	1.10		1,408.52		0.20		1,412.63
Paving	0.05					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>2.23</b>	<b>13.77</b>	<b>9.69</b>	<b>0.02</b>		<b>1.10</b>	<b>1.10</b>		<b>1.10</b>	<b>1.10</b>		<b>1,408.52</b>		<b>0.20</b>		<b>1,412.63</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	0.12	1.14	0.00	0.28	0.01	0.29	0.00	0.01	0.01		203.59		0.01		203.83
<b>Total</b>	<b>0.11</b>	<b>0.12</b>	<b>1.14</b>	<b>0.00</b>	<b>0.28</b>	<b>0.01</b>	<b>0.29</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>		<b>203.59</b>		<b>0.01</b>		<b>203.83</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	2.18	13.77	9.69	0.02		1.10	1.10		1.10	1.10	0.00	1,408.52		0.20		1,412.63
Paving	0.05					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>2.23</b>	<b>13.77</b>	<b>9.69</b>	<b>0.02</b>		<b>1.10</b>	<b>1.10</b>		<b>1.10</b>	<b>1.10</b>	<b>0.00</b>	<b>1,408.52</b>		<b>0.20</b>		<b>1,412.63</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	0.12	1.14	0.00	0.21	0.01	0.22	0.00	0.01	0.01		203.59		0.01		203.83
<b>Total</b>	<b>0.11</b>	<b>0.12</b>	<b>1.14</b>	<b>0.00</b>	<b>0.21</b>	<b>0.01</b>	<b>0.22</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>		<b>203.59</b>		<b>0.01</b>		<b>203.83</b>

**3.5 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	2.02	15.03	10.68	0.02		0.92	0.92		0.92	0.92		1,945.40		0.18		1,949.18
<b>Total</b>	<b>2.02</b>	<b>15.03</b>	<b>10.68</b>	<b>0.02</b>		<b>0.92</b>	<b>0.92</b>		<b>0.92</b>	<b>0.92</b>		<b>1,945.40</b>		<b>0.18</b>		<b>1,949.18</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	0.10	1.10	0.69	0.00	0.07	0.04	0.10	0.00	0.03	0.04		191.87		0.00		191.97
Worker	0.10	0.11	1.01	0.00	0.25	0.01	0.25	0.00	0.01	0.01		180.97		0.01		181.18

<b>Total</b>	<b>0.20</b>	<b>1.21</b>	<b>1.70</b>	<b>0.00</b>	<b>0.32</b>	<b>0.05</b>	<b>0.35</b>	<b>0.00</b>	<b>0.04</b>	<b>0.05</b>		<b>372.84</b>		<b>0.01</b>		<b>373.15</b>
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**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	2.02	15.03	10.68	0.02		0.92	0.92		0.92	0.92	0.00	1,945.40		0.18		1,949.18
<b>Total</b>	<b>2.02</b>	<b>15.03</b>	<b>10.68</b>	<b>0.02</b>		<b>0.92</b>	<b>0.92</b>		<b>0.92</b>	<b>0.92</b>	<b>0.00</b>	<b>1,945.40</b>		<b>0.18</b>		<b>1,949.18</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	0.10	1.10	0.69	0.00	0.05	0.04	0.09	0.00	0.03	0.04		191.87		0.00		191.97
Worker	0.10	0.11	1.01	0.00	0.18	0.01	0.19	0.00	0.01	0.01		180.97		0.01		181.18
<b>Total</b>	<b>0.20</b>	<b>1.21</b>	<b>1.70</b>	<b>0.00</b>	<b>0.23</b>	<b>0.05</b>	<b>0.28</b>	<b>0.00</b>	<b>0.04</b>	<b>0.05</b>		<b>372.84</b>		<b>0.01</b>		<b>373.15</b>

**3.6 Architectural Coating - 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	22.20					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>22.65</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	0.19	0.00	0.05	0.00	0.05	0.00	0.00	0.00		33.93		0.00		33.97
<b>Total</b>	<b>0.02</b>	<b>0.02</b>	<b>0.19</b>	<b>0.00</b>	<b>0.05</b>	<b>0.00</b>	<b>0.05</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>33.93</b>		<b>0.00</b>		<b>33.97</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	22.20					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>22.65</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
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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	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	0.02	0.02	0.19	0.00	0.03	0.00	0.04	0.00	0.00	0.00	0.00	33.93	0.00	0.00	0.00	33.97
<b>Total</b>	<b>0.02</b>	<b>0.02</b>	<b>0.19</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.04</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>33.93</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>33.97</b>

#### 4.0 Mobile Detail

##### 4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.64	4.28	15.22	0.03	2.93	0.18	3.11	0.04	0.16	0.20		2,592.82		0.11		2,595.07
Unmitigated	1.64	4.28	15.22	0.03	2.93	0.18	3.11	0.04	0.16	0.20		2,592.82		0.11		2,595.07
<b>Total</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

##### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

General Office Building	276.90	59.61	24.65	670,067	670,067
Parking Lot	0.00	0.00	0.00		
Total	276.90	59.61	24.65	670,067	670,067

### 4.3 Trip Type Information

Land Use	Miles			Trip %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Office Building	8.90	13.30	7.40	33.00	48.00	19.00
Parking Lot	8.90	13.30	7.40	0.00	0.00	0.00

## 5.0 Energy Detail

### 5.1 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	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15
NaturalGas Unmitigated	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

### 5.2 Energy by Land Use - NaturalGas

#### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	753.152	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15
Parking Lot	0	0.00	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>0.07</b>	<b>0.06</b>	<b>0.00</b>		<b>0.00</b>	<b>0.01</b>		<b>0.00</b>	<b>0.01</b>		<b>88.61</b>		<b>0.00</b>	<b>0.00</b>	<b>89.15</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	0.753152	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15
Parking Lot	0	0.00	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>0.07</b>	<b>0.06</b>	<b>0.00</b>		<b>0.00</b>	<b>0.01</b>		<b>0.00</b>	<b>0.01</b>		<b>88.61</b>		<b>0.00</b>	<b>0.00</b>	<b>89.15</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed
- Use Low VOC Cleaning Supplies

	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	1.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	1.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

## 6.2 Area by SubCategory

### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.27					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.85					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	1.12	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00

### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.27					0.00	0.00		0.00	0.00						0.00

Consumer Products	0.85					0.00	0.00		0.00	0.00					0.00
Landscaping	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>1.12</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>

## 7.0 Water Detail

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### 7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

## 9.0 Vegetation

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**Schroeder Hall**  
**South Coast AQMD Air District, Summer**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric
General Office Building	25.15	1000sqft
Parking Lot	18	1000sqft

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>		<b>Utility Company</b>	Southern California Edison
<b>Climate Zone</b>	9		2.2		
		<b>Precipitation Freq (Days)</b>			
			31		

**1.3 User Entered Comments**

- Project Characteristics -
- Land Use - interior improvements and elevator/catwalk construction only
- Construction Phase - schedule
- Grading -
- Construction Off-road Equipment Mitigation -
- Mobile Land Use Mitigation -
- Area Mitigation -
- Water Mitigation -

Waste Mitigation -

## 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	22.67	30.82	19.21	0.05	18.46	1.69	20.15	0.45	1.63	2.08	0.00	4,725.27	0.00	0.25	0.00	4,730.58
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	22.67	30.82	19.21	0.05	13.46	1.69	15.14	0.21	1.63	1.84	0.00	4,725.27	0.00	0.25	0.00	4,730.58
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

### 2.2 Overall Operational

#### Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Area	1.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Energy	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00
Mobile	1.55	3.98	15.73	0.03	2.93	0.18	3.11	0.04	0.15	0.20		2,790.27		0.10	
<b>Total</b>	<b>2.69</b>	<b>4.05</b>	<b>15.79</b>	<b>0.03</b>	<b>2.93</b>	<b>0.18</b>	<b>3.12</b>	<b>0.04</b>	<b>0.15</b>	<b>0.21</b>		<b>2,878.88</b>		<b>0.10</b>	<b>0.00</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15
Mobile	1.55	3.98	15.73	0.03	2.93	0.18	3.11	0.04	0.15	0.20		2,790.27		0.10		2,792.46
<b>Total</b>	<b>2.69</b>	<b>4.05</b>	<b>15.79</b>	<b>0.03</b>	<b>2.93</b>	<b>0.18</b>	<b>3.12</b>	<b>0.04</b>	<b>0.15</b>	<b>0.21</b>		<b>2,878.88</b>		<b>0.10</b>	<b>0.00</b>	<b>2,881.61</b>

**3.0 Construction Detail**

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### 3.1 Mitigation Measures Construction

- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved 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					
Off-Road	1.85	13.02	9.35	0.02		0.94	0.94		0.94	0.94		1,476.12		0.16		1,479.58
<b>Total</b>	<b>1.85</b>	<b>13.02</b>	<b>9.35</b>	<b>0.02</b>		<b>0.94</b>	<b>0.94</b>		<b>0.94</b>	<b>0.94</b>		<b>1,476.12</b>		<b>0.16</b>		<b>1,479.58</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	0.06	0.06	0.69	0.00	0.15	0.01	0.16	0.00	0.00	0.01		123.84		0.01		123.98
<b>Total</b>	<b>0.06</b>	<b>0.06</b>	<b>0.69</b>	<b>0.00</b>	<b>0.15</b>	<b>0.01</b>	<b>0.16</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>		<b>123.84</b>		<b>0.01</b>		<b>123.98</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	1.85	13.02	9.35	0.02		0.94	0.94		0.94	0.94	0.00	1,476.12		0.16		1,479.58
<b>Total</b>	<b>1.85</b>	<b>13.02</b>	<b>9.35</b>	<b>0.02</b>		<b>0.94</b>	<b>0.94</b>		<b>0.94</b>	<b>0.94</b>	<b>0.00</b>	<b>1,476.12</b>		<b>0.16</b>		<b>1,479.58</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	0.06	0.06	0.69	0.00	0.12	0.01	0.12	0.00	0.00	0.01		123.84		0.01		123.98
<b>Total</b>	<b>0.06</b>	<b>0.06</b>	<b>0.69</b>	<b>0.00</b>	<b>0.12</b>	<b>0.01</b>	<b>0.12</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>		<b>123.84</b>		<b>0.01</b>		<b>123.98</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					0.75	0.00	0.75	0.41	0.00	0.41						0.00
Off-Road	1.85	13.02	9.35	0.02		0.94	0.94		0.94	0.94		1,476.12		0.16		1,479.58

<b>Total</b>	<b>1.85</b>	<b>13.02</b>	<b>9.35</b>	<b>0.02</b>	<b>0.75</b>	<b>0.94</b>	<b>1.69</b>	<b>0.41</b>	<b>0.94</b>	<b>1.35</b>		<b>1,476.12</b>		<b>0.16</b>		<b>1,479.58</b>
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**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	1.68	17.74	9.17	0.03	17.56	0.75	18.30	0.03	0.69	0.72		3,125.30		0.08		3,127.01
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	0.06	0.06	0.69	0.00	0.15	0.01	0.16	0.00	0.00	0.01		123.84		0.01		123.98
<b>Total</b>	<b>1.74</b>	<b>17.80</b>	<b>9.86</b>	<b>0.03</b>	<b>17.71</b>	<b>0.76</b>	<b>18.46</b>	<b>0.03</b>	<b>0.69</b>	<b>0.73</b>		<b>3,249.14</b>		<b>0.09</b>		<b>3,250.99</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					0.32	0.00	0.32	0.18	0.00	0.18						0.00
Off-Road	1.85	13.02	9.35	0.02		0.94	0.94		0.94	0.94	0.00	1,476.12		0.16		1,479.58
<b>Total</b>	<b>1.85</b>	<b>13.02</b>	<b>9.35</b>	<b>0.02</b>	<b>0.32</b>	<b>0.94</b>	<b>1.26</b>	<b>0.18</b>	<b>0.94</b>	<b>1.12</b>	<b>0.00</b>	<b>1,476.12</b>		<b>0.16</b>		<b>1,479.58</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	1.68	17.74	9.17	0.03	13.02	0.75	13.77	0.03	0.69	0.72		3,125.30		0.08		3,127.01
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	0.06	0.06	0.69	0.00	0.12	0.01	0.12	0.00	0.00	0.01		123.84		0.01		123.98
<b>Total</b>	<b>1.74</b>	<b>17.80</b>	<b>9.86</b>	<b>0.03</b>	<b>13.14</b>	<b>0.76</b>	<b>13.89</b>	<b>0.03</b>	<b>0.69</b>	<b>0.73</b>		<b>3,249.14</b>		<b>0.09</b>		<b>3,250.99</b>

### 3.4 Paving - 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	2.18	13.77	9.69	0.02		1.10	1.10		1.10	1.10		1,408.52		0.20		1,412.63
Paving	0.05					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>2.23</b>	<b>13.77</b>	<b>9.69</b>	<b>0.02</b>		<b>1.10</b>	<b>1.10</b>		<b>1.10</b>	<b>1.10</b>		<b>1,408.52</b>		<b>0.20</b>		<b>1,412.63</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	0.10	1.24	0.00	0.28	0.01	0.29	0.00	0.01	0.01		222.92		0.01		223.17
<b>Total</b>	<b>0.10</b>	<b>0.10</b>	<b>1.24</b>	<b>0.00</b>	<b>0.28</b>	<b>0.01</b>	<b>0.29</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>		<b>222.92</b>		<b>0.01</b>		<b>223.17</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	2.18	13.77	9.69	0.02		1.10	1.10		1.10	1.10	0.00	1,408.52		0.20		1,412.63
Paving	0.05					0.00	0.00		0.00	0.00						0.00
<b>Total</b>	<b>2.23</b>	<b>13.77</b>	<b>9.69</b>	<b>0.02</b>		<b>1.10</b>	<b>1.10</b>		<b>1.10</b>	<b>1.10</b>	<b>0.00</b>	<b>1,408.52</b>		<b>0.20</b>		<b>1,412.63</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	0.10	1.24	0.00	0.21	0.01	0.22	0.00	0.01	0.01		222.92		0.01		223.17
<b>Total</b>	<b>0.10</b>	<b>0.10</b>	<b>1.24</b>	<b>0.00</b>	<b>0.21</b>	<b>0.01</b>	<b>0.22</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>		<b>222.92</b>		<b>0.01</b>		<b>223.17</b>

**3.5 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	2.02	15.03	10.68	0.02		0.92	0.92		0.92	0.92		1,945.40		0.18		1,949.18
<b>Total</b>	<b>2.02</b>	<b>15.03</b>	<b>10.68</b>	<b>0.02</b>		<b>0.92</b>	<b>0.92</b>		<b>0.92</b>	<b>0.92</b>		<b>1,945.40</b>		<b>0.18</b>		<b>1,949.18</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	0.09	1.06	0.61	0.00	0.07	0.04	0.10	0.00	0.03	0.03		193.41		0.00		193.51
Worker	0.09	0.09	1.10	0.00	0.25	0.01	0.25	0.00	0.01	0.01		198.15		0.01		198.38
<b>Total</b>	<b>0.18</b>	<b>1.15</b>	<b>1.71</b>	<b>0.00</b>	<b>0.32</b>	<b>0.05</b>	<b>0.35</b>	<b>0.00</b>	<b>0.04</b>	<b>0.04</b>		<b>391.56</b>		<b>0.01</b>		<b>391.89</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	2.02	15.03	10.68	0.02		0.92	0.92		0.92	0.92	0.00	1,945.40		0.18		1,949.18
<b>Total</b>	<b>2.02</b>	<b>15.03</b>	<b>10.68</b>	<b>0.02</b>		<b>0.92</b>	<b>0.92</b>		<b>0.92</b>	<b>0.92</b>	<b>0.00</b>	<b>1,945.40</b>		<b>0.18</b>		<b>1,949.18</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	0.09	1.06	0.61	0.00	0.05	0.04	0.09	0.00	0.03	0.03		193.41		0.00		193.51
Worker	0.09	0.09	1.10	0.00	0.18	0.01	0.19	0.00	0.01	0.01		198.15		0.01		198.38

<b>Total</b>	<b>0.18</b>	<b>1.15</b>	<b>1.71</b>	<b>0.00</b>	<b>0.23</b>	<b>0.05</b>	<b>0.28</b>	<b>0.00</b>	<b>0.04</b>	<b>0.04</b>		<b>391.56</b>		<b>0.01</b>		<b>391.89</b>
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### 3.6 Architectural Coating - 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	22.20					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>22.65</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	0.21	0.00	0.05	0.00	0.05	0.00	0.00	0.00		37.15		0.00		37.20
<b>Total</b>	<b>0.02</b>	<b>0.02</b>	<b>0.21</b>	<b>0.00</b>	<b>0.05</b>	<b>0.00</b>	<b>0.05</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>37.15</b>		<b>0.00</b>		<b>37.20</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	22.20					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>22.65</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	0.21	0.00	0.03	0.00	0.04	0.00	0.00	0.00		37.15		0.00		37.20
<b>Total</b>	<b>0.02</b>	<b>0.02</b>	<b>0.21</b>	<b>0.00</b>	<b>0.03</b>	<b>0.00</b>	<b>0.04</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>37.15</b>		<b>0.00</b>		<b>37.20</b>

**4.0 Mobile Detail**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
	Mitigated	1.55	3.98	15.73	0.03	2.93	0.18	3.11	0.04	0.15	0.20	2,790.27		0.10		2,792.46
Unmitigated	1.55	3.98	15.73	0.03	2.93	0.18	3.11	0.04	0.15	0.20	2,790.27		0.10		2,792.46	
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	276.90	59.61	24.65	670,067	670,067
Parking Lot	0.00	0.00	0.00		
Total	276.90	59.61	24.65	670,067	670,067

#### 4.3 Trip Type Information

Land Use	Miles			Trip %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Office Building	8.90	13.30	7.40	33.00	48.00	19.00
Parking Lot	8.90	13.30	7.40	0.00	0.00	0.00

### 5.0 Energy Detail

#### 5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15
NaturalGas Unmitigated	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

## 5.2 Energy by Land Use - NaturalGas

### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	753.152	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15
Parking Lot	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15

### Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	0.753152	0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15
Parking Lot	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		0.01	0.07	0.06	0.00		0.00	0.01		0.00	0.01		88.61		0.00	0.00	89.15

## 6.0 Area Detail

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**6.1 Mitigation Measures Area**

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed
- Use Low VOC Cleaning Supplies

	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	1.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	1.13	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.27					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.85					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00

Total	1.12	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
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**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.27					0.00	0.00		0.00	0.00						0.00
Consumer Products	0.85					0.00	0.00		0.00	0.00						0.00
Landscaping	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>1.12</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>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Vegetation**

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**Schroeder Hall**  
**South Coast AQMD Air District, Annual**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric
General Office Building	25.15	1000sqft
Parking Lot	18	1000sqft

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>		<b>Utility Company</b>	Southern California Edison
<b>Climate Zone</b>	9		2.2		
		<b>Precipitation Freq (Days)</b>			
			31		

**1.3 User Entered Comments**

- Project Characteristics -
- Land Use - interior improvements and elevator/catwalk construction only
- Construction Phase - schedule
- Grading -
- Construction Off-road Equipment Mitigation -
- Mobile Land Use Mitigation -
- Area Mitigation -
- Water Mitigation -

Waste Mitigation -

## 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	0.71	1.54	1.14	0.00	0.19	0.10	0.28	0.00	0.10	0.10	0.00	195.36	195.36	0.02	0.00	195.71
<b>Total</b>	<b>0.71</b>	<b>1.54</b>	<b>1.14</b>	<b>0.00</b>	<b>0.19</b>	<b>0.10</b>	<b>0.28</b>	<b>0.00</b>	<b>0.10</b>	<b>0.10</b>	<b>0.00</b>	<b>195.36</b>	<b>195.36</b>	<b>0.02</b>	<b>0.00</b>	<b>195.71</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					
2014	0.71	1.54	1.14	0.00	0.14	0.10	0.23	0.00	0.10	0.10	0.00	195.36	195.36	0.02	0.00	195.71
<b>Total</b>	<b>0.71</b>	<b>1.54</b>	<b>1.14</b>	<b>0.00</b>	<b>0.14</b>	<b>0.10</b>	<b>0.23</b>	<b>0.00</b>	<b>0.10</b>	<b>0.10</b>	<b>0.00</b>	<b>195.36</b>	<b>195.36</b>	<b>0.02</b>	<b>0.00</b>	<b>195.71</b>

### 2.2 Overall Operational

#### Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Area	0.21	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
Energy	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	120.97	120.97	0.01	0.00	121.72
Mobile	0.21	0.56	2.13	0.00	0.36	0.02	0.39	0.01	0.02	0.03	0.00	331.77	331.77	0.01	0.00	332.05
Waste						0.00	0.00		0.00	0.00	4.75	0.00	4.75	0.28	0.00	10.64
Water						0.00	0.00		0.00	0.00	0.00	25.83	25.83	0.14	0.00	29.91
<b>Total</b>	<b>0.42</b>	<b>0.57</b>	<b>2.14</b>	<b>0.00</b>	<b>0.36</b>	<b>0.02</b>	<b>0.39</b>	<b>0.01</b>	<b>0.02</b>	<b>0.03</b>	<b>4.75</b>	<b>478.57</b>	<b>483.32</b>	<b>0.44</b>	<b>0.00</b>	<b>494.32</b>

### **Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.21	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
Energy	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	120.97	120.97	0.01	0.00	121.72
Mobile	0.21	0.56	2.13	0.00	0.36	0.02	0.39	0.01	0.02	0.03	0.00	331.77	331.77	0.01	0.00	332.05
Waste						0.00	0.00		0.00	0.00	2.37	0.00	2.37	0.14	0.00	5.32
Water						0.00	0.00		0.00	0.00	0.00	22.44	22.44	0.11	0.00	25.71
<b>Total</b>	<b>0.42</b>	<b>0.57</b>	<b>2.14</b>	<b>0.00</b>	<b>0.36</b>	<b>0.02</b>	<b>0.39</b>	<b>0.01</b>	<b>0.02</b>	<b>0.03</b>	<b>2.37</b>	<b>475.18</b>	<b>477.55</b>	<b>0.27</b>	<b>0.00</b>	<b>484.80</b>

## **3.0 Construction Detail**

### **3.1 Mitigation Measures Construction**

- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads  
 Clean Paved 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	tons/yr										MT/yr					
Off-Road	0.02	0.14	0.10	0.00		0.01	0.01		0.01	0.01	0.00	14.73	14.73	0.00	0.00	14.76
<b>Total</b>	<b>0.02</b>	<b>0.14</b>	<b>0.10</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>14.73</b>	<b>14.73</b>	<b>0.00</b>	<b>0.00</b>	<b>14.76</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	1.16	1.16	0.00	0.00	1.16
<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>1.16</b>	<b>1.16</b>	<b>0.00</b>	<b>0.00</b>	<b>1.16</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
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Category	tons/yr										MT/yr					
	Off-Road	0.02	0.14	0.10	0.00		0.01	0.01		0.01	0.01	0.00	14.73	14.73	0.00	0.00
<b>Total</b>	<b>0.02</b>	<b>0.14</b>	<b>0.10</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>14.73</b>	<b>14.73</b>	<b>0.00</b>	<b>0.00</b>	<b>14.76</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	0.00	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	1.16	1.16	0.00	0.00	1.16
<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>1.16</b>	<b>1.16</b>	<b>0.00</b>	<b>0.00</b>	<b>1.16</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					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.02	0.13	0.09	0.00		0.01	0.01		0.01	0.01	0.00	13.39	13.39	0.00	0.00	13.42
<b>Total</b>	<b>0.02</b>	<b>0.13</b>	<b>0.09</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	<b>13.39</b>	<b>13.39</b>	<b>0.00</b>	<b>0.00</b>	<b>13.42</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	0.02	0.18	0.10	0.00	0.16	0.01	0.17	0.00	0.01	0.01	0.00	28.29	28.29	0.00	0.00	28.31
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	1.06	1.06	0.00	0.00	1.06
<b>Total</b>	<b>0.02</b>	<b>0.18</b>	<b>0.11</b>	<b>0.00</b>	<b>0.16</b>	<b>0.01</b>	<b>0.17</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	<b>29.35</b>	<b>29.35</b>	<b>0.00</b>	<b>0.00</b>	<b>29.37</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	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	0.02	0.13	0.09	0.00		0.01	0.01		0.01	0.01	0.00	13.39	13.39	0.00	0.00	13.42
<b>Total</b>	<b>0.02</b>	<b>0.13</b>	<b>0.09</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>13.39</b>	<b>13.39</b>	<b>0.00</b>	<b>0.00</b>	<b>13.42</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	0.02	0.18	0.10	0.00	0.12	0.01	0.12	0.00	0.01	0.01	0.00	28.29	28.29	0.00	0.00	28.31
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	1.06	1.06	0.00	0.00	1.06
<b>Total</b>	<b>0.02</b>	<b>0.18</b>	<b>0.11</b>	<b>0.00</b>	<b>0.12</b>	<b>0.01</b>	<b>0.12</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	<b>29.35</b>	<b>29.35</b>	<b>0.00</b>	<b>0.00</b>	<b>29.37</b>

### 3.4 Paving - 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	0.02	0.14	0.10	0.00		0.01	0.01		0.01	0.01	0.00	13.41	13.41	0.00	0.00	13.45
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>0.02</b>	<b>0.14</b>	<b>0.10</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>13.41</b>	<b>13.41</b>	<b>0.00</b>	<b>0.00</b>	<b>13.45</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	1.99	1.99	0.00	0.00	2.00
<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>1.99</b>	<b>1.99</b>	<b>0.00</b>	<b>0.00</b>	<b>2.00</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	0.02	0.14	0.10	0.00		0.01	0.01		0.01	0.01	0.00	13.41	13.41	0.00	0.00	13.45

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>0.02</b>	<b>0.14</b>	<b>0.10</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>13.41</b>	<b>13.41</b>	<b>0.00</b>	<b>0.00</b>	<b>13.45</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	0.00	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	1.99	1.99	0.00	0.00	2.00
<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>1.99</b>	<b>1.99</b>	<b>0.00</b>	<b>0.00</b>	<b>2.00</b>

**3.5 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	0.11	0.82	0.58	0.00		0.05	0.05		0.05	0.05	0.00	96.16	96.16	0.01	0.00	96.34
<b>Total</b>	<b>0.11</b>	<b>0.82</b>	<b>0.58</b>	<b>0.00</b>		<b>0.05</b>	<b>0.05</b>		<b>0.05</b>	<b>0.05</b>	<b>0.00</b>	<b>96.16</b>	<b>96.16</b>	<b>0.01</b>	<b>0.00</b>	<b>96.34</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	0.00
Vendor	0.01	0.06	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	9.53	9.53	0.00	0.00		9.54
Worker	0.00	0.01	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	9.20	9.20	0.00	0.00		9.21
<b>Total</b>	<b>0.01</b>	<b>0.07</b>	<b>0.10</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.02</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>18.73</b>	<b>18.73</b>	<b>0.00</b>	<b>0.00</b>		<b>18.75</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	0.11	0.82	0.58	0.00		0.05	0.05		0.05	0.05	0.00	96.16	96.16	0.01	0.00	96.34
<b>Total</b>	<b>0.11</b>	<b>0.82</b>	<b>0.58</b>	<b>0.00</b>		<b>0.05</b>	<b>0.05</b>		<b>0.05</b>	<b>0.05</b>	<b>0.00</b>	<b>96.16</b>	<b>96.16</b>	<b>0.01</b>	<b>0.00</b>	<b>96.34</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	0.00	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	0.01	0.06	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.53	9.53	0.00	0.00	9.54
Worker	0.00	0.01	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	9.20	9.20	0.00	0.00	9.21
<b>Total</b>	<b>0.01</b>	<b>0.07</b>	<b>0.10</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>18.73</b>	<b>18.73</b>	<b>0.00</b>	<b>0.00</b>	<b>18.75</b>

**3.6 Architectural Coating - 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	0.50					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.06	0.04	0.00		0.01	0.01		0.01	0.01	0.00	5.74	5.74	0.00	0.00	5.76
<b>Total</b>	<b>0.51</b>	<b>0.06</b>	<b>0.04</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>5.74</b>	<b>5.74</b>	<b>0.00</b>	<b>0.00</b>	<b>5.76</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	0.71	0.71	0.00	0.00	0.71
<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>0.71</b>	<b>0.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.71</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	0.50					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.06	0.04	0.00		0.01	0.01		0.01	0.01	0.00	5.74	5.74	0.00	0.00	5.76
<b>Total</b>	<b>0.51</b>	<b>0.06</b>	<b>0.04</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>5.74</b>	<b>5.74</b>	<b>0.00</b>	<b>0.00</b>	<b>5.76</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	0.00	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	0.71	0.71	0.00	0.00	0.71
<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>0.71</b>	<b>0.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.71</b>

**4.0 Mobile Detail**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.21	0.56	2.13	0.00	0.36	0.02	0.39	0.01	0.02	0.03	0.00	331.77	331.77	0.01	0.00	332.05
Unmitigated	0.21	0.56	2.13	0.00	0.36	0.02	0.39	0.01	0.02	0.03	0.00	331.77	331.77	0.01	0.00	332.05
<b>Total</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	276.90	59.61	24.65	670,067	670,067
Parking Lot	0.00	0.00	0.00		
Total	276.90	59.61	24.65	670,067	670,067

#### 4.3 Trip Type Information

Land Use	Miles			Trip %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Office Building	8.90	13.30	7.40	33.00	48.00	19.00
Parking Lot	8.90	13.30	7.40	0.00	0.00	0.00

### 5.0 Energy Detail

#### 5.1 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						0.00	0.00		0.00	0.00	0.00	106.30	106.30	0.00	0.00	106.96
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	106.30	106.30	0.00	0.00	106.96
Natural Gas Mitigated	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	14.67	14.67	0.00	0.00	14.76

NaturalGas Unmitigated	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	14.67	14.67	0.00	0.00	14.76
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					
General Office Building	274900	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	14.67	14.67	0.00	0.00	14.76
Parking Lot	0	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
<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>14.67</b>	<b>14.67</b>	<b>0.00</b>	<b>0.00</b>	<b>14.76</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					
General Office Building	274900	0.00	0.01	0.01	0.00		0.00	0.00		0.00	0.00	0.00	14.67	14.67	0.00	0.00	14.76
Parking Lot	0	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
<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>14.67</b>	<b>14.67</b>	<b>0.00</b>	<b>0.00</b>	<b>14.76</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			

General Office Building	365444					106.30	0.00	0.00	106.96
Parking Lot	0					0.00	0.00	0.00	0.00
<b>Total</b>						<b>106.30</b>	<b>0.00</b>	<b>0.00</b>	<b>106.96</b>

**Mitigated**

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
General Office Building	365444					106.30	0.00	0.00	106.96
Parking Lot	0					0.00	0.00	0.00	0.00
<b>Total</b>						<b>106.30</b>	<b>0.00</b>	<b>0.00</b>	<b>106.96</b>

**6.0 Area Detail**

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**6.1 Mitigation Measures Area**

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed
- Use Low VOC Cleaning Supplies

	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	0.21	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
Unmitigated	0.21	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
<b>Total</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

## 6.2 Area by SubCategory

### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.05					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.16					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	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
<b>Total</b>	<b>0.21</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>

### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.05					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.16					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	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
<b>Total</b>	<b>0.21</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>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					22.44	0.11	0.00	25.71
Unmitigated					25.83	0.14	0.00	29.91
<b>Total</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

### 7.2 Water by Land Use

#### Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
General Office Building	4.47 / 2.73968					25.83	0.14	0.00	29.91
Parking Lot	0 / 0					0.00	0.00	0.00	0.00



Total						25.83	0.14	0.00	29.91
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**Mitigated**

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
General Office Building	3.576 / 2.73968					22.44	0.11	0.00	25.71
Parking Lot	0 / 0					0.00	0.00	0.00	0.00
Total						22.44	0.11	0.00	25.71

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

**Category/Year**

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					2.37	0.14	0.00	5.32
Unmitigated					4.75	0.28	0.00	10.64
Total	NA	NA	NA	NA	NA	NA	NA	NA

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
General Office Building	23.39					4.75	0.28	0.00	10.64
Parking Lot	0					0.00	0.00	0.00	0.00
<b>Total</b>						<b>4.75</b>	<b>0.28</b>	<b>0.00</b>	<b>10.64</b>

**Mitigated**

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
General Office Building	11.695					2.37	0.14	0.00	5.32
Parking Lot	0					0.00	0.00	0.00	0.00
<b>Total</b>						<b>2.37</b>	<b>0.14</b>	<b>0.00</b>	<b>5.32</b>

**9.0 Vegetation**

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