

**Appendix A**

**Energy Consumption and GHG Emmissions**

**From: 2012-01-01 To: 2012-12-31**

Facility Name	Address	Total Area (m2)	Average Hours/Day	Fuel Types	Consumption	Cost (\$)	Energy (ekWh/yr)	GHG Emissions (kg CO2e/yr)	GHG Intensity (kg CO2e/m2)	Energy Intensity
<b>Facility Primary Type: Office</b>										
Municipal Office	4639 Lobsinger Line	1291	5.70	Propane	9807.34 L	0.00	68951.01	15112.95	11.71	53.41 (ekWh/m2)
				Elect.	65852.22 kWh	0.00	65852.22	6456.15	5.00	51.01 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>134803.24</b>	<b>21569.10</b>		
<b>Facility Primary Type: Library</b>										
Wellesley Library	1137 Henry Street	306	2.99	NG	5467.00 m3	0.00	58102.06	10336.06	33.78	189.88 (ekWh/m2)
				Elect.	14907.00 kWh	0.00	14907.00	1461.48	4.78	48.72 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>73009.06</b>	<b>11797.54</b>		
<b>Facility Primary Type: Fire</b>										
Linwood Fire Station	32 Adelaide Street	388	0.70	NG	18123.00 m3	0.00	192607.20	34263.83	88.31	496.41 (ekWh/m2)
				Elect.	22176.00 kWh	0.00	22176.00	2174.14	5.60	57.15 (ekWh/m2)
St Clements Fire Station	2671 Hergott Road	283	0.70	NG	5068.00 m3	0.00	53861.57	9581.70	33.86	190.32 (ekWh/m2)
				Elect.	10544.00 kWh	0.00	10544.00	1033.73	3.65	37.26 (ekWh/m2)
Wellesley Fire Station	1379 Queens Bush Road	575	0.70	NG	4984.00 m3	0.00	52968.84	9422.88	16.39	92.12 (ekWh/m2)
				Elect.	15244.00 kWh	0.00	15244.00	1494.52	2.60	26.51 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>347401.62</b>	<b>57970.81</b>		
<b>Facility Primary Type: Community Centre</b>										
Wellesley Community Centre	1000 Maple leaf Street	1077	23.93	NG	17145.00 m3	0.00	182213.24	32414.80	30.10	169.19 (ekWh/m2)
				Elect.	35419.00 kWh	0.00	35419.00	3472.48	3.22	32.89 (ekWh/m2)
Linwood Community Centre	5279 Ament Line	1188	2.74	NG	15352.00 m3	0.00	163157.63	29024.91	24.43	137.34 (ekWh/m2)
				Elect.	85206.00 kWh	0.00	85206.00	8353.60	7.03	71.72 (ekWh/m2)
Hawkesville Community Centre	3521 Broadway Street	400	2.74	NG	9511.00 m3	0.00	101080.79	17981.75	44.95	252.70 (ekWh/m2)
				Elect.	5165.00 kWh	0.00	5165.00	506.38	1.27	12.91 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>572241.66</b>	<b>91753.91</b>		

<b>Facility Primary Type: Recreation Complex</b>										
St Clements Recreation Complex	1 Green Street	3740	23.93	NG	34500.00 m3	0.00	366658.31	65226.63	17.44	98.04 (ekWh/m2)
				Elect.	487697.00 kWh	0.00	487697.00	47813.81	12.78	130.40 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>854355.31</b>	<b>113040.45</b>		
<b>Facility Primary Type: Public Works</b>										
Municipal Office	4639 Lobsinger Line	1010	5.70	Propane	7672.66 L	0.00	53943.09	11823.45	11.71	53.41 (ekWh/m2)
				Elect.	51518.78 kWh	0.00	51518.78	5050.90	5.00	51.01 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>105461.87</b>	<b>16874.35</b>		
<b>Facility Primary Type: Town Hall</b>										
Council Chambers	4805 William Hasting Line	164	0.16	Propane	2246.00 L	0.00	15790.63	3461.05	21.10	96.28 (ekWh/m2)
				Elect.	5191.00 kWh	0.00	5191.00	508.93	3.10	31.65 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>20981.63</b>	<b>3969.98</b>		
<b>Facility Primary Type: Single-Pad Arena</b>										
Wellesley Arena	1004 Catherine Street	2729	11.97	NG	21502.00 m3	0.00	228518.46	40652.26	14.90	83.74 (ekWh/m2)
				Elect.	387575.00 kWh	0.00	387575.00	37997.85	13.92	142.02 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>616093.46</b>	<b>78650.11</b>		
<b>Facility Primary Type: Storage Facility</b>										
Old Fire Hall Wellesley	1000 Mapleleaf Street	187	0.00	NG	340.00 m3	0.00	3613.44	642.81	3.44	19.32 (ekWh/m2)
				Elect.	309.00 kWh	0.00	309.00	30.29	0.16	1.65 (ekWh/m2)
<b>Facility Type Total:</b>						<b>0.00</b>	<b>3922.44</b>	<b>673.11</b>		
<b>Grand Total:</b>						<b>0.00</b>	<b>2728270.27</b>	<b>396299.35</b>		