

The Corporation of the City of Belleville

Energy Consumption and Greenhouse Gas
Emissions Reporting for 2022

January 1st, 2022, to December 31st, 2022



Energy Consumption and Greenhouse Gas Emissions

Ontario Regulation 25/23 ([O. Reg. 25/23](#)) requires public agencies including municipalities to report annually to the Ministry of Energy on their energy use and greenhouse gas emissions. Table 1 is the data reported to the Ministry of Energy for the period **January 2022 to December 2022**. The City of Belleville reports for the Municipality sector, Municipal sub-sector. A hard copy of this document is available upon request.

Table 1: Energy Consumption and Greenhouse Gas Emissions for 2022

Property Name	Address	Total Floor Area (sq. m)	Average Hours	Property Gross Floor Area (m ²)	Natural Gas Use (therms)	Propane Use (GJ)	Electricity Use - Grid Purchase (kWh)	Total (Location-Based) GHG Emissions (Metric Tons CO ₂ e)
Arena - Memorial (permanently closed, March 1, 2022)	15 Market Square	4171	1	4171	0	0	2412.4	0.1
Belleville Public Library	254-256 Pinnacle St.	3529.9	98	3529.9	15325.8	0	434374.6	93.5
Canteens - George St.	75 George St.	296.9	49	296.9	3190	0	40350.7	18.1
City Hall	169 Front ST	3291.9	60	3291.9	10846.3	0	311941.6	66.3
City Prof. Bldg. 179 - 185 Pinnacle	179 - 185 Pinnacle	965.9	40	965.9	4977.7	0	71596.2	28.4
Club - Lawn Bowling	69 Centre St.	564.9	20	564.9	1035.9	0	9946.8	5.8
Club - Rowing - Indoor	35 Keegan Pkwy	1121	30	1121	0	0	1948.6	0.1
Club - Tennis - Outdoor	221 Dufferin	105	20	105	0	0	1476.3	0
Community Centre - Parkdale	599 Sidney St.	76.9	25	76.9	1244	0	14455.3	7
Fire Hall #4	516 Harmony Road	232	20	232	511.8	0	167.5	2.7

Property Name	Address	Total Floor Area (sq. m)	Average Hours	Property Gross Floor Area (m²)	Natural Gas Use (therms)	Propane Use (GJ)	Electricity Use - Grid Purchase (kWh)	Total (Location-Based) GHG Emissions (Metric Tons CO₂e)
Community Centre - Thurlow	516 Harmony Road	259.9	25	259.9	0	0	111.6	0
EOS/TOS Operational Centre	31 Wallbridge Cres.	3716	168	3716	14614.4	0	222945.2	83.8
Fire Hall # 1 (NEW)	60 Bettes St.	2089.9	168	2089.9	19275.1	0	247043	109.2
Fire Hall #2	72 Moira St. W	465	168	465	4516	0	52550.2	25.4
Fire Hall #3	4867 Old Highway #2	753.6	20	753.6	0	156.3	15233.8	10
Fire Hall #5	26/30 Hoskins Rd.	252.7	20	252.7	0	254.1	6029	15.7
Glanmore National Historic Site	257 Bridge St. E	517.9	40	517.9	4214.3	0	30425.8	23.2
Kinsmen Pool	151 Dundas St. E	697	20	697	5199.7	0	82082.5	29.9
Meyers Pier	1 South Front St.	694.9	20	694.9	0	0	1659.8	0
Parks Bldg. 259 North Park St.	259 North Park St.	791	70	791	8548.4	0	58922.7	47
Police Services	459 Sidney St. W.	6503.1	168	6503.1	52154.5	0	1215132.1	310.7
Police Services Facility	93 Dundas St. E	3112	168	3112	9214.5	0	163726.5	53.5
Property Maintenance- Sidney Smith	74 South Foster	233.9	40	233.9	1638.2	0	6178	8.9
Public Utilities & Veridian - N. Britton	195 College St. W	2914	40	2914	0	0	4719.2	0.1
Public Works	29 Ritz Road	1858	70	1858	5850.9	0	50583.1	32.5

Property Name	Address	Total Floor Area (sq. m)	Average Hours	Property Gross Floor Area (m²)	Natural Gas Use (therms)	Propane Use (GJ)	Electricity Use - Grid Purchase (kWh)	Total (Location-Based) GHG Emissions (Metric Tons CO₂e)
PW - Joe Angelo Operations Centre	75 Wallbridge Cres.	4780	70	4780	19077.8	0	109939.3	104.3
QSWC - CAA	265 Cannifton Road	12077.4	133	12077.4	0	0	3976440.2	111.3
Quinte Sports Centre, A, B, Pool, Offices	265 Cannifton Road	16165	133	16165	342523.2	0	2643292.9	1890.9
Quinte Exhibition and Raceway	158 Bridge St. E	1381.9	20	1381.9	1982.5	0	30593.7	11.4
Transit Garage	400 Coleman St.	779.9	50	779.9	28759.5	0	105219.8	155.5
Transit Terminal	165 Pinnacle	93	80	93	1547.3	0	51336.7	9.6
Water Pollution Control Plant	131 St Paul St.	12618	168	12618	56159.3	0	3122000.2	385.3
Water Treatment Plant	2 Sidney Street	7525	168	7525	46742	0	3659242.2	350.4

Energy Intensity of Water and Sewage Works

Public agencies, including municipalities, must also report the energy intensity of their water and sewage works. The City of Belleville's data for its water and sewage works is captured in Table 2.

Table 2: Annual Flow and Energy Intensity of Water and Sewage Works in 2022

Operation Name	Average Flow (m³PD)	Electricity (kWh)
Water Pollution Control Plant	27940.7	3122000.2
Water Treatment Plant	21810.5	3659242.2