

Greenhouse Gas Emissions and Energy Consumption Report - 2023

Property Name	Gross Floor Area (m²)	Primary Property Type	Total (Location-Based) GHG Emissions (Metric Tons CO2e)	Site Energy Use Intensity (GJ/m²)	Natural Gas Use (GJ)	Electricity Use - Grid Purchase (kWh)	Address
Progressive Auto Sales Arena	13396	Ice/Curling Rink	372.1	1.27	5632.8	3175063.7	1455 London Road
Clearwater Community Centre	6807	Ice/Curling Rink	165.1	1	2638.1	1158298.1	1400 Wellington St.
Sarnia Arena	3750	Ice/Curling Rink	88.3	0.99	1397.9	643304.6	134 Brock Street South
City Hall	2346	Office	65.1	1.28	982.2	560869.2	255 Christina St. North
Bright's Grove Library	350	Library	9.7	0.69	184.5	15715	2618 Hamilton Road
Lambton Mall Road Library	235	Library	5.9	0.83	104.1	24999.3	1362 Lambton Mall Road
Lawrence House	534	Lifestyle Center	9.5	0.45	178.7	17430.8	127 Christina St. South
Sarnia Public Library	3545	Library	31.5	0.49	424.6	361245.8	124 Christina St. South
Sarnia Transit	6257	Repair Services (Vehicle, Shoe, Locksmith, etc.)	85	0.38	1565.1	226616.3	1169 Michener Road
Fire Station #1	1423	Fire Station	24.4	0.54	432.4	93990.2	240 East St. North
Fire Station #2	561	Fire Station	8.1	0.55	133.8	48261.2	666 Scott Road
Bright's Grove Lagoons	366	Wastewater Treatment Plant	13.2	4.65	Not Available	472317.9	2923 Lakeshore Road
Water Pollution Control Centre	3778	Wastewater Treatment Plant	480.4	6.21	7013	4564729.5	333 St. Andrew St.
Fire Station #3	379	Fire Station	7.7	0.65	136.8	30027	1133 Colborne Road
Fire Station #4	761	Fire Station	10.6	0.65	159.1	92688.6	1410 Wellington St.
Fire Station #5	380	Fire Station	7.2	0.67	123.4	36210.6	6360 Telfer Road
Pump Station #1	2	Other - Utility	0.5	29.02	Not Available	16104	1012 Rosedale Ave.
Pump Station #2	2	Other - Utility	0.8	48.35	Not Available	26824.9	860 Michigan Ave.
Pump Station #3	10	Other - Utility	0.3	4.26	Not Available	11834.8	100 Clifford
Pump Station #10	10	Other - Utility	0.1	0.88	Not Available	2432	290 Wellington St.
Pump Station #12	18	Other - Utility	1.5	7.49	10.5	34555.6	1500 LeCaron Ave.
Pump Station #13	30	Other - Utility	0.9	2.46	6.5	18687.7	942 McCaw St
Pump Station #14	10	Other - Utility	0.2	2.15	Not Available	5962.7	805 Rosedale Ave.
Pump Station #15	10	Other - Utility	0.2	2.25	Not Available	6244.4	495 Scott Road
Pump Station #16	48	Other - Utility	2.2	5.81	Not Available	77460.9	282 Indian Road South
Pump Station #17	49	Other - Utility	1.8	4.64	Not Available	63090.4	30 Mayfair Drive
Pump Station #18	10	Other - Utility	0.3	3.87	Not Available	10735.8	1325 Giffel Road
Pump Station #22	10	Other - Utility	0	0.62	Not Available	1712.3	530 Berkshire Road
Pump Station #23	11	Other - Utility	1.2	12.7	1.7	38326.8	1275 Sandy Lane
Pump Station #25	10	Other - Utility	0	0.62	Not Available	1715.5	161 Nelson St.
Pump Station #26	10	Other - Utility	0.2	2.42	Not Available	6709.6	1350 Plank Road
Pump Station #27	56	Other - Utility	2.4	5.46	Not Available	84978.5	1569 London Line
Pump Station #29	10	Other - Utility	0.2	2.62	Not Available	7282	1859 London Line
Pump Station #31	10	Other - Utility	0.1	1.24	Not Available	3446.7	1511 Airport Road
Pump Station #32	10	Other - Utility	0.6	7.23	Not Available	20068.1	1391 Exmouth St.
Pump Station #33	10	Other - Utility	8.3	106.27	Not Available	295097.6	1240 Confederation St.
Pump Station #34	10	Other - Utility	5.6	72.07	Not Available	200131.3	879 Plank Road
Pump Station #35	27	Other - Utility	0.9	4.2	Not Available	31482.1	900 Murphy Road
Pump Station #36	20	Other - Utility	1.2	7.67	Not Available	42638.8	1642 Murphy Road
Pump Station #37	10	Other - Utility	0.1	0.87	Not Available	2423.4	1711 Rutherglen Close
Pump Station #38	21	Other - Utility	2.9	10.13	30	50708.5	2485 Hamilton Road
Pump Station #39	9	Other - Utility	0.6	7.39	1.2	18152.7	2639 Kaymar Crescent
Pump Station #40	21	Other - Utility	1.6	2.67	27.7	7908.1	2950 Lakeshore Road
Pump Station #41	29	Other - Utility	2.9	7.64	27.9	53781	2015 Marion Ave.
Pump Station #42	10	Other - Utility	0.7	9.23	Not Available	25623.6	1599 Wellington St.
Pump Station #45	10	Other - Utility	0.1	1.67	Not Available	4647.3	161 Augusta Boulevard
Pump Station #46	48	Other - Utility	0.2	0.58	Not Available	7679.8	1002 The Rapids Parkway
Pump Station #49	22	Other - Utility	0.3	1.93	Not Available	11775.7	5960 Blackwell Sideroad
Pump Station #50	10	Other - Utility	1.3	16.56	Not Available	45997.7	1396 Michigan Ave.
Pump Station #51	35	Other - Utility	0.9	3.39	Not Available	32929.4	1633 Heritage Park Drive
Pump Station #52	10	Other - Utility	0.1	1.15	Not Available	3198.7	185 Cassandra Boulevard
Pump Station #53	37	Other - Utility	0.3	0.97	Not Available	10017.3	2002 London Line
Pump Station #54	10	Other - Utility	0.6	7.6	Not Available	21102.9	5759 Blackwell Sideroad
Pump Station #55	10	Other - Utility	0.8	10.69	Not Available	29692.7	6498 Waterworks Road
Pump Station #7	10	Other - Utility	0.4	5.53	Not Available	15368.8	1587 Mills Street
Pump Station #8	10	Other - Utility	0.2	2.15	Not Available	5972.9	570 Errol Road West
Pump Station #9	10	Other - Utility	3	13.68	45.4	25362	904 Exmouth St.

Blackwell Park	41	Other - Recreation	0.2	0.67	Not Available	7671.8	6320 Blackwell Sideroad
Camp Saredaca	453	Other - Recreation	0.3	0.1	Not Available	12469.6	2065 Blackwell Road
Canatara Park East Beach Area	134	Other - Recreation	0.1	0.08	Not Available	3129.2	1301 Lake Chipican Drive
Canatara Park Entrance Sign	0.1	Other - Recreation	0.1	78.32	Not Available	2021.2	1200 Lake Chipican Drive
Canatara Park Fish Pond	3	Other - Entertainment/Public Assembly	0	0	Not Available	0	1200 Lake Chipican Drive
Canatara Park Maintenance Buildings	302	Repair Services (Vehicle, Shoe, Locksmith, etc.)	18.6	3.32	253.6	208175.3	1200 Lake Chipican Drive
Canatara Park Seaway Kiwanis Pavilion	266	Other - Entertainment/Public Assembly	0.7	0.32	Not Available	23420.2	1200 Lake Chipican Drive
Centennial Park	0.1	Other - Public Services	1.8	2489.02	Not Available	64235.4	495 Front St.
Centennial Park Maintenance Centre	327	Other - Public Services	8.1	0.65	151.4	17127.6	125 Exmouth St.
Charlotte Street Charging Station and Parking Lot	0.1	Other - Utility	0.1	190.43	Not Available	4914.5	272 Christina St. North
Chaytor Fieldhouse	269	Other - Recreation	0.3	0.13	Not Available	9651.9	260 East St. North
Clearwater Community Centre Ball Diamonds	10	Other - Recreation	0.5	6.3	Not Available	17494.2	1400 Wellington St.
Compost Site	22	Other	0.7	4.25	Not Available	25966.3	333 St. Andrew St.
Cox Youth Centre	418	Heated Swimming Pool	4.3	0.99	26.4	107608.2	334 Russell St. South
Errol Russell Park	155	Other - Recreation	0.6	0.47	Not Available	20323.3	610 Devine St.
Germain Maintenance Centre	1092	Other	45.7	1.04	866.4	75550	260 East St. North
Germain Park Ball Diamond Lights	1	Other - Utility	0.3	0.29	Not Available	10887.6	170 Sycamore Drive
Germain Park Lawn Bowling Building	197	Other - Recreation	7.1	0.89	135.7	11264.3	260 East St. North
Germain Park	0.1	Other - Recreation	0.3	374	Not Available	9651.9	260 East St. North
Mike Weir Park	60	Other - Recreation	0.2	0.52	Not Available	8599.1	2351 Lakeshore Road
Lottie Neely Park Facilities	1758	Other - Recreation	0.1	0.01	Not Available	4113.3	1540 London Road
MacPherson Fountain	15	Other - Public Services	3.8	32.7	Not Available	136307.7	460 Front St.
Newton Centre	183	Social/Meeting Hall	3.8	0.47	73.5	3631.9	1479 McCrie St.
Norm Perry Park	97.6	Other - Recreation	6.9	4.48	83	98566.7	300 Exmouth St.
Front St. Parking Lot	0.1	Other - Public Services	0.2	236.13	Not Available	6094	165 Front St.
Julia St. Parking Lot	0.1	Other - Public Services	0.1	173.29	Not Available	4472.2	124 Julia St.
Milton Village Parking Lot	0.1	Other - Public Services	0.1	137.11	Not Available	3538.5	137 Milton St. South
Vendome Parking Lot	0.1	Other - Public Services	0.2	320.08	Not Available	8260.5	101 Cromwell St.
Victoria St. Parking Lot	0.1	Other - Public Services	0.5	697.01	Not Available	17988.2	113 Victoria St.
Point Lands Park Area	0.1	Other - Recreation	0.2	235.98	Not Available	6089.9	505 Harbou Road
Sarnia Police Training Centre	230	Police Station	10.4	2.44	142.7	116019.2	1380 London Road
Public Works Devine St	4418	Repair Services (Vehicle, Shoe, Locksmith, etc.)	58.7	0.76	766	721431.2	651 Devine St.
Public Works Telfer	1050	Other - Public Services	15.9	0.45	288.3	51701.2	2100 Confederation Line
Sarnia Police Service	4189	Police Station	85.6	1.06	1199.8	901997.9	555 Christina St. North
Strangway Centre	1134	Other - Recreation	17.6	0.46	313.3	66801.8	260 East St. North
Stormwater Pump #3	5	Other - Public Services	0.2	3.87	Not Available	5370.6	6161 Blackwell Side Road
Suncor Agora	790	Other - Recreation	6.7	0.35	107	46736.7	460 Front St.
Tecumseh Park	0.2	Other - Recreation	0	20.45	Not Available	1055.8	334 Russell St. South
Wildwood Park	60	Other - Recreation	0.3	0.61	Not Available	10106.9	2616 Hamilton Road
WPCC CSO Tank	25	Other - Public Services	0.5	2.82	Not Available	19581	241 Christina St. South
Kenwick on the Lake Park	93	Other - Recreation	0.1	0.21	Not Available	5352.7	2759 Old Lakeshore Road
Stormwater Pump #4	10	Other - Public Services	0.9	11.89	Not Available	33016.5	891 Upper Canada Drive
Sarnia Harbour	823.1	Other - Public Services	53.7	8.38	Not Available	1917176.1	97 Seaway Road
Mlssion Park Dock	0.1	Other	1.3	1830.03	Not Available	47228.5	170 Devine St.
Emergency Siren Bright Street	0.1	Other	0	41.74	Not Available	1077.2	302 Briight St.
Emergency Siren Devine St.	0.1	Other	0	41.74	Not Available	1077.2	954 Devine St.
Street Lighting	0.1	Other	71.5	98928.08	Not Available	2553085.7	various
Traffic Lights	0.1	Other	3.2	4396.97	Not Available	113474.7	Various
Transit Stop 1001 Finch Drive	5	Other	Not Available	Not Available	Not Available	Not Available	1001 Finch Drive
Transit Stop 1017 Finch Drive	5	Other	0	Not Available	Not Available	Not Available	1017 Finch Drive
Transit Stop 1113 Confederation	5	Other	0	Not Available	Not Available	Not Available	1113 Confederation St.
Transit Stop 1270 Wellington St.	5	Other	0	1.02	Not Available	1413.8	1270 Wellington St.
Transit Stop 130 Christina	5	Other	Not Available	Not Available	Not Available	Not Available	130 Christina St. South
Transit Stop 132 Brock	5	Other	0	Not Available	Not Available	Not Available	132 Brock St.
Transit Stop 1332 London Road	5	Other	Not Available	Not Available	Not Available	Not Available	1332 London Road
Transit Stop 1341 London Road	5	Other	Not Available	Not Available	Not Available	Not Available	1341 London Road
Transit Stop 1371 London Road	5	Other	0	Not Available	Not Available	Not Available	1371 London Road
Transit Stop 1382 London Road	5	Other	0	Not Available	Not Available	Not Available	1382 London Road
Transit Stop 1400 Wellington	5	Other	Not Available	Not Available	Not Available	Not Available	1400 Wellington St.
Transit Stop 1432 London Road	5	Other	0	Not Available	Not Available	Not Available	1432 London Road
Transit Stop 1459 London Road	5	Other	0	Not Available	Not Available	Not Available	1459 London Road

Transit Stop 255 Indian Road South	5	Other	0	Not Available	Not Available	Not Available	255 Indian Road South
Transit Stop 304 Bradford	5	Other	0	1.02	Not Available	1413.8	304 Bradford Drive
Transit Stop 342 Murphy	5	Other	0	Not Available	Not Available	Not Available	342 Murphy Road
Transit Stop 421 Indian	5	Other	0	1.02	Not Available	1413.8	421 Indian Road North
Transit Stop 499 Cardiff	5	Other	0	1.02	Not Available	1413.8	499 Cardiff Drive
Transit Stop 507 Christina	5	Other	Not Available	Not Available	Not Available	Not Available	507 Christina St.
Transit Stop 560 Exmouth	5	Other	0	1.02	Not Available	1413.8	560 Exmouth St.
Transit Stop 689 Cathcart	5	Other	0	Not Available	Not Available	Not Available	689 Cathcart Blvd
Transit Stop 815 Confederation	5	Other	0	1.02	Not Available	1413.8	815 Confederation St.
Transit Stop 822 Confederation	5	Other	0	Not Available	Not Available	Not Available	822 Confederation St.
Transit Stop 912 Exmouth	5	Other	0	Not Available	Not Available	Not Available	912 Exmouth St.
Transit stop 920 Wellington	5	Other	0	1.02	Not Available	1413.8	920 Wellington St.
Transit Shelter Exmouth St.	5	Other	Not Available	Not Available	Not Available	Not Available	99999 Exmouth
Transit Stop Huron St.	5	Other	Not Available	Not Available	Not Available	Not Available	Huron St.
Ferry Dock Hill	0.1	Other	0.1	176.76	Not Available	4561.8	2 Ferry Dock Hill
Stormwater Pump #1	10	Other	1.3	16.27	Not Available	45169.2	6011 Blackwell Side Road
Canatara Landfill Leachate Station	5	Other	0.3	8.86	Not Available	12306.2	Michigan and Front
Combined Sewer Overflow	5	Other	0	0	Not Available	0	Wellington St. and Front St.
Pump Station #11	10	Other - Public Services	1.1	13.6	Not Available	37759.5	217 Lasalle Line
Communicaiton Tower	0.5	Other - Public Services	0.2	42.04	Not Available	5424.3	1285 Sandy Lane
Duc D'Orleans	0.5	Other	Not Available	Not Available	Not Available	Not Available	297 Front Street North
Pump Station #44	0.9	Other - Utility	0.2	30.8	Not Available	7947.8	1010 Degurse Drive