

Greenhouse Gas Emissions and Energy Consumption Report - 2024

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	753.22	1.85	12540.7	3416108	1455 London Road
Clearwater Community Centre	6807	Ice/Curling Rink	358.6	1.6	6204.1	1300205.3	1400 Wellington St.
Sarnia Arena	3750	Ice/Curling Rink	135.11	1.35	2101.1	820087.8	134 Brock Street South
City Hall	2346	Office	109.93	1.6	1796.1	546217.6	255 Christina St. North
Brights Grove Library	350	Library	9.6	0.69	178.4	17569.8	2618 Hamilton Road
Lambton Mall Road Library	235	Library	6	0.65	111	11530.3	1362 Lambton Mall Road
Lawrence House	534	Lifestyle Center	8.45	0.42	154	19838.7	127 Christina St. South
Sarnia Public Library	3545	Library	111.77	0.91	1979.1	341884	124 Christina St. South
Sarnia Transit	6257	Vehicle Repair Services	148.09	0.56	2814.5	184628.3	1169 Michener Road
Fire Station #1	1423	Fire Station	51.29	0.93	944.4	106265.7	240 East St. North
Fire Station #2	561	Fire Station	17.88	1.11	289.3	92770.3	666 Scott Road
Brights Grove Lagoons	366	Wastewater Treatment Plant	35.99	9.83	Not Available	999751.1	2923 Lakeshore Road
Water Pollution Control Centre	3778	Wastewater Treatment Plant	841.96	8.09	13325.3	4785918.6	333 St. Andrew St.
Fire Station #3	379	Fire Station	4.07	0.76	Not Available	72286.8	1133 Colborne Road
Fire Station #4	761	Fire Station	19.18	0.85	314.8	93205.7	1410 Wellington St.
Fire Station #5	380	Fire Station	14.66	1.09	261	42924.6	6360 Telfer Road
Pump Station #1	2	Other - Utility	0.56	28.22	Not Available	15658.5	1012 Rosedale Ave.
Pump Station #2	2	Other - Utility	1.03	51.43	Not Available	28536.1	860 Michigan Ave.
Pump Station #3	10	Other - Utility	0.37	3.67	Not Available	10180.3	100 Clifford
Pump Station #10	10	Other - Utility	0.08	0.82	Not Available	2272.2	290 Wellington St.
Pump Station #12	18	Other - Utility	2.76	8.55	30.4	34338.1	1500 LeCaron Ave.
Pump Station #13	30	Other - Utility	1.35	3.67	6.1	28880.9	942 McCaw St
Pump Station #14	10	Other - Utility	0.22	2.18	Not Available	6055.6	805 Rosedale Ave.
Pump Station #15	10	Other - Utility	0.37	3.71	Not Available	10315.9	495 Scott Road
Pump Station #16	48	Other - Utility	2.86	5.96	Not Available	79528.5	282 Indian Road South
Pump Station #17	49	Other - Utility	2.12	4.32	Not Available	58754	30 Mayfair Drive
Pump Station #18	10	Other - Utility	0.34	3.43	Not Available	9522.2	1325 Giffel Road
Pump Station #22	10	Other - Utility	0.08	0.78	Not Available	2166.2	530 Berkshire Road
Pump Station #23	11	Other - Utility	1.33	11.17	2.5	33426.7	1275 Sandy Lane
Pump Station #25	10	Other - Utility	0.06	0.6	Not Available	1659.1	161 Nelson St.
Pump Station #26	10	Other - Utility	0.52	5.23	Not Available	14512.7	1350 Plank Road
Pump Station #27	56	Other - Utility	10.4	18.56	Not Available	288752.9	1569 London Line
Pump Station #29	10	Other - Utility	0.23	2.33	Not Available	6461.4	1859 London Line
Pump Station #31	10	Other - Utility	0.17	1.74	Not Available	4837	1511 Airport Road
Pump Station #32	10	Other - Utility	0.59	5.94	Not Available	16489.1	1391 Exmouth St.
Pump Station #57	10	Other - Utility	15.37	153.72	Not Available	426865.2	879 Plank Road
Pump Station #35	27	Other - Utility	1.25	4.64	Not Available	34764.4	900 Murphy Road
Pump Station #36	20	Other - Utility	1.23	6.16	Not Available	34223.9	1642 Murphy Road
Pump Station #37	10	Other - Utility	0.1	0.95	Not Available	2645.2	1711 Rutherglen Close
Pump Station #38	21	Other - Utility	3.78	5.83	63.5	16350	2485 Hamilton Road
Pump Station #39	9	Other - Utility	0.46	4.8	0.7	11816.2	2639 Kaymar Crescent
Pump Station #40	21	Other - Utility	2	3.05	33.8	8377.5	2950 Lakeshore Road
Pump Station #41	29	Other - Utility	6.07	10.9	72.3	67763.3	2015 Marion Ave.
Pump Station #42	10	Other - Utility	0.78	7.83	Not Available	21743	1599 Wellington St.
Pump Station #45	10	Other - Utility	0.16	1.56	Not Available	4340.3	161 Augusta Boulevard
Pump Station #46	48	Other - Utility	0.26	0.54	Not Available	7153.5	1002 The Rapids Parkway
Pump Station #49	22	Other - Utility	0.46	2.11	Not Available	12907	5960 Blackwell Sideroad
Pump Station #50	10	Other - Utility	1.51	15.11	Not Available	41971.3	1396 Michigan Ave.
Pump Station #51	35	Other - Utility	1.17	3.35	Not Available	32534.2	1633 Heritage Park Drive
Pump Station #52	10	Other - Utility	0.13	1.32	Not Available	3678.9	185 Cassandra Boulevard
Pump Station #53	37	Other - Utility	0.33	0.88	Not Available	9078	2002 London Line

Pump Station #54	10	Other - Utility	0.57	5.72	Not Available	15876.5	5759 Blackwell Sideroad
Pump Station #55	10	Other - Utility	1.64	16.45	Not Available	45681.8	6498 Waterworks Road
Pump Station #7	10	Other - Utility	0.62	6.25	Not Available	17351	1587 Mills Street
Pump Station #8	10	Other - Utility	0.18	1.85	Not Available	5127.2	570 Errol Road West
Pump Station #9	10	Other - Utility	5.8	19.25	96.2	26755.4	904 Exmouth St.
Blackwell Park	41	Other - Recreation	0.46	1.13	Not Available	12828.1	6320 Blackwell Sideroad
Camp Saredaca	453	Other - Recreation	0.49	0.11	Not Available	13747.2	2065 Blackwell Road
Canatara Park East Beach Area	134	Other - Recreation	0.08	0.06	Not Available	2187.6	1301 Lake Chipican Drive
Canatara Park Entrance Sign	0.1	Other - Recreation	0.06	66.2	Not Available	1708.4	1200 Lake Chipican Drive
Canatara Park Fish Pond	3	Other - Entertainment/Public Assembly	0	0	Not Available	0.1	1200 Lake Chipican Drive
Canatara Park Maintenance Buildings	302	Vehicle Repair Services	22.08	3.13	314	175128.6	1200 Lake Chipican Drive
Canatara Park Seaway Kiwanis Pavilion	266	Other - Entertainment/Public Assembly	0.97	0.36	Not Available	26867.6	1200 Lake Chipican Drive
Centennial Park	0.1	Other - Public Services	2	2157.91	Not Available	55690.3	495 Front St.
Centennial Park Maintenance Centre	327	Other - Public Services	7.85	0.6	146.2	13888.3	125 Exmouth St.
Charlotte Street Charging Station and Parking Lot	0.1	Other - Utility	0.16	177.52	Not Available	4581.3	272 Christina St. North
Chaytor Fieldhouse	269	Other - Recreation	0.43	0.16	Not Available	11937.5	260 East St. North
Clearwater Community Centre Ball Diamonds	10	Other - Recreation	0.43	4.31	Not Available	11975.9	1400 Wellington St.
Compost Site	22	Other	1	4.53	Not Available	27708.3	333 St. Andrew St.
Cox Youth Centre	418	Heated Swimming Pool	38.12	2.62	674.9	116840.8	334 Russell St. South
Errol Russell Park	155	Other - Recreation	1.14	0.74	Not Available	31804	610 Devine St.
Germain Maintenance Centre	1092	Other	114.94	2.3	2231.1	78217.1	260 East St. North
Germain Park Ball Diamond Lights	1	Other - Utility	0.37	0.27	Not Available	10168.6	170 Sycamore Drive
Germain Park Lawn Bowling Building	197	Other - Recreation	6.43	0.8	120.5	10350.5	260 East St. North
Germain Park	0.1	Other - Recreation	0.43	462.55	Not Available	11937.3	260 East St. North
Mike Weir Park	60	Other - Recreation	0.25	0.42	Not Available	7043.6	2351 Lakeshore Road
Lottie Neely Park Facilities	1758	Other - Recreation	0.16	0.01	Not Available	4537.2	1540 London Road
MacPherson Fountain	15	Other - Public Services	3.84	25.58	Not Available	106614.7	460 Front St.
Newton Centre	183	Social/Meeting Hall	4.39	0.55	84.3	4379.9	1479 McCrie St.
Norm Perry Park	97.6	Other - Recreation	9.08	5.23	98.7	114469.8	300 Exmouth St.
Front St. Parking Lot	0.1	Other - Public Services	0.2	220.12	Not Available	5680.8	165 Front St.
Julia St. Parking Lot	0.1	Other - Public Services	0.15	161.54	Not Available	4169	124 Julia St.
Milton Village Parking Lot	0.1	Other - Public Services	0.12	127.46	Not Available	3289.5	137 Milton St. South
Vendome Parking Lot	0.1	Other - Public Services	0.28	298.37	Not Available	7700.3	101 Cromwell St.
Victoria St. Parking Lot	0.1	Other - Public Services	0.6	648.65	Not Available	16740	113 Victoria St.
Point Lands Park Area	0.1	Other - Recreation	0.3	319.87	Not Available	8255.1	505 Harbou Road
Sarnia Police Training Centre	230	Police Station	4.46	1.94	Not Available	123908.5	1380 London Road
Public Works Devine St	4418	Vehicle Repair Services	106.31	1.02	1520.9	829784.5	651 Devine St.
Public Works Telfer	1050	Other - Public Services	32.57	0.74	616.8	43752.3	2100 Confederation Line
Sarnia Police Service	4189	Police Station	236.45	1.8	4003.1	979972.8	555 Christina St. North
Strangway Centre	1134	Other - Recreation	28.49	0.64	518.2	68008.3	260 East St. North
Stormwater Pump #3	5	Other - Public Services	0.34	6.73	Not Available	9343.5	6161 Blackwell Side Road
Suncor Agora	790	Other - Recreation	11.09	0.44	189.8	42986.4	460 Front St.
Tecumseh Park	0.2	Other - Recreation	0.02	10.87	Not Available	560.8	334 Russell St. South
Wildwood Park	60	Other - Recreation	0.27	0.46	Not Available	7619.5	2616 Hamilton Road
WPCC CSO Tank	25	Other - Public Services	0.58	2.33	Not Available	16191.1	241 Christina St. South
Kenwick on the Lake Park	93	Other - Recreation	0.25	0.27	Not Available	6852.7	2759 Old Lakeshore Road
Stormwater Pump #4	10	Other - Public Services	1.2	12.02	Not Available	33390.9	891 Upper Canada Drive
Sarnia Harbour	823.1	Other - Public Services	77.71	9.44	Not Available	2158721.3	97 Seaway Road
Mission Park Dock	0.1	Other	1.54	1661.32	Not Available	42874.6	170 Devine St.
Emergency Siren Bright Street	0.1	Other	0.04	38.91	Not Available	1004.1	302 Briight St.
Emergency Siren Devine St.	0.1	Other	0.04	38.91	Not Available	1004.1	954 Devine St.
Street Lighting	0.1	Other	91.28	98246.41	Not Available	2535493.4	various
Traffic Lights	0.1	Other	5.63	6064.21	Not Available	156502	Various
Transit Stop 1001 Finch Drive	5	Other	0	Not Available	Not Available	Not Available	1001 Finch Drive

Transit Stop 1017 Finch Drive	5	Other	0	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	0.05	0.95	Not Available	1321.5	1270 Wellington St.
Transit Stop 130 Christina	5	Other	0	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	0	Not Available	Not Available	Not Available	1332 London Road
Transit Stop 1341 London Road	5	Other	0	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	0	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	Not Available	Not Available	Not Available	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	0.05	0.96	Not Available	1328.7	421 Indian Road North
Transit Stop 499 Cardiff	5	Other	Not Available	Not Available	Not Available	Not Available	499 Cardiff Drive
Transit Stop 507 Christina	5	Other	0	Not Available	Not Available	Not Available	507 Christina St.
Transit Stop 560 Exmouth	5	Other	0	Not Available	Not Available	Not Available	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	Not Available	Not Available	Not Available	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	0.05	0.96	Not Available	1328.7	920 Wellington St.
Transit Shelter Exmouth St.	5	Other	0	Not Available	Not Available	Not Available	99999 Exmouth
Transit Stop Huron St.	5	Other	0	Not Available	Not Available	Not Available	Huron St.
Ferry Dock Hill	0.1	Other	0.17	178.36	Not Available	4602.9	2 Ferry Dock Hill
Stormwater Pump #1	10	Other	2.95	29.54	Not Available	82041.6	6011 Blackwell Side Road
Canatara Landfill Leachate Station	5	Other	0.4	8.01	Not Available	11117.4	Michigan and Front
Combined Sewer Overflow	5	Other	0	0	Not Available	0	Wellington St. and Front St.
Pump Station #11	10	Other - Utility	1.5	15	Not Available	41649	217 Lasalle Line
Communicaiton Tower	0.5	Other - Public Services	0.24	52.01	Not Available	6711.7	1285 Sandy Lane
Duc D'Orleans	0.5	Other	0	Not Available	Not Available	Not Available	297 Front Street North
Pump Station #44	0.9	Other - Utility	0.2	21.16	Not Available	5460.5	1010 Degurse Drive
Pump Station #44	0.9	Other - Utility	0.2	30.8	Not Available	7947.8	1010 Degurse Drive