

2016 Energy Consumption and Greenhouse gas Emissions Reporting

Sector
 Agency Sub-sector
 Organization Name

Municipality
 Municipal
 Regional of Waterloo

Summary of table: The Region of Waterloo reports to the Ontario Ministry of Energy on energy consumption and greenhouse gas emissions through O. Reg. 397/11. For the Jan. 1, 2016 to Dec. 31, 2016 reporting period, the Region of Waterloo reported on 102 facilities, including administrative, vehicle storage and maintenance, public libraries, water and sewage treatment and pumping, museums, paramedic and police facilities. These facilities combined, use around 101 GWh of electricity, 4.26 million cubic meters of natural gas and emit 11,650 tonnes of greenhouse gas emissions.

Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area in square feet	Avg hrs/wk	Annual Flow (ML)	Electricity Purchased and Consumed in kWh	Natural Gas Purchased and Consumed in cubic meters	GHG Emissions (Kg)	Energy Intensity (ekWh/sqft)	Energy Intensity (ekWh/Mega Litre)	Comments	
150 Main	Administrative offices and related facilities, including municipal council chambers	150 Main St	Cambridge	N1R 8H6	122,103	40		1,315,680	107,147	249,345	20	0		
Airport Operations Centre	Storage facilities where equipment or vehicles are maintained, repaired or stored	75 New Germany Lane	Breslau	N0B 1M0	27,024	40		323,670	50,838	107,622	32	0		
Ayr Library	Public libraries	137 Stanley St	Ayr	N0B 1E0	7,151	40		53,968	6,440	14,094	17	0		
Ayr Wastewater Plant	Facilities related to the treatment of sewage	1292 Nith Rd	Ayr	N0B 1E0	2,500	168		475,763		16,912	190	983		
Ayr WTP & Booster Station	Facilities related to the pumping of water	59 Gibson St	Ayr	N0B 1E0	11,782	168		582,367	7,385	34,664	56	977		
Baden Library	Public libraries	115 Snyders Rd E	Baden	N3A 2V4	1,859	40		12,298	976	2,282	12	0		
Baden Station	Facilities related to the pumping of sewage	1044 Foundry St	Baden	N0B 1G0	2,234	168		92,980		3,305	42	199		
Branchton Meadows WTP / PS & Reservoir	Facilities related to the pumping of water	33 A Hughson St	Branchton	N0B 1L0	621	168		64,235		2,283	103	5,645		
Bridgeport Lift Pump Station	Facilities related to the pumping of sewage	21 Carisbrook Dr	Kitchener	N2K 4C7	2,348	168		418,797		14,887	178	452		
Chandler Drive Maintenance Facility	Storage facilities where equipment or vehicles are maintained, repaired or stored	85 Chandler Drive	Kitchener	N2E 3M6	93,488	40		1,221,225	206,512	433,849	37	0		
Conestoga Blvd Ops Centre	Storage facilities where equipment or vehicles are maintained, repaired or stored	460 Conestoga Blvd	Cambridge	N1R 7L7	49,514	40		681,101	230,076	459,200	63	0		
Conestoga GOLF PS	Facilities related to the pumping of water	386 Golf Course Dr	Conestogo	N0B 1N0	543	168		87,441		3,108	161	1,421		
Conestoga Plains PS & Reservoir	Facilities related to the pumping of water	1982 Sawmill Rd	Conestogo	N0B 1N0	770	168		59,204		2,105	77	1,922		
Conestogo Wastewater Plant	Facilities related to the treatment of sewage	420 Golf Course Rd	Conestogo	N0B 1N0	1,209	168		80,117	3,219	8,934	95	7,885		
Doon - Curatorial Centre	Cultural facilities	10 Huron Rd	Kitchener	N2P 2R7	46,664	40		826,474	83,833	187,876	37	0		
Doon - Maintenance Building	Cultural facilities	10 Huron Rd	Kitchener	N2P 2R7	4,054	40		71,793	7,282	16,320	37	0		
Doon - Museum	Cultural facilities	10 Huron Rd	Kitchener	N2P 2R7	44,175	40		782,396	79,362	177,856	37	0		
Elmira Library	Public libraries	65 Arthur St S	Elmira	N3B 2M6	6,411	40		39,111	13,903	27,676	29	0		
Elmira Wastewater Plant	Facilities related to the treatment of sewage	80 First St	Elmira	N3B 1G9	14,822	168	1,343	1,381,335	93,487	225,853	160	1,768		
EMS Hqtrs. & Fleet Storage	Ambulance stations and associated offices and facilities	120 Maple Grove Rd	Cambridge	N3H 4R7	21,037	40		230,914	37,407	78,931	30	0		
EMS Services - Pinebush	Ambulance stations and associated offices and facilities	465 Pinebush Rd	Cambridge	N1T 2J4	3,188	40		48,365	16,285	32,508	69	0		
EMS Services - St Jacobs	Ambulance stations and associated offices and facilities	30 Parkside Dr	St. Jacobs	N0B 2N0	1,535	40		11,392	2,622	5,362	26	0		
EMS Services - Weber & Water	Ambulance stations and associated offices and facilities	100 Weber St W	Kitchener	N2H 3Z7	2,134	40		14,194	5,134	10,211	32	0		
EMS Services - Westmount	Ambulance stations and associated offices and facilities	90 Westmount Rd N	Waterloo	N2L 2R4	2,318	40		33,458	12,308	24,459	71	0		
Erb Station	Facilities related to the pumping of water	990 Erb St W	Waterloo	N2J 3Z4	2,083	168		1,569,653		55,798	754	423		
Firearms Training Facility	Police stations and associated offices and facilities	200 Maple Grove Rd	Cambridge	N3H 4R7	9,577	40		188,605	12,778	30,863	34	0		
Foxboro Wastewater Plant	Facilities related to the treatment of sewage	87 Foxboro Dr	Baden	N0B 1G0	1,496	168		89,125	2,413	7,730	77	2,694		
Foxboro WTP / PS & Reservoir	Facilities related to the treatment of water	87 Foxboro Dr	Baden	N0B 1G0	1,999	168		85,250	3,224	9,126	60	3,489		
G4	Facilities related to the pumping of water	35 Dianne Ave	Cambridge	N1S 3J4	229	168		524	356,100	12,659	1,555	680		
G5	Facilities related to the pumping of water	98 Pinebush Rd	Cambridge	N1R 8J8	317	168		758	423,100	15,040	1,334	558		
G6	Facilities related to the pumping of water	1098 Franklin Blvd	Cambridge	N1R 8B5	205	168		460	171,879	6,110	837	373		
G9	Facilities related to the pumping of water	55 Elgin St	Cambridge	N1R 5G6	330	168		252	132,615	4,714	402	526		
Galt Wastewater Plant	Facilities related to the treatment of sewage	230 Water St. S. R.R. #5	Cambridge	N1R 3C1	30,697	168		12,349	8,356,176	200,774	676,634	342	849	
Gaol House	Administrative offices and related facilities, including municipal council chambers	77 Queen St N	Kitchener	N2H 2H1	11,753	40			89,423	8,563	19,369	15	0	
Governor's Residence	Administrative offices and related facilities, including municipal council chambers	73 Queen St N	Kitchener	N2H 2H1	3,340	40			25,413	2,434	5,504	15	0	
Grand River Transit Operations Centre North	Storage facilities where equipment or vehicles are maintained, repaired or stored	250 Strasburg Rd	Kitchener	N2E 3M6	220,026	40		0	2,246,836	513,476	1,050,662	35	0 Facility was expanded in 2014, but area was not updated	
Greenbrook PS, Reservoir, Treatment Plant	Facilities related to the treatment of water	20 Greenbrook Dr	Kitchener	N2M 2S5	75,243	168		2,558	4,762,045	37,090	239,405	69	2,016	
H4	Facilities related to the pumping of water	189 Hunger Ford Rd	Cambridge	N3C 2R3	264	168		524	224,834	7,992	852	429		
H5	Facilities related to the pumping of water	500 Guelph Ave	Cambridge	N3C 1A8	79	168		327	150,942	5,366	1,905	461		
Heidelberg Equipment Storage	Storage facilities where equipment or vehicles are maintained, repaired or stored	2828 Kressler Rd	Heidelberg	N0B 1Y0	5,092	40			27,095	8,533	17,096	23	0	
Heidelberg Wastewater Plant	Facilities related to the treatment of sewage	5 Alpen Grove	Heidelberg	N0B 1Y0	1,722	168		18	136,027	3,438	11,335	100	9,587	
Heidelberg WTP / PS & Reservoir	Facilities related to the treatment of water	7 Bavarian Dr	Heidelberg	N0B 1Y0	8,010	168		73	133,305	4,739	17	1,822		
Heidelberg Yard	Storage facilities where equipment or vehicles are maintained, repaired or stored	2828 Kressler Rd	Heidelberg	N0B 1Y0	9,819	40			52,254	16,456	32,970	23	0	
Hespeler Wastewater Plant	Facilities related to the treatment of sewage	900 Beaverdale Rd	Cambridge	N3C 4B1	3,549	168		2,379	2,111,970	13,797	101,161	636	949	
Highland Hills Office	Administrative offices and related facilities, including municipal council chambers	875 Highland Rd W Unit 85	Kitchener	N2N 2Y2	384	40			18,359	653	48	0		
Joseph Schneider House	Cultural facilities	464-468 Queen Street S	Kitchener	N2G 1W7	10,984	40			87,242	5,929	14,311	14	0	
K23	Facilities related to the pumping of water	1508 Mannheim Rd	Petersburg	N0B 2H0	391	168		874	357,644		12,714	915	409	
K24	Facilities related to the pumping of water	1024 Witmer Rd/Rr2	Petersburg	N0B 2H0	404	168		1,024	368,320		13,093	912	360	
K26	Facilities related to the pumping of water	1139 Mannheim Rd/Rr#2	Petersburg	N0B 2H0	384	168		2,295	947,273		33,674	2,468	413	
K34 & K36	Facilities related to the treatment of water	163 Blehn Dr	Kitchener	N2R 1M6	2,029	168			350,024	4,809	21,535	198	646	
K50s Diesel Chemical and Generator Bldgs	Facilities related to the pumping of water	2324 Bleams Rd	Kitchener	N2E 3Y1	596	168		3,173	1,250,397		44,449	2,098	394	
Kitchener Wastewater Plant	Facilities related to the treatment of sewage	368 Mill Park Dr	Kitchener	N2M 3R7	57,110	168		23,880	10,361,162	592,757	1,489,001	292	698	
Linwood WTP & PS	Facilities related to the treatment of water	3881 Manser Rd	Linwood	N0B 2T0	1,586	168		76	78,993	8,507	18,892	107	2,225	
Mannheim Storage & Pumping	Facilities related to the pumping of water	2056 Ottawa St S	Kitchener	N2G 3W7	88,582	168		5,421	4,215,482		149,852	48	778	
Mannheim Water Treatment Plant	Facilities related to the treatment of water	2056 Ottawa St S	Kitchener	N2G 3W7	136,631	168		13,865	11,534,213	219,125	824,302	101	1,000	
Maple Grove Voice Radio	Police stations and associated offices and facilities	230 Maple Grove Rd	Cambridge	N3H 4R7	1,768	40			34,820	523	2,227	23	0	
Maryhill Heights PS & Reservoir	Facilities related to the pumping of water	24 St Boniface Dr	Maryhill	N0B 2B0	860	168			36,858		1,310	43	3,049	
Maryhill WTP / PS & Reservoir	Facilities related to the treatment of water	52 Islay Dr	Maryhill	N0B 2B0	658	168		21	66,126		2,351	101	3,180	
McDougall Cottage	Cultural facilities	89 Grand Ave S	Cambridge	N1S 2L7	1,511	40			8,646	2,757	5,520	25	0	
Middleton PS & Reservoir	Facilities related to the treatment of water	50 Middleton St	Cambridge	N1S 2R4	24,040	168		6,720	6,766,103	21,511	281,191	291	1,041	
Morningside Station	Facilities related to the pumping of sewage	35 West Morningside Cir.	New Hamburg	N3A 2E6	1,782	168		1,293	249,866	964	10,705	146	201	
New Dundee Library *New*	Public libraries	1176 Queen St	New Dundee	N0B 2E0	870	40			9,496	1,485	3,145	29	0	
New Dundee PS & Reservoir	Facilities related to the pumping of water	156 Alderview Dr	New Dundee	N0B 2E0	363	168		81	107,660		3,827	297	1,334	
New Hamburg Library	Public libraries	145 Huron Street	New Hamburg	N3A 1K1	3,627	40			28,711	4,158	8,882	20	0	
New Hamburg PS / PS & Reservoir	Facilities related to the pumping of water	389 Fairview St	New Hamburg	N0B 2G0	9,718	168		538	155,466	7,293	19,315	24	433	
New Hamburg Wastewater Plant	Facilities related to the treatment of sewage	1293 Haysville Rd	New Hamburg	N0B 2G0	8,631	168		1,293	947,892		33,696	110	733	

Nith River Station	Facilities related to the pumping of sewage	Douglas Dr & Broom St	Ayr	N0B 1E0	264	168	23	7,741	275	29	331
North Dumfries Yard	Storage facilities where equipment or vehicles are maintained, repaired or stored	2003 Dumfries Rd	North Dumfries	N1R 5S5	4,250	40		12,139	13,800	26,522	0
Parkway PS & Reservoir	Facilities related to the pumping of water	34 Manitou Dr	Kitchener	N2C 1L3	45,711	168	1,763	926,595		32,939	526
Philipsburg Yard & EMS	Storage facilities where equipment or vehicles are maintained, repaired or stored	1991 Nafziger Rd	Philipsburg	N0B 2G0	11,108	40		99,886		3,551	0
Pinebush WTP & PS AND Elevated Tank	Facilities related to the treatment of water	340 Pinebush Rd	Cambridge	N1T 1B2	11,846	168	1,028	883,246	17,185	63,888	1,037
Police Central Division	Police stations and associated offices and facilities	134 Frederick St	Kitchener	N2G 4G3	42,096	40		752,900	74,975	168,514	0
Police Division 1A	Police stations and associated offices and facilities	34 Peel St	New Hamburg	N3A 1E2	1,248	40		13,429	3,965	7,974	0
Police Division 3	Police stations and associated offices and facilities	13 Industrial Dr, Unit 13	Elmira	N3B 2S1	2,480	40		41,285	5,402	11,681	0
Police Headquarters	Police stations and associated offices and facilities	200 Maple Grove Rd	Cambridge	N3H 4R7	105,613	40		2,079,930	171,729	398,613	0
Police Investigative Services	Police stations and associated offices and facilities	200 Maple Grove Rd	Cambridge	N3H 4R7	40,235	40		792,389	16,256	58,902	0
Police North Division (New)	Police stations and associated offices and facilities	55 Columbia St	Waterloo	N2J 4N7	50,183	40		737,526	44,974	111,247	0
Police Reporting Centre	Police stations and associated offices and facilities	150 Maple Grove Rd	Cambridge	N3H 4R7	9,264	40		182,445	6,807	19,355	0
Police South Division	Police stations and associated offices and facilities	176 Hespeler Rd	Cambridge	N1R 6V7	23,577	40		372,659	20,689	52,362	0
Preston Wastewater Plant	Facilities related to the treatment of sewage	395 Montrose St S	Cambridge	N3H 2J4	13,760	168	3,164	2,310,599	22,066	123,856	804
Public Health & Social Services	Administrative offices and related facilities, including municipal council chambers	99 Regina St	Waterloo	N2J 3A8	221,827	40		1,785,036	148,492	344,197	0
Rahmans PS & Reservoir	Facilities related to the pumping of water	191 Pinebush Rd	Cambridge	N1R 7H8	13,893	168	620	383,092		13,618	618
Regional Administration Building	Administrative offices and related facilities, including municipal council chambers	150 Frederick St	Kitchener	N2G 4J3	253,135	40		2,869,064	149,573	384,776	0
Regional Library Headquarters	Public libraries	2017 Nafziger Rd	Philipsburg	N3A 3H4	4,695	40		64,904		2,307	0
Regional Operations Centre	Storage facilities where equipment or vehicles are maintained, repaired or stored	100 Maple Grove Rd	Cambridge	N3H 4R6	114,253	40		1,254,106	225,539	470,992	0
Rose Station	Facilities related to the pumping of sewage	60 Rose St	Ayr	N0B 1E0	629	168	484	49,100	169	2,065	105
Roseville WTP / PS & Reservoir / R5 and R6	Facilities related to the treatment of water	40 Roseview Cres	Roseville	N0B 1E0	1,076	168	24	61,524		2,187	2,511
Shades Mill WTP & PS	Facilities related to the treatment of water	620 Franklin Blvd	Cambridge	N1R 5Y5	6,036	168	1,256	826,497	14,148	56,129	778
Spring Valley Station	Facilities related to the pumping of sewage	375 Riverbend Dr - Arnold	Kitchener	N2B 2G1	3,423	168	1,961	322,279		11,456	164
St Clements Library	Public libraries	3605 Lobsinger Line	St. Clements	N0B 2M0	1,293	40		6,241	1,655	3,351	0
St Clements WTP & PS	Facilities related to the treatment of water	14 Expo Dr	St. Clements	N0B 2M0	2,099	168	85	73,176	8,012	17,749	1,871
St Jacobs Library	Public libraries	29 Queensway Dr	St. Jacobs	N0B 2N0	1,690	40		6,883	1,969	3,967	0
St Jacobs Wastewater Plant	Facilities related to the treatment of sewage	61 Water St S	St. Jacobs	N0B 2N0	6,167	168	313	434,509	86,883	179,709	4,338
Strange Street PS & Reservoir	Facilities related to the pumping of water	25 Strange St	Kitchener	N2G 1P8	10,301	168	1,227	876,132	3,547	37,851	745
Turnbull WTP / PS & Reservoir	Facilities related to the treatment of water	900 Franklin Blvd	Cambridge	N1R 8J4	7,283	168	1,127	1,112,947	15,450	68,773	1,133
Waterloo County Courthouse	Administrative offices and related facilities, including municipal council chambers	20 Weber St E	Kitchener	N2H 1C3	60,586	40		460,972	44,143	99,845	0
Waterloo Wastewater Plant	Facilities related to the treatment of sewage	340 University Ave E	Waterloo	N2J 4B8	67,351	168	14,549	10,168,855	472,474	1,254,755	1,044
Wellesley Heights WTP / PS & Reservoir	Facilities related to the treatment of water	2233 Gerber Rd	Wellesley	N0B 2T0	3,548	168	223	337,244		11,988	1,509
Wellesley Wastewater Plant	Facilities related to the treatment of sewage	2156 Gerber Rd, Rr 12 & 5	Wellesley	N0B 2I0	8,777	168	295	774,483	30,191	84,611	3,712
West Montrose WTP / PS & Reservoir	Facilities related to the treatment of water	33 Tallwood Dr	West Montrose	N0B 2V0	919	168	19	91,129		3,239	4,897
William St Pump Station & Reservoir	Facilities related to the pumping of water	23 William St	Waterloo	N2L 1J4	22,087	168	1,669	997,454		35,457	598
WRES Training & Research	Administrative offices and related facilities, including municipal council chambers	1001 Erb St W	Waterloo	N2J 3Z4	15,627	40		286,040	6,426	22,317	0

[For previous years' data, please visit Ontario Open Data](#)