

2015 Energy Consumption and Greenhouse Gas Emissions Reporting

Sector
Agency Sub-sector
Organization Name

Municipality
Municipal
Region 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, 2015 to Dec 31, 2015 reporting period, the Region of Waterloo reported on 103 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 100 GWh of electricity, 4.33 million cubic meters of natural gas and emit 12,200 tonnes of greenhouse gas emissions.

Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area in square feet	Avg hrs/wk	Annual Flow (Mega Litres)	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	0	1,313,410	119,713	279,589	21	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	0	289,088	62,902	130,646	35	0	
Ayr Library	Public libraries	137 Stanley St	Ayr	N0B 1E0	7,151	40	0	49,116	4,919	11,292	14	0	
Ayr Wastewater Plant	Facilities related to the treatment of sewage	1292 Nith Rd	Ayr	N0B 1E0	2,500	168	463	493,697		20,018	197	1,066	
Ayr WTP & Booster Station	Facilities related to the pumping of water	59 Gibson St	Ayr	N0B 1E0	11,782	168	621	535,543	13,140	46,558	57	1,088	
Baden Library	Public libraries	115 Snyders Rd E	Baden	N3A 2V4	1,859	40	0	11,598	1,378	3,076	14	0	
Baden Station	Facilities related to the pumping of sewage	1044 Foundry St	Baden	N0B 1G0	2,234	168	491	99,687	0	4,042	45	203	
Branchton Meadows WTP / PS & Reservoir	Facilities related to the pumping of water	33 A Hughson St	Branchton	N0B 1L0	621	168	12	54,687	0	2,217	88	4,613	
Bridgeport Lift Pump Station	Facilities related to the pumping of sewage	21 Carisbrook Dr	Kitchener	N2K 4C7	2,348	168	828	389,799	0	15,806	166	471	
Chandler Drive Maintenance Facility	Storage facilities where equipment or vehicles are maintained, repaired or stored	85 Chandler Drive	Kitchener	N2E 3M6	93,488	40	0	1,355,417	234,968	499,196	41	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	0	745,412	316,428	628,472	83	0	
Conestoga Golf PS	Facilities related to the pumping of water	386 Golf Course Dr	Conestogo	N0B 1N0	543	168	56	83,152	0	3,372	153	1,489	
Conestoga Plains PS & Reservoir	Facilities related to the pumping of water	1982 Sawmill Rd	Conestogo	N0B 1N0	770	168	29	62,383	0	2,530	81	2,146	
Conestogo Wastewater Plant	Facilities related to the treatment of sewage	420 Golf Course Rd	Conestogo	N0B 1N0	1,209	168	14	84,798	4,452	11,855	109	9,668	
Doon - Curatorial Centre	Cultural facilities	10 Huron Rd	Kitchener	N2P 2R7	46,664	40	0	797,316	70,687	165,973	33	0	Operation type previously listed as art gallery
Doon - Maintenance Building	Cultural facilities	10 Huron Rd	Kitchener	N2P 2R7	4,054	40	0	69,260	6,140	14,417	33	0	Operation type previously listed as art gallery
Doon - Museum	Cultural facilities	10 Huron Rd	Kitchener	N2P 2R7	44,175	40	0	754,793	66,917	157,121	33	0	Operation type previously listed as art gallery
Elmira Library	Public libraries	65 Arthur St S	Elmira	N3B 2M6	6,411	40	0	37,689	17,066	33,794	34	0	
Elmira Wastewater Plant	Facilities related to the treatment of sewage	80 First St	Elmira	N3B 1G9	14,822	168	1,173	1,441,350	105,774	258,423	173	2,186	
EMS Hdqtrs. & Fleet Storage	Ambulance stations and associated offices and facilities	120 Maple Grove Rd	Cambridge	N3H 4R7	21,037	40	0	238,082	37,340	80,250	30	0	
EMS Services - Pinebush	Ambulance stations and associated offices and facilities	465 Pinebush Rd	Cambridge	N1T 2J4	3,188	40	0	46,786	17,877	35,696	74	0	
EMS Services - St Jacobs	Ambulance stations and associated offices and facilities	30 Parkside Dr	St. Jacobs	N0B 2N0	1,535	40	0	13,112	3,938	7,977	36	0	
EMS Services - Weber & Water	Ambulance stations and associated offices and facilities	100 Weber St W	Kitchener	N2H 3Z7	2,134	40	0	62,184	4,748	11,498	53	0	
EMS Services - Westmount	Ambulance stations and associated offices and facilities	90 Westmount Rd N	Waterloo	N2L 2R4	2,318	40	0	27,806	16,672	32,648	88	0	
Erb Station	Facilities related to the pumping of water	990 Erb St W	Waterloo	N2J 3Z4	2,083	168	3,696	1,604,856	0	65,074	771	434	
Firearms Training Facility	Police stations and associated offices and facilities	200 Maple Grove Rd	Cambridge	N3H 4R7	9,577	40	0	198,120	25,161	55,603	49	0	
Foxboro Wastewater Plant	Facilities related to the treatment of sewage	87 Foxboro Dr	Baden	N0B 1G0	1,496	168	41	101,631	1,706	7,347	80	2,913	
Foxboro WTP / PS & Reservoir	Facilities related to the treatment of water	87 Foxboro Dr	Baden	N0B 1G0	1,999	168	37	93,700	2,280	8,110	59	3,197	
G4	Facilities related to the pumping of water	35 Dianne Ave	Cambridge	N1S 3J4	229	168	561	381,943	0	15,487	1,668	681	
G5	Facilities related to the pumping of water	98 Pinebush Rd	Cambridge	N1R 8J8	317	168	759	415,214	0	16,836	1,309	547	
G6	Facilities related to the pumping of water	1098 Franklin Blvd	Cambridge	N1R 8B5	205	168	476	173,007	0	7,015	842	364	
G9	Facilities related to the pumping of water	55 Elgin St	Cambridge	N1R 5G6	330	168	469	218,377	0	8,855	661	466	
Galt Wastewater Plant	Facilities related to the treatment of sewage	230 Water St. S. R.R. #5	Cambridge	N1R 3C1	30,697	168	12,233	8,776,184	183,890	703,524	350	877	
Gaol House	Administrative offices and related facilities, including municipal council chambers	77 Queen St N	Kitchener	N2H 2H1	11,753	40	0	86,507	8,100	18,822	15	0	

Governor's Residence	Administrative offices and related facilities, including municipal council chambers	73 Queen St N	Kitchener	N2H 2H1	3,340	40	0	24,584	2,302	5,349	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	164,521	40	0	2,408,283	543,464	1,125,139	50	0
Greenbrook PS, Reservoir, Treatment Plant	Facilities related to the treatment of water	20 Greenbrook Dr	Kitchener	N2M 2S5	75,243	168	149	647,306	33,613	89,797	13	6,749
H3	Facilities related to the pumping of water	94 Winston Blvd	Cambridge	N3C 1L6	354	168	22	28,106	0	1,140	79	1,301
H4	Facilities related to the pumping of water	189 Hunger Ford Rd	Cambridge	N3C 2R3	264	168	525	225,182	0	9,131	853	429
H5	Facilities related to the pumping of water	500 Guelph Ave	Cambridge	N3C 1A8	79	168	467	217,648	0	8,825	2,747	466
Heidelberg Equipment Storage	Storage facilities where equipment or vehicles are maintained, repaired or stored	2828 Kressler Rd	Heidelberg	N0B 1Y0	5,092	40	0	21,116	9,272	18,385	23	0
Heidelberg Wastewater Plant	Facilities related to the treatment of sewage	5 Alpen Grove	Heidelberg	N0B 1Y0	1,722	168	18	122,365	4,141	12,791	97	9,118
Heidelberg WTP / PS & Reservoir	Facilities related to the treatment of water	7 Bavarian Dr	Heidelberg	N0B 1Y0	8,010	168	72	159,941	0	6,485	20	2,231
Heidelberg Yard	Storage facilities where equipment or vehicles are maintained, repaired or stored	2828 Kressler Rd	Heidelberg	N0B 1Y0	9,819	40	0	40,722	17,880	35,457	23	0
Hespeler Wastewater Plant	Facilities related to the treatment of sewage	900 Beaverdale Rd 875 Highland Rd W	Cambridge	N3C 4B1	3,549	168	2,349	2,086,485	17,361	117,426	640	967
Highland Hills Office	Administrative offices and related facilities, including municipal council chambers	Unit 85 464-468 Queen	Kitchener	N2N 2Y2	384	40	0	23,215	0	941	60	0
Joseph Schneider House	Cultural facilities	Street S	Kitchener	N2G 1W7	10,984	40	0	114,111	5,849	15,685	16	0 Operation type previously listed as art gallery
K23	Facilities related to the pumping of water	1508 Mannheim Rd 1024 Witmer	Petersburg	N0B 2H0	391	168	1,046	417,445	0	16,927	1,068	399
K24	Facilities related to the pumping of water	Rd/RR#2 1139 Mannheim	Petersburg	N0B 2H0	404	168	1,065	442,457	0	17,941	1,096	415
K26	Facilities related to the pumping of water	Rd/RR#2	Petersburg	N0B 2H0	384	168	2,531	1,052,566	0	42,679	2,743	416
K34 & K36	Facilities related to the treatment of water	163 Biehn Dr	Kitchener	N2R 1M6	2,029	168	1,447	983,931	9,121	57,141	533	747
K50s Diesel Chemical and Generator Bldgs	Facilities related to the pumping of water	2324 Bleams Rd	Kitchener	N2E 3Y1	596	168	3,125	1,197,576	0	48,559	2,009	383
Kitchener Wastewater Plant	Facilities related to the treatment of sewage	368 Mill Park Dr	Kitchener	N2M 3R7	57,110	168	23,410	8,653,985	316,063	948,459	210	513
Linwood WTP & PS	Facilities related to the treatment of water	3881 Manser Rd	Linwood	N0B 2T0	1,586	168	65	76,766	7,465	17,226	98	2,390
Mannheim Storage & Pumping	Facilities related to the pumping of water	2056 Ottawa St S	Kitchener	N2G 3W7	88,582	168	4,008	3,936,478	0	159,616	44	982
Mannheim Water Treatment Plant	Facilities related to the treatment of water	2056 Ottawa St S	Kitchener	N2G 3W7	136,631	168	16,485	13,328,676	186,420	892,902	112	929
Maple Grove Voice Radio	Police stations and associated offices and facilities	230 Maple Grove Rd	Cambridge	N3H 4R7	1,768	40	0	36,577	684	2,776	25	0
Maryhill Heights PS & Reservoir	Facilities related to the pumping of water	24 St Boniface Dr	Maryhill	N0B 2B0	860	168	11	40,276	0	1,633	47	3,633
Maryhill WTP / PS & Reservoir	Facilities related to the treatment of water	52 Islay Dr	Maryhill	N0B 2B0	658	168	24	72,568	0	2,942	110	2,992
McDougall Cottage	Cultural facilities	89 Grand Ave S	Cambridge	N1S 2L7	1,511	40	0	7,273	2,927	5,829	25	0
Middleton PS & Reservoir	Facilities related to the treatment of water	50 Middleton St 35 West Morningside	Cambridge	N1S 2R4	24,040	168	6,647	6,809,492	24,871	323,133	294	1,064
Morningside Station	Facilities related to the pumping of sewage	Cir.	New Hamburg	N3A 2E6	1,782	168	12,112	227,754	1,018	11,160	134	20
New Dundee Library *New*	Public libraries	1176 Queen St	New Dundee	N0B 2E0	870	40	0	8,868	1,914	3,978	34	0
New Dundee PS & Reservoir	Facilities related to the pumping of water	156 Alderview Dr	New Dundee	N0B 2E0	363	168	72	109,868	0	4,455	303	1,535
New Hamburg Library	Public libraries	145 Huron Street	New Hamburg	N3A 1K1	3,627	40	0	27,957	5,031	10,645	22	0
New Hamburg PS / PS & Reservoir	Facilities related to the pumping of water	389 Fairview St	New Hamburg	N0B 2G0	9,718	168	731	205,171	12,033	31,069	34	456
New Hamburg Wastewater Plant	Facilities related to the treatment of sewage	1293 Haysville Rd Douglas Dr & Broom	New Hamburg	N0B 2G0	8,631	168	12,112	1,150,919	0	46,667	133	95
Nith River Station	Facilities related to the pumping of sewage	St	Ayr North	N0B 1E0	264	168	22	7,492	0	304	28	338
North Dumfries Yard	Storage facilities where equipment or vehicles are maintained, repaired or stored	2003 Dumfries Rd	Dumfries	N1R 5S5	4,250	40	0	11,180	9,471	18,359	26	0
Parkway PS & Reservoir	Facilities related to the pumping of water	34 Manitou Dr	Kitchener	N2C 1L3	45,711	168	1,963	996,275	0	40,397	22	508
Philipsburg Yard & EMS	Storage facilities where equipment or vehicles are maintained, repaired or stored	1991 Nafziger Rd	Philipsburg	N0B 2G0	11,108	40	0	113,721	0	4,611	10	0 EMS building added to site in 2015
Pinebush WTP & PS AND Elevated Tank	Facilities related to the treatment of water	340 Pinebush Rd	Cambridge	N1T 1B2	11,846	168	908	1,061,963	0	43,060	90	1,170
Police Central Division	Police stations and associated offices and facilities	134 Frederick St	Kitchener	N2G 4G3	42,096	40	0	733,625	97,908	214,855	42	0
Police Division 1A	Police stations and associated offices and facilities	34 Peel St	New Hamburg	N3A 1E2	1,248	40	0	17,435	4,933	10,033	56	0
Police Division 3	Police stations and associated offices and facilities	13 Industrial Dr, Unit 13	Elmira	N3B 2S1	2,480	40	0	38,191	6,316	13,490	42	0
Police Headquarters	Police stations and associated offices and facilities	200 Maple Grove Rd	Cambridge	N3H 4R7	105,613	40	0	2,184,861	195,159	457,565	40	0
Police Investigative Services	Police stations and associated offices and facilities	200 Maple Grove Rd	Cambridge	N3H 4R7	40,235	40	0	832,364	28,064	86,809	28	0
Police North Division (New)	Police stations and associated offices and facilities	55 Columbia St	Waterloo	N2J 4N7	50,183	40	0	742,033	53,137	130,550	26	0
Police Reporting Centre	Police stations and associated offices and facilities	150 Maple Grove Rd	Cambridge	N3H 4R7	9,264	40	0	191,650	10,270	27,188	32	0
Police South Division	Police stations and associated offices and facilities	176 Hespeler Rd	Cambridge	N1R 6V7	23,577	40	0	338,700	25,842	62,591	26	0
Preston Wastewater Plant	Facilities related to the treatment of sewage	395 Montrose St S	Cambridge	N3H 2J4	13,760	168	3,084	2,232,355	16,336	121,403	175	780
Public Health & Social Services	Administrative offices and related facilities, including municipal council chambers	99 Regina St	Waterloo	N2J 3A8	221,827	40	0	1,755,555	153,676	361,728	15	0
Rahmans PS & Reservoir	Facilities related to the pumping of water	191 Pinebush Rd	Cambridge	N1R 7H8	13,893	168	752	421,683	0	17,098	30	561
Regional Administration Building	Administrative offices and related facilities, including municipal council chambers	150 Frederick St	Kitchener	N2G 4J3	253,135	40	0	2,826,995	133,311	366,670	17	0
Regional Library Headquarters	Public libraries	2017 Nafziger Rd	Philipsburg	N3A 3H4	4,695	40	0	57,871	0	2,347	12	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	0	1,419,494	246,701	523,977	35	0
Rose Station	Facilities related to the pumping of sewage	60 Rose St	Ayr	N0B 1E0	629	168	463	47,716	292	2,487	81	110
Roseville WTP / PS & Reservoir / R5 and R6	Facilities related to the treatment of water	40 Roseview Cres	Roseville	N0B 1E0	1,076	168	27	57,332	0	2,325	53	2,144
Shades Mill WTP & PS	Facilities related to the treatment of water	620 Franklin Blvd	Cambridge	N1R 5Y5	6,036	168	1,253	1,293,040	0	52,430	214	1,032
Spring Valley Station	Facilities related to the pumping of sewage	375 Riverbend Dr - Arnold	Kitchener	N2B 2G1	3,423	168	1,821	297,835	0	12,077	87	164 Previously listed as Clements Library
St Clements Library	Public libraries	3605 Lobsinger Line	St. Clements	N0B 2M0	1,293	40	0	4,434	1,746	3,481	18	0
St Clements WTP & PS	Facilities related to the treatment of water	14 Expo Dr	St. Clements	N0B 2M0	2,099	168	81	80,872	8,852	20,015	83	2,153
St Jacobs Library	Public libraries	29 Queensway Dr	St. Jacobs	N0B 2N0	1,690	40	0	7,717	2,670	5,361	21	0 Previously listed as Jacobs Library
St Jacobs Wastewater Plant	Facilities related to the treatment of sewage	61 Water St S	St. Jacobs	N0B 2N0	6,167	168	265	459,805	69,666	150,357	195	4,534
Strange Street PS & Reservoir	Facilities related to the pumping of water	25 Strange St	Kitchener	N2G 1P8	10,301	168	865	746,891	5,271	40,250	78	928
Turnbull WTP / PS & Reservoir	Facilities related to the treatment of water	900 Franklin Blvd	Cambridge	N1R 8J4	7,283	168	1,160	2,049,147	0	83,089	281	1,767
Waterloo County Courthouse	Administrative offices and related facilities, including municipal council chambers	20 Weber St E	Kitchener	N2H 1C3	60,586	40	0	445,938	41,757	97,028	15	0
Waterloo Wastewater Plant	Facilities related to the treatment of sewage	340 University Ave E	Waterloo	N2J 4B8	67,351	168	14,013	10,232,764	654,116	1,651,607	255	1,226
Wellesley Heights WTP / PS & Reservoir	Facilities related to the treatment of water	2233 Gerber Rd	Wellesley	N0B 2T0	3,548	168	217	350,931	0	14,230	99	1,619
Wellesley Wastewater Plant	Facilities related to the treatment of sewage	2156 Gerber Rd, RR#12 & 5	Wellesley West	N0B 2I0	8,777	168	250	717,129	28,181	82,358	116	4,062
West Montrose WTP / PS & Reservoir	Facilities related to the treatment of water	33 Tallwood Dr	Montrose	N0B 2V0	919	168	26	88,887	0	3,604	97	3,439
William St Pump Station & Reservoir	Facilities related to the pumping of water	23 William St	Waterloo	N2L 1J4	22,087	168	1,560	962,507	0	39,028	44	617
WRES Training & Research	Administrative offices and related facilities, including municipal council chambers	1001 Erb St W	Waterloo	N2J 3Z4	15,627	40	0	284,843	8,093	26,851	24	0

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