

Energy Consumption and Greenhouse Gas Emissions Reporting - for 2017

Confirm consecutive 12 month period (mth-yr to mth-yr)	Jan/2017 - Dec/2017
Sector	Municipality
Agency Sub-sector	Municipal
Organization Name	City of Waterloo

Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area	Unit	Avg hrs/yr	Annual Flow (ML)	Electricity Quantity	Electricity Unit	Natural Gas Quantity	Natural Gas Unit	Fuel Oil 1 & 2 Quantity	Fuel Oil 4 & 6 Quantity	Fuel Oil 4 & 6 Unit	Propane Quantity	Propane Unit	Coal Quantity	Coal Unit	Wood Quantity	Wood Unit	District Heating Quantity	District Heating Unit	Renewable?	If Yes, enter Emission Factor	District Cooling Quantity	District Cooling Unit	Renewable?	If Yes, enter Emission Factor	GHG Emissions (kg)	Energy Intensity (kWh/sqft)	Energy Intensity (kWh/Mega Litres)	Building / Operation Identifier	Comments	
404 Wing Rotary Adult Centre - Main Building	Community centres	510 Dutton Drive	Waterloo	N2L 4C6	6,500.00	Square feet	98		105,168.64000	kWh	16,813.66500	Cubic Meter																	33,607.57615	43.67865	0.00000				
Adult Recreation Centre (ARC)	Community centres	185 King Street South	Waterloo	N2J 1P7	16,926.00	Square feet	40		176,780.00000	kWh	29,066.21600	Cubic Meter																	57,897.52962	28.65601	0.00000				
Albert McCormick Community Centre	Indoor ice rinks	500 Parkside Drive	Waterloo	N2L 5J4	72,997.00	Square feet	133		1,525,709.32000	kWh	112,463.94800	Cubic Meter																	239,019.09643	37.27483	0.00000				
Bullock Factory	Community centres	26 Regina Street South	Waterloo	N2J 1R8	12,180.00	Square feet	46		36,811.79200	kWh	14,801.46800	Cubic Meter																	28,620.82542	15.93748	0.00000				
Carnegie Library	Cultural facilities	40 Albert Street	Waterloo	N2L 5S2	7,452.00	Square feet	50		26,921.84400	kWh	1,251.72900	Cubic Meter																	2,814.94213	5.26363	0.00000				
City of Waterloo Museum	Cultural facilities	550 King Street North	Waterloo	N2L 5W6	4,000.00	Square feet	37.5		52,763.74400	kWh																			912,70724	13.19094	0.00000				
Elam Martin Farmstead	Cultural facilities	2022 University Avenue East	Waterloo	N2K 4K4	11,500.00	Square feet	168		44,176.72800	kWh																			764,16904	3.84145	0.00000				
EMS Building (Old Fire Station #2)	Ambulance stations and associated offices and facilities	90 Westmount Drive	Waterloo	N2L 2R4	5,780.00	Square feet	168		32,790.44800	kWh	13,738.46700	Cubic Meter																	26,541.52582	30.93422	0.00000				
Erbsville Community Centre	Community centres	719 Erbsville Road	Waterloo	N2J 3Z4	5,844.00	Square feet	44		32,879.39000	kWh						15,114.70000	Line												23,860.25555	23.80974	0.00000				
Fire Station #1 - Main Building	Fire stations and associated offices and facilities	216 Weber Street North	Waterloo	N2J 3H4	12,670.00	Square feet	168		130,606.35000	kWh	18,970.37400	Cubic Meter																	38,125.12993	26.22094	0.00000				
Fire Station #2	Fire stations and associated offices and facilities	470 Columbia Street W.	Waterloo	N2T 2Y6	20,800.00	Square feet	168		269,871.82160	kWh	22,518.73300	Cubic Meter																	47,242.76739	24.48057	0.00000				
Fire Station #3	Fire stations and associated offices and facilities	150 Northfield Drive	Waterloo	N2L 6J6	4,932.00	Square feet	168		75,599.78900	kWh	14,426.77600	Cubic Meter																	28,563.38080	46.41613	0.00000				
Fire Station #4	Fire stations and associated offices and facilities	911 University Avenue East	Waterloo	N2K 0A6	6,141.00	Square feet	168		73,937.48000	kWh	18,326.28700	Cubic Meter																	35,927.14354	43.75593	0.00000				
Hillside Park Optimist Building	Administrative offices and related facilities, including municipal council chambers	352 Mansland Drive	Waterloo	N2J 4N7	1,000.00	Square feet	5		14,252.90417	kWh																			246,54674	14.25290	0.00000				
Hillside Park Storage Building/Washrooms	Storage facilities where equipment or vehicles are maintained, repaired or stored	352 Mansland Drive	Waterloo	N2J 4N7	3,800.00	Square feet	5		54,161.03583	kWh																			936,87760	14.25290	0.00000				
John M. Harper District Branch & Stork Family YMCA	Indoor recreational facilities	500 Fischer-Hallman Road North	Waterloo	N2L 0B1	68,422.00	Square feet	113.5		1,659,633.83000	kWh	185,892.30700	Cubic Meter																	380,161.36070	53.12993	0.00000				
Manulife Financial Soccer & Sport Complex	Indoor sports arenas	185 Bridge Street	Waterloo	N2K 1K9	27,405.00	Square feet	105		219,093.67172	kWh	34,312.87100	Cubic Meter																	68,862.72269	21.45794	0.00000				
Roses Storage Community Centre	Indoor ice rinks	150 Lincoln Road	Waterloo	N2J 2P1	44,200.00	Square feet	112		612,129.23400	kWh	55,540.09600	Cubic Meter																	117,464.78885	27.46889	0.00000				
Mount Hope Cemetery Equipment Storage	Storage facilities where equipment or vehicles are maintained, repaired or stored	81 Roger Street	Waterloo	N2J 1A4	1,000.00	Square feet	40		1,411.98000	kWh	1,187.27600	Cubic Meter																	2,265.12048	14.03069	0.00000				
Parkview Cemetery Offices	Storage facilities where equipment or vehicles are maintained, repaired or stored	335 University Ave. East	Waterloo	N2K 4P4	3,446.00	Square feet	40		27,752.13353	kWh	30,459.36378	Cubic Meter																	58,067.35196	101.99288	0.00000				
Parkview Storage 2	Storage facilities where equipment or vehicles are maintained, repaired or stored	335 University Ave. East	Waterloo	N2K 4P4	400.00	Square feet	5		3,221.37360	kWh	3,535.61971	Cubic Meter																	6,740.28140	101.99288	0.00000				
Parkview Storage Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	335 University Ave. East	Waterloo	N2K 4P4	1,200.00	Square feet	5		9,664.12079	kWh	10,608.85912	Cubic Meter																	20,220.78420	101.99288	0.00000				
Parkview Storage	Storage facilities where equipment or vehicles are maintained, repaired or stored	335 University Ave. East	Waterloo	N2K 4P4	200.00	Square feet	5		1,610.68880	kWh	1,767.80985	Cubic Meter																	3,370.13070	101.99288	0.00000				
RIM Park - Manulife Financial Sportsplex	Indoor recreational facilities	2001 University Avenue East	Waterloo	N2K 4K4	320,000.00	Square feet	91		6,326,959.32000	kWh	422,834.58500	Cubic Meter																	908,856.36935	33.81469	0.00000				
Rink in The Park	Indoor ice rinks	99 Seagram Drive	Waterloo	N2L 3B9	33,770.00	Square feet	112		653,986.65000	kWh	42,609.20100	Cubic Meter																	91,870.75893	32.76574	0.00000				
Service Centre - Main Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	265 Lexington Court	Waterloo	N2J 4R9	59,892.00	Square feet	168		627,951.84921	kWh	121,941.69900	Cubic Meter																	241,408.57864	32.12317	0.00000				
Service Centre - Oktoberfest Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	265 Lexington Court	Waterloo	N2J 4R9	15,000.00	Square feet	168		157,271.05019	kWh																			2,720.47463	10.48474	0.00000				
Service Centre - Parks Portable	Storage facilities where equipment or vehicles are maintained, repaired or stored	265 Lexington Court	Waterloo	N2J 4R9	1,000.00	Square feet	40		10,484.73668	kWh																			181.36486	10.48474	0.00000				
Service Centre - Pigeon Coop/Cold Vehicle Storage Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	265 Lexington Court	Waterloo	N2J 4R9	16,600.00	Square feet	168		174,256.32361	kWh																			3,014.28589	10.48737	0.00000				
Service Centre - Truckwash	Storage facilities where equipment or vehicles are maintained, repaired or stored	265 Lexington Court	Waterloo	N2J 4R9	2,000.00	Square feet	168		20,654.93126	kWh	4,662.75700	Cubic Meter																	9,172.82328	35.10484	0.00000				
Uptown Parkade (Wills Way)	Parking garages	60 King Street	Waterloo	N2J 1N8	207,084.00	Square feet	168		331,050.00000	kWh	19,461.45000	Cubic Meter																	45,536.83483	2.59741	0.00000				
Waterloo City Centre	Administrative offices and related facilities, including municipal council chambers	100 Regina Street South	Waterloo	N2J 4A8	75,000.00	Square feet	55		1,013,892.12000	kWh	77,533.25300	Cubic Meter																	164,124.24847	24.50491	0.00000				
Waterloo Library (Main Branch)	Public libraries	35 Albert Street	Waterloo	N2L 5E2	35,200.00	Square feet	62		376,440.00000	kWh	65,808.98700	Cubic Meter																	136,928.12553	30.56332	0.00000				
Waterloo Memorial Recreation Complex - Portable #1	Storage facilities where equipment or vehicles are maintained, repaired or stored	101 Father David Bauer Drive	Waterloo	N2L 6L1	1,000.00	Square feet	5		23,712.36701	kWh	2,197.91737	Cubic Meter																	4,565.61845	47.07134	0.00000				
Waterloo Memorial Recreation Complex - Portable #2	Administrative offices and related facilities, including municipal council chambers	101 Father David Bauer Drive	Waterloo	N2L 6L1	1,000.00	Square feet	40		23,712.36701	kWh	2,197.91737	Cubic Meter																		4,565.61845	47.07134	0.00000			
Waterloo Memorial Recreation Complex - Portable #3	Administrative offices and related facilities, including municipal council chambers	101 Father David Bauer Drive	Waterloo	N2L 6L1	1,000.00	Square feet	128		4,306.829.78597	kWh	399,203.33626	Cubic Meter																		829,244.14783	47.07134	0.00000			
Waterloo Park - Concrete Bunker	Storage facilities where equipment or vehicles are maintained, repaired or stored	Waterloo Park	Waterloo	N2L	100.00	Square feet	1		706.93019	kWh																			1,222.648	7.06930	0.00000				
Waterloo Park - Eby Schoolhouse	Cultural facilities	Waterloo Park	Waterloo	N2L	430.00	Square feet	5		3,039.79981	kWh	615.04807	Cubic Meter																	1,215.40894	22.27068	0.00000				
Waterloo Park - Former Woodworkers Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	Waterloo Park	Waterloo	N2L	1,112.00	Square feet	1		7,461.06370	kWh																			135.98068	7.06930	0.00000				
Waterloo Park - Grist Mill	Cultural facilities	Waterloo Park	Waterloo	N2L	2,080.00	Square feet	8		14,704.14793	kWh	2,975.11623	Cubic Meter																	5,878.18743	22.27068	0.00000				
Waterloo Park - Hospitality Centre - Seney	Parking garages	Waterloo Park	Waterloo	N2L	2,800.00	Square feet	91		19,784.04535	kWh	4,034.65416	Cubic Meter																	7,914.29077	22.27068	0.00000				
Waterloo Park - Potters Workshop-Ert Fairhouse	Cultural facilities																																		