

Energy Consumption and Greenhouse Gas Emissions Reporting - for 2018

Confirm consecutive 12-mth period (mth-yr to mth-yr)	Jan/2018 - Dec/2018
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/wk	Annual Flow (MJ)	Electricity Quantity	Electricity Unit	Natural Gas Quantity	Natural Gas Unit	Fuel Oil 1 & 2 Quantity	Fuel Oil 1 & 2 Unit	Fuel Oil 4 & 6 Quantity	Fuel Oil 4 & 6 Unit	Propane Quantity	Propane Unit	Coal Quantity	Coal Unit	Wood Quantity	Wood Unit	GHG Emissions (kg)	Energy Intensity (kWh/m <sup>2</sup> )	Energy Intensity (kWh/Mega Litre)	Building / Operation Identifier	Comments
404 West Rotary Adult Centre - Main Building	Community centres	510 Dutton Drive	Waterloo	N2L 4C5	6,500.00	Square feet	98	94,025.24000 kWh			21,876.08500	Cubic Meter											44,137.89429	50.2391	0.00000		
Adult Recreation Centre (ARC)	Community centres	185 King Street South	Waterloo	N2J 1P7	16,926.00	Square feet	40	140,760.00000 kWh			34,265.68800	Cubic Meter											68,942.81139	29.83151	0.00000		
Albert McCormick Community Centre	Indoor ice rinks	500 Parkside Drive	Waterloo	N2L 5J4	72,997.00	Square feet	133	1,402,318.56000 kWh			125,258.77000	Cubic Meter											278,253.32136	37.44730	0.00000		
Button Factory	Community centres	25 Regina Street South	Waterloo	N2J 1R8	12,180.00	Square feet	46	38,087.93600 kWh			16,458.41900	Cubic Meter											32,242.15367	17.48804	0.00000		
Carnegie Library	Cultural facilities	40 Albert Street	Waterloo	N2L 3S2	7,452.00	Square feet	50	14,293.63200 kWh															422.34824	1.91809	0.00000		Leased space - natural gas data not available.
City of Waterloo Museum	Cultural facilities	550 King Street North	Waterloo	N2L 5W6	4,000.00	Square feet	37.5	58,235.26400 kWh															1,720.73588	14.55882	0.00000		Leased space - natural gas data not available.
Elam Martin Farmstead	Cultural facilities	2002 University Avenue East	Waterloo	N2K 4K4	11,500.00	Square feet	168	39,198.17600 kWh															1,158.22770	3.40854	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	33,271.96800 kWh			16,894.15100	Cubic Meter											32,923.65813	36.81994	0.00000		Leased space
Erbville Community Centre	Community centres	719 Erbville Road	Waterloo	N2J 3Z4	5,844.00	Square feet	44	30,222.20000 kWh										17,650.60000	Litre				28,092.29776	26.40584	0.00000		Leased space
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	127,351.12000 kWh					23,806.50000	Cubic Meter									48,772.18257	30.02662	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	256,256.37840 kWh					25,982.93100	Cubic Meter									56,695.89436	25.59602	0.00000		
Fire Station #3	Fire stations and associated offices and facilities	150 Northfield Drive	Waterloo	N2L 6J6	4,932.00	Square feet	168	67,595.32800 kWh			18,243.02500	Cubic Meter											36,488.06238	53.01665	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	72,695.12000 kWh			22,278.52500	Cubic Meter											44,268.37629	50.39347	0.00000		
Hillside Park Optimist Building	Administrative offices and related facilities, including municipal council chambers	352 Marsland Drive	Waterloo	N2J 4N7	1,000.00	Square feet	5	13,394.98417 kWh															395.79499	13.99498	0.00000		Leased space
Hillside Park Storage Building/Washrooms	Storage facilities where equipment or vehicles are maintained, repaired or stored	352 Marsland Drive	Waterloo	N2J 4N7	3,800.00	Square feet	5	50,900.93983 kWh															1,504.02097	13.99498	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	1,485,575.60000 kWh			174,042.21400	Cubic Meter											372,944.69676	48.74540	0.00000		Leased space
Manulife Financial Soccer & Sport Complex	Indoor sports arenas	185 Bridge Street	Waterloo	N2K 1K9	27,205.00	Square feet	105	206,065.29365 kWh			39,897.07200	Cubic Meter											81,519.29884	23.16054	0.00000		
Moses Springer Community Centre	Indoor ice rinks	150 Lincoln Road	Waterloo	N2J 2P1	44,205.00	Square feet	112	502,159.92000 kWh			51,033.54100	Cubic Meter											111,323.21184	23.62930	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	1,243.09000 kWh			1,664.54100	Cubic Meter											3,183.75698	18.93346	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	26,101.85636 kWh			31,351.86809	Cubic Meter											60,045.98597	104.26655	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	3,029.81501 kWh			3,639.21858	Cubic Meter											6,969.92989	104.26655	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	9,089.44504 kWh			10,917.65575	Cubic Meter											20,909.78966	104.26655	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	1,514.90751 kWh			1,819.60929	Cubic Meter											3,484.96494	104.26655	0.00000		
Rink Park - Manulife Financial Sportsplex	Indoor recreational facilities	2001 University Avenue East	Waterloo	N2K 4K4	320,000.00	Square feet	91	5,621,574.00000 kWh			453,310.17200	Cubic Meter											1,023,146.73911	32.52257	0.00000		
Rink In The Park	Indoor ice rinks	99 Seagram Court	Waterloo	N2L 3B6	33,779.00	Square feet	112	583,008.36000 kWh			62,800.31000	Cubic Meter											135,958.69272	37.01815	0.00000		
Service Centre - Main Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	265 Lexington Court	Waterloo	N2J 4R9	71,895.00	Square feet	168	662,148.13793 kWh	0.00000		135,580.16600	Cubic Meter											275,896.67568	29.25188	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	165,835.53845 kWh															4,900.10849	11.05570	0.00000		Portions of building are leased.
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	11,055.70256 kWh															326.67390	11.05570	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	183,745.77661 kWh															5,429.33021	11.06902	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	21,779.73405 kWh			7,973.86500	Cubic Meter											15,719.15205	53.26210	0.00000		
Uptown Parkade (Willis Way)	Parking garages	60 King Street	Waterloo	N2J 1N8	207,084.00	Square feet	168	296,541.09000 kWh			27,379.80200	Cubic Meter											60,527.18904	2.83715	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	862,607.70500 kWh			88,086.43000	Cubic Meter											192,026.91536	23.98361	0.00000		Portions of building are leased.
Waterloo Library (Main Branch)	Public libraries	35 Albert Street	Waterloo	N2L 5C2	35,200.00	Square feet	62	343,113.74400 kWh			73,613.17000	Cubic Meter											140,313.30927	31.97323	0.00000		Leased space
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	21,756.58843 kWh			1,992.39812	Cubic Meter											4,409.74536	42.93135	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	21,756.58843 kWh			1,992.39812	Cubic Meter											4,409.74536	42.93135	0.00000		
Waterloo Memorial Recreation Complex	Indoor ice rinks	101 Father David Bauer Drive	Waterloo	N2L 6L1	181,628.00	Square feet	126	3,951,605.64314 kWh			361,875.28576	Cubic Meter											800,933.22943	42.93135	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	679.44694 kWh															20.07630	6.79447	0.00000		
Waterloo Park - Eby Schoolhouse	Cultural facilities	Waterloo Park	Waterloo	N2L	430.00	Square feet	5	2,921.62185 kWh			737.92589	Cubic Meter											1,481.47069	25.03287	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	7,555.45000 kWh															223.24844	6.79447	0.00000		
Waterloo Park - Grist Mill	Cultural facilities	Waterloo Park	Waterloo	N2L	2,080.00	Square feet	8	14,132.49639 kWh			3,569.50198	Cubic Meter											7,166.18382	25.03287	0.00000		
Waterloo Park - Hospitality Centre - Servery	Parking garages	Waterloo Park	Waterloo	N2L	2,800.00	Square feet	91	19,024.51438 kWh			4,805.09882	Cubic Meter											9,646.78592	25.03287	0.00000		
Waterloo Park - Potters Workshop-Erb Farmhouse	Cultural facilities	Waterloo Park	Waterloo	N2L	2,520.00	Square feet	56	17,122.06294 kWh			4,324.58894	Cubic Meter											8,682.10738	25.03287	0.00000		
Waterloo Park - Service Centre	Storage facilities where equipment or vehicles are maintained, repaired or stored	Waterloo Park	Waterloo	N2L	5,982.00	Square feet	56	40,644.51607 kWh															1,200.96416	6.79447	0.00000		
Waterloo Park - Storage Booth	Storage facilities where equipment or vehicles are maintained, repaired or stored	Waterloo Park	Waterloo	N2L	240.00	Square feet	1	1,630.67266 kWh															48.18312	6.79447	0.00000		
Waterloo St. Jacob Railway Station	Cultural facilities	10 Father David Bauer Drive	Waterloo	N2L 6M3	2,400.00	Square feet	42	11,035.38000 kWh			2,394.18900	Cubic Meter											4,852.59177	15.20012	0.00000		