

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 (sq ft)	Unit	Avg hrs/yr	Annual Flow (MJ)	Electricity Quantity (kWh)	Electricity Unit	Natural Gas Quantity (kWh)	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/sqft)	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	99,028.24000 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														422.34624	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														1,720.73558	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	
Erbsville Community Centre	Community centres	719 Erbsville 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														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														56,695.89436	25.96002	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														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												60,045.96597	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	5,631,574.00000 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			
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		Portions of building are leased.	
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												149,313.30927	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			