

Energy Consumption and Greenhouse Gas Emissions Reporting - for 2016

Confirm consecutive 12-mth period (mth-yr to mth-yr)	Jan/2016 - Dec/2016
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 (ML)	Electricity Quantity	Electricity Unit	Natural Gas Quantity	Natural Gas Unit	Propane Quantity	Propane Unit	GHG Emissions (Kg)	Energy Intensity (ekWh/sqft)	Energy Intensity (ekWh/Mega Litre)	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		83,531.00000 kWh		17,879.44500 Cubic Meter				36,772.72145	42.08458	0.00000		
Adult Recreation Centre (ARC)	Community centres	185 King Street South	Waterloo	N2J 1P7	16,926.00	Square feet	40		158,960.00000 kWh		25,978.19900 Cubic Meter				54,765.79452	25.70309	0.00000		
Albert McCormick Community Centre	Indoor ice rinks	500 Parkside Drive	Waterloo	N2L 5J4	72,997.00	Square feet	133		1,478,543.00000 kWh		103,735.16100 Cubic Meter				248,683.74280	35.35785	0.00000		
Button Factory	Community centres	25 Regina Street South	Waterloo	N2J 1R8	12,180.00	Square feet	46		43,927.00000 kWh		14,790.36700 Cubic Meter				29,524.58419	16.51196	0.00000		
Carnegie Library	Cultural facilities	40 Albert Street	Waterloo	N2L 3S2	7,452.00	Square feet	50		35,704.00000 kWh		8,176.47400 Cubic Meter				16,727.86830	16.45219	0.00000		Leased space
City of Waterloo Museum	Cultural facilities	550 King Street North	Waterloo	N2L 5W6	4,000.00	Square feet	37.5		70,084.00000 kWh						2,491.34603	17.52100	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		36,884.00000 kWh						1,311.15243	3.20730	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		33,496.00000 kWh		13,319.37100 Cubic Meter				26,372.67824	30.28569	0.00000		Leased space
Erbsville Community Centre	Community centres	719 Erbsville Road	Waterloo	N2J 3Z4	5,844.00	Square feet	44		26,225.00000 kWh				16,483.90000 Litre		26,333.67246	24.31827	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		137,448.00000 kWh		16,896.85400 Cubic Meter				36,831.64989	25.02163	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		265,781.00000 kWh		23,201.60000 Cubic Meter				53,313.55439	24.63281	0.00000		
Fire Station #3	Fire stations and associated offices and facilities	150 Northfield Drive	Waterloo	N2L 6J6	4,932.00	Square feet	168		71,818.00000 kWh		16,219.72300 Cubic Meter				33,218.43250	49.51290	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		66,888.00000 kWh		16,599.95500 Cubic Meter				33,762.05775	39.62036	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		14,123.95833 kWh						502.07847	14.12396	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		53,671.04167 kWh						1,907.89819	14.12396	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		1,817,086.00000 kWh		189,560.72600 Cubic Meter				422,982.39984	56.00092	0.00000		Leased space
Manulife Financial Soccer & Sport Complex	Indoor sports arenas	185 Bridge Street	Waterloo	N2K 1K9	27,205.00	Square feet	105		197,074.76760 kWh		25,736.73100 Cubic Meter				55,664.17236	17.29825	0.00000		
Moses Springer Community Centre	Indoor ice rinks	150 Lincoln Road	Waterloo	N2J 2P1	44,205.00	Square feet	112		576,817.00000 kWh		63,340.58800 Cubic Meter				140,258.11658	28.27704	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		2,008.00000 kWh		1,016.40100 Cubic Meter				1,993.01556	12.81008	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		24,963.04536 kWh		29,468.96865 Cubic Meter				56,602.21412	98.12904	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		2,897.62570 kWh		3,420.65800 Cubic Meter				6,570.19317	98.12904	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		8,692.87709 kWh		10,261.97399 Cubic Meter				19,710.57950	98.12904	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		1,448.81285 kWh		1,710.32900 Cubic Meter				3,285.09658	98.12904	0.00000		
RIM Park - Manulife Financial Sportsplex	Indoor recreational facilities	2001 University Avenue East	Waterloo	N2K 4K4	320,000.00	Square feet	91		6,804,542.00000 kWh		389,144.65000 Cubic Meter				977,615.24121	34.18839	0.00000		
Rink In The Park	Indoor ice rinks	99 Seagram Drive	Waterloo	N2L 3B6	33,779.00	Square feet	112		701,495.00000 kWh		41,278.92900 Cubic Meter				102,979.80196	33.75465	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		444,499.44103 kWh		100,857.65100 Cubic Meter				206,485.26427	25.31877	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		111,325.24570 kWh						3,957.38983	7.42168	0.00000		Portions of building are leased. Floor area updated for the 2015 reporting year after facility audit.
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		7,421.68305 kWh						263.82599	7.42168	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		123,199.93857 kWh						4,379.51142	7.42168	0.00000		Floor area updated for the 2015 reporting year after facility audit.
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		14,843.36609 kWh		3,696.89900 Cubic Meter				7,517.10904	27.06659	0.00000		
Uptown Parkade (Willis Way)	Parking garages	60 King Street	Waterloo	N2J 1N8	207,084.00	Square feet	168		438,600.00000 kWh		17,782.29800 Cubic Meter				49,211.04552	3.03059	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		1,138,008.00000 kWh		69,214.46800 Cubic Meter				171,312.65038	24.98139	0.00000		Portions of building are leased. Floor area updated for the 2015 reporting year after facility review.
Waterloo Library (Main Branch)	Public libraries	35 Albert Street	Waterloo	N2L 5E2	35,200.00	Square feet	62		406,560.00000 kWh		63,293.81500 Cubic Meter				134,117.39045	30.66002	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		23,122.38330 kWh		1,982.26738 Cubic Meter				4,569.68272	44.18948	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		23,122.38330 kWh		1,982.26738 Cubic Meter				4,569.68272	44.18948	0.00000		
Waterloo Memorial Recreation Complex	Indoor ice rinks	101 Father David Bauer Drive	Waterloo	N2L 6L1	181,628.00	Square feet	126		4,199,672.23341 kWh		360,035.26023 Cubic Meter				829,982.33250	44.18948	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		627.53414 kWh						22.30758	6.27534	0.00000		
Waterloo Park - Eby Schoolhouse	Cultural facilities	Waterloo Park	Waterloo	N2L	430.00	Square feet	5		2,698.39681 kWh		587.64056 Cubic Meter				1,206.93172	20.79932	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		6,978.17966 kWh						248.06033	6.27534	0.00000		
Waterloo Park - Grist Mill	Cultural facilities	Waterloo Park	Waterloo	N2L	2,080.00	Square feet	8		13,052.71015 kWh		2,842.54038 Cubic Meter				5,838.18133	20.79932	0.00000		
Waterloo Park - Hospitality Centre - Servery	Parking garages	Waterloo Park	Waterloo	N2L	2,800.00	Square feet	91		17,570.95598 kWh		3,826.49666 Cubic Meter				7,859.09025	20.79932	0.00000		
Waterloo Park - Potters Workshop-Erb Farmhouse	Cultural facilities	Waterloo Park	Waterloo	N2L	2,520.00	Square feet	56		15,813.86038 kWh		3,443.84700 Cubic Meter				7,073.18123	20.79932	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		37,539.09237 kWh						1,334.43966	6.27534	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		1,506.08194 kWh						53.53820	6.27534	0.00000		
Waterloo St. Jacob Railway Station	Cultural facilities	10 Father David Bauer Drive	Waterloo	N2L 6M3	2,400.00	Square feet	42		9,583.00000 kWh		2,080.92300 Cubic Meter				4,274.90569	13.20774	0.00000		