

Parameter	ODWS ¹ Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL)	Units	Measured Concentrations	MAC Exceedence in 2007 (Y/N)	Historical Measured Concentration Range ²
		2007		2007		

REGULATED INORGANICS

Antimony	6	0.310	µg/L	0.400 - 1.200	No	0.200 - 1.200
Arsenic	25	0.310	µg/L	0.400 - 0.700	No	0.001 - 2.000
Barium	1000	0.060	µg/L	13.900 - 22.000	No	0.015 - 25.000
Boron	5000	0.060	µg/L	14.000 - 22.000	No	0.020 - 40.000
Cadmium	5	0.060	µg/L	0.060 <MDL	No	0.002 - 0.100
Chromium	50	0.310	µg/L	0.900 - 0.900	No	0.004 - 3.000
Fluoride	1.5	0.060	mg/L	0.130 - 1.390	No	0.030 - 1.390
Lead	10	0.020	µg/L	0.020 - 86.500	Yes	0.020 - 86.500
Mercury	1	0.020	µg/L	0.020 <MDL	No	0.000 - 0.100
Selenium	10	0.091	µg/L	1.000 - 1.000	No	0.005 - 3.000
Sodium ³	200	0.700	mg/L	-	No	3.900 - 9.460
Uranium	20	0.020	µg/L	0.020 - 0.040	No	0.001 - 0.110

REGULATED ORGANICS

Alachlor	5	0.110	ug/L	0.110 <MDL	No	0.002 - 0.200
Aldicarb	9	0.300	ug/L	0.300 <MDL	No	0.005 - 5.000
Aldrin + Dieldrin	0.7	0.067	ug/L	0.067 <MDL	No	0.000 - 0.067
(Aldrin)		0.060	ug/L	0.060 <MDL	No	0.045 - 0.060
(Dieldrin)		0.067	ug/L	0.067 <MDL	No	0.001 - 0.067
Atrazine		0.110	ug/L	0.110 <MDL	No	0.110 - 0.110
Atrazine + N-dealkylated metabolites	5	0.120	ug/L	0.120 <MDL	No	0.003 - 0.500
Azinphos-methyl	20	0.210	ug/L	0.210 <MDL	No	0.010 - 1.000
Bendiocarb	40	0.130	ug/L	0.130 <MDL	No	0.020 - 1.000
Benzene	5	0.370	ug/L	0.370 <MDL	No	0.005 - 0.400
Benzo(a)pyrene	0.01	0.004	ug/L	0.004 <MDL	No	0.000 - 0.009
Bromoxynil	5	0.330	ug/L	0.330 <MDL	No	0.003 - 0.330
Carbaryl	90	0.160	ug/L	0.160 <MDL	No	0.020 - 1.000
Carbofuran	90	0.370	ug/L	0.370 <MDL	No	0.005 - 5.000
Carbon tetrachloride	5	0.410	ug/L	0.410 <MDL	No	0.005 - 0.410
Chlordane (Total)	7	0.110	ug/L	0.110 <MDL	No	0.000 - 0.200
(a-chlordane)			ug/L	0.069 - 0.069	No	0.007 - 0.200
(g-chlordane)			ug/L	0.063 - 0.063	No	0.007 - 0.200
(oxychlordane)			ug/L	0.110 - 0.110	No	0.110 - 0.360
Chlorpyrifos	90	0.180	ug/L	0.180 <MDL	No	0.008 - 5.000
Cyanazine	10	0.180	ug/L	0.180 <MDL	No	0.008 - 0.500
Diazinon	20	0.081	ug/L	0.081 <MDL	No	0.002 - 2.000
Dicamba	120	0.200	ug/L	0.200 <MDL	No	0.050 - 10.000
1,2-Dichlorobenzene	200	0.500	ug/L	0.500 <MDL	No	0.003 - 1.000
1,4-Dichlorobenzene	5	0.210	ug/L	0.210 <MDL	No	0.001 - 0.400
DDT + Metabolites	30	0.140	ug/L	0.140 <MDL	No	0.005 - 0.500
(op-DDT)			ug/L	0.095 - 0.095	No	0.030 - 0.500
(pp-DDD)			ug/L	0.098 - 0.098	No	0.030 - 0.500
(pp-DDE)			ug/L	0.075 - 0.075	No	0.030 - 0.500
(pp-DDT)			ug/L	0.140 - 0.140	No	0.030 - 0.500
1,2-Dichloroethane	5	0.430	ug/L	0.430 <MDL	No	0.005 - 0.430
1,1-Dichloroethylene	14	0.410	ug/L	0.410 <MDL	No	0.005 - 0.520
Dichloromethane	50	0.340	ug/L	0.340 <MDL	No	0.005 - 3.000
2,4-dichlorophenol	900	0.150	ug/L	0.150 <MDL	No	0.000 - 0.150
2,4-D	100	0.190	ug/L	0.190 <MDL	No	0.044 - 5.000
Diclofop-methyl	9	0.400	ug/L	0.400 <MDL	No	0.005 - 0.840
Dimethoate	20	0.120	ug/L	0.120 <MDL	No	0.005 - 1.000
Dinoseb	10	0.360	ug/L	0.360 <MDL	No	0.005 - 0.500

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Diquat	70	1.000	ug/L	1.000 <MDL	No	1.000 < 70.000
Diuron	150	0.087	ug/L	0.087 <MDL	No	0.050 - 0.660
Glyphosate	280	6.000	ug/L	6.000 <MDL	No	0.010 - 10.000
Heptachlor + Heptachlor Epoxide	3	0.110	ug/L	0.110 <MDL	No	0.001 - 0.300
(heptachlor)			ug/L	0.061 - 0.061	No	0.042 - 0.300
(heptachlor epoxide)			ug/L	0.110 - 0.110	No	0.036 - 0.300
Lindane (Total)	4	0.056	ug/L	0.056 <MDL	No	0.002 - 0.200
Malathion	190	0.091	ug/L	0.091 <MDL	No	0.020 - 5.000
Methoxychlor	900	0.140	ug/L	0.140 <MDL	No	0.047 - 5.000
Metolachlor	50	0.092	ug/L	0.092 <MDL	No	0.008 - 5.000
Metribuzin	80	0.120	ug/L	0.120 <MDL	No	0.020 - 5.000
Monochlorobenzene	80	0.580	ug/L	0.580 <MDL	No	0.005 - 5.000
Paraquat	10	1.000	ug/L	1.000 <MDL	No	0.010 - 9.000
Parathion	50	0.180	ug/L	0.180 <MDL	No	0.020 - 1.200
Pentachlorophenol	60	0.150	ug/L	0.150 <MDL	No	0.001 - 1.000
Phorate	2	0.110	ug/L	0.110 <MDL	No	0.001 - 0.730
Picloram	190	0.250	ug/L	0.250 <MDL	No	0.043 - 5.000
Polychlorinated Biphenyls (PCBs)	3	0.040	ug/L	0.040 <MDL	No	0.001 - 0.100
Prometryne	1	0.230	ug/L	0.230 <MDL	No	0.001 - 0.230
Simazine	10	0.150	ug/L	0.150 <MDL	No	0.005 - 0.500
Temephos	280	0.310	ug/L	0.310 <MDL	No	0.120 - 15.000
Terbufos	1	0.120	ug/L	0.120 <MDL	No	0.001 - 0.730
Tetrachloroethylene	30	0.450	ug/L	0.450 <MDL	No	0.005 - 1.000
2,3,4,6-tetrachlorophenol	100	0.140	ug/L	0.140 <MDL	No	0.001 - 0.500
Triallate	230	0.100	ug/L	0.100 <MDL	No	0.020 - 5.000
Trichloroethylene	50	0.380	ug/L	0.380 <MDL	No	0.005 - 1.000
2,4,6-trichlorophenol	5	0.250	ug/L	0.250 <MDL	No	0.001 - 0.890
2,4,5-T	280	0.220	ug/L	0.220 <MDL	No	0.005 - 5.000
Trifluralin	45	0.120	ug/L	0.120 <MDL	No	0.020 - 1.000
Vinyl Chloride	2	0.170	ug/L	0.170 <MDL	No	0.002 - 0.170

NITRATES

Nitrate (as nitrogen)	10	0.013	mg/L	0.163 - 0.420	No	0.089 - 1.700
Nitrate + Nitrite (as nitrogen)	10	0.013	mg/L	0.163 - 0.420	No	0.040 - 1.700
Nitrite (as nitrogen)	1	0.005	mg/L	0.005 <MDL	No	0.005 - 0.060

TRIHALOMETHANES

Trihalomethanes (total)	100	0.630	ug/L	8.400 - 43.000	No	0.010 - 43.000
Bromoform		0.310	ug/L	0.310 - 0.450	N/A	0.002 - 2.000
Chloroform		0.600	ug/L	3.800 - 20.000	N/A	0.002 - 23.000
Dibromochloromethane		0.370	ug/L	1.800 - 4.400	N/A	0.002 - 5.000
Bromodichloromethane		0.630	ug/L	3.200 - 9.800	N/A	0.002 - 9.900

MICROBIOLOGICAL

E. Coli	0	0	cfu/100mL	0 - NDOG	Yes	0 - 0
Total Coliform	0	0	cfu/100mL	0 - 40	Yes	0 - 40
Total Coliform Background	200	0	cfu/100mL	0 - 0	No	0 - 810
Heterotrophic Plate Count	500	10	cfu/1mL	10 - 1100	Yes	10 - 1100
Free Chlorine			mg/L	0.120 - 0.990	N/A	0.000 - 1.860

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NON-REGULATED INORGANICS/ORGANICS⁴						
Alkalinity		2.000	mg/L as CaCO ₃	61.000 - 70.000	N/A	61.000 - 89.000
Aluminum		2.000	ug/L	23.800 - 27.300	N/A	0.030 - 436.0
Ammonia+Ammonium (N)		0.040	mg/L	0.040 - 0.070	N/A	0.040 - 0.400
Calcium		0.010	mg/L	26.100 - 33.800	N/A	26.100 - 38.000
Chloride		0.030	mg/L	7.700 - 36.100	N/A	7.200 - 36.100
Cobalt		0.300	ug/L	0.051 - 0.069	N/A	0.004 - 0.300
Colour		3.000	TCU	3.000 <MDL	No	3.000 - 4.000
Conductivity		1.000	uS/cm	227.0 - 313.0	N/A	205.0 - 313.0
Copper		0.500	ug/L	1.300 - 2.600	N/A	1.300 - 64.000
Cyanide	0.2	0.002	mg/L	0.002 <MDL	No	0.002 - 0.010
De-ethylated atrazine		0.120	ug/L	0.120 <MDL	No	0.120 - 0.120
Dissolved Organic Carbon		0.200	mg/L	0.400 - 1.500	N/A	0.400 - 2.200
Ethylbenzene		0.360	ug/L	0.360 <MDL	No	0.002 - 1.000
Field pH			units	0.000 <MDL	No	6.660 - 7.700
Field Temp			celcius	0.000 <MDL	No	5.200 - 22.500
Gross Alpha		0.100	Bq/L	0.100 <MDL	No	0.100 - 0.100
Gross Beta		0.100	Bq/L	0.100 <MDL	No	0.100 - 0.100
Hardness		0.100	mg/L as CaCO ₃	95.0 - 123.0	N/A	95.000 - 133.0
Iron		10.000	ug/L	10.000 <MDL	No	3.000 - 90.000
Langolier's Index			no unit	-1.000 - -0.690	N/A	-1.070 - -0.690
m/p-xylene		0.530	ug/L	0.790 - 0.790	N/A	0.530 - 5.000
Magnesium		0.010	mg/L	7.150 - 9.200	N/A	7.150 - 9.400
Manganese		0.100	ug/L	0.230 - 0.270	N/A	0.001 - 168.0
Nickel		0.7	ug/L	0.7 - 0.800	N/A	0.7 - 1.4
Nitrogen-Kjeldahl (N)		0.050	mg/L	0.060 - 0.120	N/A	0.050 - 0.500
Organic Nitrogen		0.050	mg/L	0.050 - 0.120	N/A	0.040 - 0.340
o-xylene		0.320	ug/L	0.320 <MDL	No	0.320 - 5.000
pH		0.050	no unit	7.360 - 7.940	N/A	7.050 - 8.070
Potassium		0.010	mg/L	0.940 - 1.510	N/A	0.940 - 1.910
Silica			mg/L	0.690 - 1.740	N/A	0.590 - 2100.0
Silver		0.030	ug/L	0.030 <MDL	No	0.003 - 0.100
Solids (Total Dissolved)		30.000	mg/L	109.0 - 164.0	N/A	1.460 - 208.0
Sulphate		0.060	mg/L	30.000 - 55.000	N/A	27.000 - 55.000
Sulphide		0.004	ug/L	0.004 - 0.005	N/A	0.004 - 4.000
Toluene		0.390	ug/L	0.390 <MDL	No	0.005 - 1.000
Total Chlorine				0.000 <MDL	No	0.690 - 1.800
Total Phosphorus		0.020	mg/L	0.020 - 0.040	N/A	0.020 - 0.070
Toxaphene		5.000	ug/L	5.000 <MDL	No	0.010 - 5.000
2,4,5-TP (Silvex)		0.010	ug/L	0.010 <MDL	No	0.010 - 5.000
Tritium		1000.000	Bq/L	1000 <MDL	No	1000 - 1000
Turbidity	1	0.100	NTU	0.130 - 0.220	No	0.030 - 0.500
Xylene; total		0.580	ug/L	0.790 - 0.790	N/A	0.005 - 5.000
Zinc		1.000	ug/L	1.200 - 2.100	N/A	0.300 - 100.0

¹ODWS - Ontario Drinking Water Standards

²Historical range goes back to 2000

³Sodium is regulated to be tested every 60 months

⁴The City of London consistently goes beyond the minimum testing requirements of the ODWS and samples these parameters as well