

CDWG=Canadian Drinking Water Guidelines
OG= Operational Guidance Value

MAC=Maximum Acceptable Concentration
AO= Asthetic Objective.



Red font indicates non-compliance with Canadian Drinking Water Guidelines

	Units	CDWG		May 13 2014	May 19 2015	May 10 2016	May 10 2017	May 2 2018	
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	<0.05	0.022	0.021	0.027	0.023	
Alkalinity (total as CaCO ₃)	mg/L			24	25.1	25.7	25.3	24.7	
Anions									
Dissolved Sulphate	mg/L	500	AO	1.7	1.91	1.95	1.88	2.2	
Dissolved Chloride	mg/L	250	AO	4.7	9	6	4.1	5	
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	
Miscellaneous									
Apparent Colour	Colour Unit			<5	<5	5	10	5	
Nutrients									
Total Ammonia	mg/L			<0.02	0.0071	0.014	0.2	<0.020	
Physical Properties									
Conductivity	µS/cm			69	82.9	72.3	66.9	64	
pH	pH	7.0:10.5	AO	6.7	7.41	7.26	7.43	7.25	
TDS	mg/L	500	AO	54	50	58	26	52	
Turbidity	NTU			<0.5	<0.10	<0.10	0.14	<0.10	
Microbiological Parameters									
E.coli	MPN/100mL	<1	MAC	<1.0	<1.0	<1.0	<1.0	<1.0	
Total Coliforms	MPN/100mL	<1	MAC	<1.0	<1.0	<1.0	<1.0	<1.0	
Calculated Parameters									
Total Hardness (CaCO ₃)	mg/L			22	29.7	23.6	22.6	20.6	
Nitrate	mg/L	10	MAC	0.08	0.05	0.05	0.06	0.042	
Elements									
Total Mercury	mg/L	0.001	MAC	<0.00001	<0.00001	<0.00001	<0.00001	0.0000021	
Total Metals									
Total Aluminum	mg/L	0.1	OG	<0.025	0.008	0.0104	0.0138	0.0152	
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
Total Arsenic	mg/L	0.01	MAC	<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	
Total Barium	mg/L	1	MAC	0.00293	0.0035	0.0031	0.0034	0.0027	
Total Beryllium	mg/L			<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	
Total Bismuth	mg/L			<0.0005	<0.001	<0.001	<0.001	<0.001	
Total Boron	mg/L	5	MAC	0.011	<0.05	<0.05	<0.050	<0.050	
Total Cadmium	mg/L	0.005	MAC	<0.00005	<0.00001	<0.00001	<0.00001	<0.00001	
Total Chromium	mg/L	0.05	MAC	<0.0025	<0.001	<0.001	<0.001	<0.001	
Total Cobalt	mg/L			<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
Total Copper	mg/L	1	AO	0.0073	0.0026	0.00332	0.00428	0.00516	
Total Iron	mg/L	0.3	AO	0.021	0.016	0.0147	0.0185	0.0147	
Total Lead	mg/L	0.01	MAC	0.0007	0.00183	0.00053	0.0006	0.00089	
Total Manganese	mg/L	0.05	AO	<0.0050	0.0052	0.0034	0.0016	<0.001	
Total Molybdenum	mg/L			<0.00025	<0.001	<0.001	<0.001	<0.001	
Total Nickel	mg/L			<0.0010	<0.001	<0.001	<0.001	<0.001	
Total Selenium	mg/L	0.05	MAC	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	
Total Silicon	mg/L			3.21	3.7	3.46	3.56	3.07	
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	
Total Strontium	mg/L			0.0292	0.0372	0.032	0.0304	0.0273	
Total Thallium	mg/L			<0.00005	<0.00005	<0.00005	<0.00001	<0.00001	
Total Tin	mg/L			<0.0005	<0.005	<0.005	<0.005	<0.005	
Total Titanium	mg/L			<0.0025	<0.005	<0.005	<0.005	<0.005	
Total Uranium	mg/L	0.02	MAC	<0.00005	<0.0001	<0.0001	<0.0001	<0.0001	
Total Vanadium	mg/L			<0.0005	<0.005	<0.005	<0.005	<0.005	
Total Zinc	mg/L	5	AO	0.0161	<0.005	<0.005	<0.005	<0.005	
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	
Total Calcium	mg/L			7.19	9.87	7.6	7.38	6.55	
Total Magnesium	mg/L			0.93	1.23	1.13	1.03	1.04	
Total Potassium	mg/L			<0.5	0.212	0.197	0.194	0.189	
Total Sodium	mg/L	200	AO	4.3	4.52	4.4	4.15	4.34	
Total Sulphur	mg/L				<3.0	<3.0	<3.0	<3.0	