

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		October 14 2014	October 26 2015	October 11 2016	September 19 2017	October 23 2018	
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.24	0.18	0.2	0.17	0.15	
Alkalinity (total as CaCO ₃)	mg/L			210	212	214	207	202	
Anions									
Dissolved Sulphate	mg/L	500	AO	24.5	23.5	22	21.9	25.6	
Dissolved Chloride	mg/L	250	AO	74	75	55	70	99	
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	
Miscellaneous									
Apparent Colour	Colour Unit			7	10	5	10	5	
Nutrients									
Total Ammonia	mg/L			<0.02	0.024	0.094	<0.020	0.094	
Physical Properties									
Conductivity	µS/cm			697	709	637	649	746	
pH	pH	7.0:10.5	AO	7.5	8.32	7.99	8.41	8.27	
TDS	mg/L	500	AO	414	406	356	350	406	
Turbidity	NTU			0.5	1.48	0.22	0.25	0.32	
Microbiological Parameters									
E.coli	MPN/100mL	<1	MAC	<1.0	<1.0	<1	<1.0	<1.0	
Total Coliforms	MPN/100mL	<1	MAC	<1.0	<1.0	3.1	<1.0	<1.0	
Calculated Parameters									
Total Hardness (CaCO ₃)	mg/L			43	43.1	34.4	35.8	46.3	
Nitrate	mg/L	10	MAC	<0.05	<0.020	0.126	<0.020	<0.020	
Elements									
Total Mercury	mg/L	0.001	MAC	<0.00001	<0.00001	<0.00001	<0.00001	0.0000048	
Total Metals									
Total Aluminum	mg/L	0.1	OG	0.009	0.0097	0.0067	0.0128	0.0054	
Total Antimony	mg/L	0.006	MAC	<0.0001	<0.0005	<0.0005	<0.0005	<0.00050	
Total Arsenic	mg/L	0.01	MAC	0.00026	0.00021	0.00031	0.00025	0.00023	
Total Barium	mg/L	1	MAC	0.00954	0.017	0.0064	0.0068	0.0093	
Total Beryllium	mg/L			<0.00005	<0.0001	<0.0001	<0.0001	<0.00010	
Total Bismuth	mg/L			<0.0001	<0.001	<0.001	<0.001	<0.0010	
Total Boron	mg/L	5	MAC	0.138	0.159	0.148	0.152	0.133	
Total Cadmium	mg/L	0.005	MAC	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
Total Chromium	mg/L	0.05	MAC	<0.0005	<0.001	<0.001	<0.001	<0.0010	
Total Cobalt	mg/L			<0.0001	<0.0005	<0.0005	<0.0002	<0.0002	
Total Copper	mg/L	1	AO	0.002	0.00362	0.00422	0.00206	0.00156	
Total Iron	mg/L	0.3	AO	0.04	0.026	0.0133	0.0186	0.013	
Total Lead	mg/L	0.01	MAC	<0.0001	0.00024	0.00026	0.0002	0.00023	
Total Manganese	mg/L	0.05	AO	0.0567	0.225	0.0145	0.0094	0.0304	
Total Molybdenum	mg/L			0.00016	<0.001	<0.001	<0.001	<0.0010	
Total Nickel	mg/L			0.0002	<0.001	<0.001	<0.001	<0.0010	
Total Selenium	mg/L	0.05	MAC	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Total Silicon	mg/L			7.48	8.51	6.43	7.18	7.75	
Total Silver	mg/L			<0.00005	<0.00002	<0.00002	<0.00002	<0.00002	
Total Strontium	mg/L			0.175	0.176	0.147	0.142	0.203	
Total Thallium	mg/L			<0.00001	<0.00005	<0.00005	<0.00001	<0.00001	
Total Tin	mg/L			<0.0001	<0.005	<0.005	<0.005	<0.005	
Total Titanium	mg/L			0.0008	<0.005	<0.005	<0.005	<0.005	
Total Uranium	mg/L	0.02	MAC	0.00008	<0.0001	0.00015	0.00014	<0.0001	
Total Vanadium	mg/L			0.0006	<0.005	<0.005	<0.005	<0.005	
Total Zinc	mg/L	5	AO	0.0058	<0.005	<0.005	0.0067	0.007	
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	
Total Calcium	mg/L			13.4	13.3	10.5	11.1	14.2	
Total Magnesium	mg/L			2.33	2.4	1.98	1.99	2.63	
Total Potassium	mg/L			0.8	0.812	0.651	0.663	0.857	
Total Sodium	mg/L	200	AO	140	146	126	130	142	
Total Sulphur	mg/L				7.7	7	7.4	8.2	