

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		April 8 2014	Nov 12 2014	May 16 2016	October 4 2016	June 20 2017	Nov. 29 2018
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.21	0.39	0.29	0.29	0.64	0.26
Alkalinity (total as CaCO ₃)	mg/L			140	150	147	141	145	136
Anions									
Dissolved Sulphate	mg/L	500	AO	5.6	6.4	5.79	6.1	6.44	6.2
Dissolved Chloride	mg/L	250	AO	14.5	14.2	14	14	15	15
Nitrite	mg/L	1	MAC	<0.05	<0.05	<0.0050	<0.0050	<0.0050	<0.0050
Miscellaneous									
Apparent Colour	Colour Unit			5	5	10	5	5	<5.0
Nutrients									
Total Ammonia	mg/L			<0.02	<0.02	0.0055	0.01	0.018	<0.020
Physical Properties									
Conductivity	µS/cm			312	335	322	323	333	309
pH	pH	6.5:8.5	AO	8	8.1	8.34	8.24	8.37	8.15
TDS	mg/L	500	AO	186	196	170	200	198	156
Turbidity	NTU			<0.5	<0.5	<0.10	0.16	0.28	0.22
Microbiological Parameters									
E.coli	MPN/100mL	1	MAC	<1.0	<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	<1.0
Calculated Parameters									
Total Hardness (CaCO ₃)	mg/L			57	51	56	52.2	47.4	54.2
Nitrate	mg/L	10	MAC	<0.05	<0.05	<0.020	<0.020	<0.020	<0.020
Elements									
Total Mercury	mg/L	0.001	MAC	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.000002
Total Metals									
Total Aluminum	mg/L	0.1	OG	<0.025	0.009	0.0037	0.0048	0.0133	<0.003
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005
Total Arsenic	mg/L	0.01	MAC	0.00125	0.00116	0.00144	0.00119	0.001	0.00124
Total Barium	mg/L	1	MAC	<0.00025	0.00065	<0.001	<0.001	<0.001	<0.001
Total Beryllium	mg/L			<0.00025	<0.00005	<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.0005	<0.0001	<0.001	<0.001	<0.001	<0.001
Total Boron	mg/L	5	MAC	0.142	0.226	0.208	0.151	0.417	0.131
Total Cadmium	mg/L	0.005	MAC	<0.00005	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Chromium	mg/L	0.05	MAC	<0.0025	<0.0005	<0.001	<0.001	<0.001	<0.001
Total Cobalt	mg/L			<0.0005	<0.0001	<0.0005	<0.0005	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.0023	0.003	0.0105	0.00445	0.00442	0.00788
Total Iron	mg/L	0.3	AO	<0.010	0.019	0.0121	0.0071	0.0119	<0.005
Total Lead	mg/L	0.01	MAC	<0.0005	<0.0001	0.00025	<0.0002	0.00023	0.00053
Total Manganese	mg/L	0.05	AO	0.025	<0.0010	<0.001	0.0045	0.0015	0.013
Total Molybdenum	mg/L			0.00135	0.00363	<0.002	0.0018	0.005	0.0015
Total Nickel	mg/L			<0.0010	<0.0002	<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	<0.0001
Total Silicon	mg/L			9.52	8.97	11.1	9.82	9.74	9.55
Total Silver	mg/L			<0.00025	<0.00005	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			0.0589	0.0555	0.0588	0.0576	0.0473	0.0588
Total Thallium	mg/L			<0.00005	<0.00001	<0.00005	<0.00005	<0.00001	<0.00001
Total Tin	mg/L			<0.0005	0.0005	<0.005	<0.005	<0.005	<0.005
Total Titanium	mg/L			<0.0025	<0.0005	<0.0005	<0.005	<0.005	<0.005
Total Uranium	mg/L	0.02	MAC	<0.00005	0.00001	<0.0001	<0.0001	<0.0001	<0.0001
Total Vanadium	mg/L			<0.0005	0.0005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	0.0137	0.0071	0.0114	0.0072	0.0067	0.0136
Total Zirconium	mg/L					<0.0005	<0.0005	<0.0001	<0.0001
Total Calcium	mg/L			17.9	16.4	17.7	16.4	15.5	17
Total Magnesium	mg/L			2.87	2.4	2.86	2.71	2.1	2.87
Total Potassium	mg/L			<0.5	<0.1	0.146	0.13	0.17	0.129
Total Sodium	mg/L	200	AO	54.5	62.1	58.2	52.2	65.8	50.9
Total Sulphur	mg/L					<3.0	<3.0	<3.0	<3.0