

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		Feb. 25 2015	October 21 2015	May 11 2016	October 12 2016	April 12 2017	Nov 22 2018
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.026	0.03	0.036	0.027	0.039	0.037
Alkalinity (total as CaCO ₃)	mg/L			76.5	81	83.2	77.1	<0.50	57.8
Anions									
Dissolved Sulphate	mg/L	500	AO	6.73	6.41	5.74	5.8	8.71	4.1
Dissolved Chloride	mg/L	250	AO	2.2	3.1	3.3	4	1.6	3.6
Nitrite	mg/L	1	MAC	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Miscellaneous									
Apparent Colour	Colour Unit			5	5	10	5		15
Nutrients									
Total Ammonia	mg/L			0.0061	0.03	0.012	0.067	0.021	<0.020
Physical Properties									
Conductivity	µS/cm			166	179	181	176	520	132
pH	pH	7.0:10.5	AO	7.57	7.77	7.58	7.8	3.27	7.6
TDS	mg/L	500	AO	92	112	100	104	90	66
Turbidity	NTU			2.82	0.89	1.84	2.58	0.68	1.23
Microbiological Parameters									
E.coli	MPN/100mL	<1	MAC	<1.0	<1.0	<1.0	118.4	<1	<1.0
Total Coliforms	MPN/100mL	<1	MAC	<1.0	1	40.6	>200.5	7.5	<1.0
Calculated Parameters									
Total Hardness (CaCO ₃)	mg/L			79.5	88.4	87.9	80	79.4	59.5
Nitrate	mg/L	10	MAC	0.146	0.089	0.106	0.099	0.263	0.054
Elements									
Total Mercury	mg/L	0.001	MAC	<0.000010	<0.00001	<0.00001	<0.00001	<0.00001	<0.000002
Total Metals									
Total Aluminum	mg/L	0.1	OG	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Arsenic	mg/L	0.01	MAC	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Barium	mg/L	1	MAC	0.019	0.0213	0.0212	0.0195	0.0198	0.015
Total Beryllium	mg/L			<0.0001	<0.0001	<0.0001	<0.0001		<0.0001
Total Bismuth	mg/L			<0.001	<0.001	<0.001	<0.001		<0.001
Total Boron	mg/L	5	MAC	<0.050	<0.05	<0.050	<0.050	<0.050	<0.050
Total Cadmium	mg/L	0.005	MAC	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Chromium	mg/L	0.05	MAC	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Cobalt	mg/L			<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.00489	0.00752	0.00411	0.00222	0.00271	0.00764
Total Iron	mg/L	0.3	AO	0.0911	0.108	0.193	0.203	0.0929	1.33
Total Lead	mg/L	0.01	MAC	<0.0002	<0.0002	0.00125	<0.0002	<0.0002	0.00044
Total Manganese	mg/L	0.05	AO	0.0014	<0.001	0.0019	<0.001	0.0015	0.0053
Total Molybdenum	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Nickel	mg/L			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Selenium	mg/L	0.05	MAC	0.00017	0.00014	0.00019	0.00018	0.0002	0.00013
Total Silicon	mg/L			5.5	5.45	5.61	4.53		4.39
Total Silver	mg/L			<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			<0.0722	0.0876	0.0862	0.0801		0.0554
Total Thallium	mg/L			<0.00005	<0.00005	<0.00005	<0.00005		<0.00001
Total Tin	mg/L			<0.005	<0.005	<0.005	<0.005		<0.005
Total Titanium	mg/L			<0.005	<0.005	<0.005	<0.005		<0.005
Total Uranium	mg/L	0.02	MAC	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Vanadium	mg/L			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	<0.005	0.0067	<0.005	<0.005	<0.005	<0.005
Total Zirconium	mg/L			<0.0005	<0.0005	<0.0005	<0.0005		<0.0001
Total Calcium	mg/L			25.1	28.3	28	24.8	25.2	18.8
Total Magnesium	mg/L			4.09	4.31	4.37	4.38	4	3.05
Total Potassium	mg/L			0.173	0.203	0.211	0.188	0.192	0.158
Total Sodium	mg/L	200	AO	2.72	3.8	3.14	3.47	2.6	2.33
Total Sulphur	mg/L					<3.0	<3.0	<3.0	<3.0