

CDWG=Canadian Drinking Water Guidelines
 OG= Operational Guidance Value

 MAC=Maximum Acceptable Concentration
 AO=Aesthetic Objective

Orange font indicates non-compliance with the Aesthetic Objective in the Canadian Drinking Water Guidelines (CDWG)
Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

	Units	CDWG		October 25 2018	October 3 2019	October 21 2020	October 14 2021
Miscellaneous Inorganics							
Fluoride	mg/L	1.5	MAC	0.033	<0.05	<0.05	<0.005
Alkalinity (total as CaCO)	mg/L			42.8	41	36	47
Anions							
Dissolved Sulphate	mg/L	500	AO	<1.0	<1.0	<1	<1
Dissolved Chloride	mg/L	250	AO	3	8.8	5.5	3.8
Nitrite	mg/L	1	MAC	<0.0050	<0.005	<0.005	<0.005
Miscellaneous							
Apparent Colour	Colour Unit			15	15	80	40
Tannins & Lignins	mg/L			0.43	0.35	1.25	
Nutrients							
Total Ammonia	mg/L			<0.020	0.06	<0.015	<0.015
Physical Properties							
Conductivity	µS/cm			93	110	96	98
pH	pH	7.0:10.5	OG	7.74	7.55	7.02	7.73
TDS	mg/L	500	AO	72	78	94	90
Turbidity	NTU			0.17	0.15	0.28	0.24
Microbiological Parameters							
E.coli	MPN/100mL	<1	MAC	1	0	0	0
Total Coliforms	MPN/100mL	<1	MAC	34	170	24	3
Calculated Parameters							
Total Hardness (CaCO)	mg/L			41	44.6	41.5	41.6
Nitrate	mg/L	10	MAC	<0.020	0.06	0.123	0.107
Elements							
Total Mercury	mg/L	0.001	MAC	0.000077	<0.000002	0.0000028	<0.000019
Total Metals							
Total Aluminum	mg/L	0.1	OG	0.0162	0.0143	0.0464	0.0342
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0005	<0.0006	<0.0005
Total Arsenic	mg/L	0.01	MAC	<0.0001	<0.0001	0.000169	<0.0001
Total Barium	mg/L	1	MAC	<0.001	<0.001	0.000794	<0.0001
Total Beryllium	mg/L			<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.001	<0.001	<0.001	<0.001
Total Boron	mg/L	5	MAC	<0.050	<0.05	<0.05	<0.05
Total Cadmium	mg/L	0.005	MAC	<0.00001	<0.00001	0.0000066	<0.00001
Total Chromium	mg/L	0.05	MAC	<0.001	0.0011	0.00071	<0.001
Total Cobalt	mg/L			<0.0002	<0.0002	0.00004	<0.0002
Total Copper	mg/L	1	AO	0.00206	0.0017	0.0036	0.00203
Total Iron	mg/L	0.3	AO	0.0395	0.0494	0.128	0.0106
Total Lead	mg/L	0.01	MAC	<0.0002	<0.0002	0.000222	<0.0002
Total Manganese	mg/L	0.02 0.12	AO MAC	0.0019	0.0021	0.00848	0.0094
Total Molybdenum	mg/L			<0.001	<0.001	0.000173	<0.001
Total Nickel	mg/L			<0.001	<0.001	0.00029	<0.001
Total Selenium	mg/L	0.05	MAC	<0.0001	<0.0001	0.000045	<0.0001
Total Silicon	mg/L			8.9	8.8	8.9	9.15
Total Silver	mg/L			<0.00002	<0.00002	<0.000010	<0.00002
Total Strontium	mg/L			0.024	0.027	0.0271	0.0269
Total Thallium	mg/L			<0.00001	<0.00001	<0.000002	<0.00001
Total Tin	mg/L			<0.005	<0.005	<0.0002	<0.005
Total Titanium	mg/L			<0.005	<0.005	<0.002	<0.005
Total Uranium	mg/L	0.02	MAC	<0.0001	<0.0001	<0.000005	<0.0001
Total Vanadium	mg/L			<0.005	<0.005	0.00164	<0.005
Total Zinc	mg/L	5	AO	<0.005	<0.005	0.006	<0.005
Total Zirconium	mg/L			<0.0001	<0.0001	<0.0001	<0.0001
Total Calcium	mg/L			10.9	11.7	10.9	10.9
Total Magnesium	mg/L			3.35	3.71	3.46	3.48
Total Potassium	mg/L			0.139	0.173	0.601	0.216
Total Sodium	mg/L	200	AO	3.22	3.59	3.65	3.68
Total Sulphur	mg/L			<3.0	<3.0	<0.6	<3