

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 8 2017	May 7 2018	May 13 2019			
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.03	0.031	0.026			
Alkalinity (total as CaCO ₃)	mg/L			42.7	39.9	45.1			
Anions									
Dissolved Sulphate	mg/L	500	AO	1.91	2.7	3.2			
Dissolved Chloride	mg/L	250	AO	2.6	2.8	3.3			
Nitrite	mg/L	1	MAC	<0.0050	<0.0050	<0.005			
Miscellaneous									
Apparent Colour	Colour Unit			10	5	<2			
Nutrients									
Total Ammonia	mg/L			0.095	0.35	<0.015			
Physical Properties									
Conductivity	µS/cm			93.3	93	95.2			
pH	pH	7.0:10.5	AO	7.8	7.74	7.41			
TDS	mg/L	500	AO	62	56	68			
Turbidity	NTU			0.13	0.18	0.2			
Microbiological Parameters									
E.coli	MPN/100mL	<1	MAC	<1.0	<1.0	0			
Total Coliforms	MPN/100mL	<1	MAC	<1.0	<1.0	0			
Calculated Parameters									
Total Hardness (CaCO ₃)	mg/L			45.1	38.9	40.5			
Nitrate	mg/L	10	MAC	0.113	0.116	0.105			
Elements									
Total Mercury	mg/L	0.001	MAC	<0.00001	<0.000002	0.0000029			
Total Metals									
Total Aluminum	mg/L	0.1	OG	<0.003	<0.003	<0.003			
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0005	<0.0005			
Total Arsenic	mg/L	0.01	MAC	<0.0001	<0.0001	<0.0001			
Total Barium	mg/L	1	MAC	0.0015	0.0012	0.0013			
Total Beryllium	mg/L			<0.0001	<0.0001	<0.0001			
Total Bismuth	mg/L			<0.001	<0.001	<0.001			
Total Boron	mg/L	5	MAC	<0.050	<0.050	<0.05			
Total Cadmium	mg/L	0.005	MAC	<0.00001	<0.00001	<0.00001			
Total Chromium	mg/L	0.05	MAC	<0.001	<0.001	<0.001			
Total Cobalt	mg/L			<0.0002	<0.0002	<0.0002			
Total Copper	mg/L	1	AO	0.00863	0.00424	0.00348			
Total Iron	mg/L	0.3	AO	0.0867	0.0879	0.0993			
Total Lead	mg/L	0.01	MAC	0.00134	<0.0002	<0.0002			
Total Manganese	mg/L	0.05	AO	0.0035	0.0028	0.0031			
Total Molybdenum	mg/L			<0.001	<0.001	<0.001			
Total Nickel	mg/L			<0.001	<0.001	<0.001			
Total Selenium	mg/L	0.05	MAC	<0.0001	<0.0001	<0.0001			
Total Silicon	mg/L			9.03	7.62	7.19			
Total Silver	mg/L			<0.00002	<0.00002	<0.00002			
Total Strontium	mg/L			0.0267	0.0262	0.0246			
Total Thallium	mg/L			<0.00001	<0.00001	<0.00001			
Total Tin	mg/L			<0.005	<0.005	<0.005			
Total Titanium	mg/L			<0.005	<0.005	<0.005			
Total Uranium	mg/L	0.02	MAC	<0.0001	<0.0001	<0.0001			
Total Vanadium	mg/L			<0.005	<0.005	<0.005			
Total Zinc	mg/L	5	AO	0.0185	0.0152	0.011			
Total Zirconium	mg/L			<0.0001	<0.0001	<0.0001			
Total Calcium	mg/L			12.4	10.9	11.3			
Total Magnesium	mg/L			3.42	2.87	2.99			
Total Potassium	mg/L			0.22	0.171	0.181			
Total Sodium	mg/L	200	AO	3.91	3.49	3.99			
Total Sulphur	mg/L			<3.0	<3.0	<3			