

CDWG=Canadian Drinking Water Guidelines

MAC=Maximum Acceptable Concentration

OG= Operational Guidance Value

AO= Asthetic Objective.



Red font indicates non-compliance with Canadian Drinking Water Guidelines

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