

CDWG=Canadian Drinking Water Guidelines  
OG= Operational Guidance Value

MAC=Maximum Acceptable Concentration  
AO=Aesthetic Objective

Green font indicates a value flagged for operational consideration

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		November 24 2022		
<b>Miscellaneous Inorganics</b>						
Fluoride	mg/L	1.5	MAC	<0.05		
Alkalinity (total as CaCO <sub>3</sub> )	mg/L			32		
<b>Anions</b>						
Dissolved Sulphate	mg/L	500	AO	<1.0		
Dissolved Chloride	mg/L	250	AO	1.3		
Nitrite	mg/L	1	MAC	<0.005		
<b>Miscellaneous</b>						
Apparent Colour	Colour Unit			<5		
<b>Nutrients</b>						
Total Ammonia	mg/L			<0.015		
<b>Physical Properties</b>						
Conductivity	µS/cm			63		
pH	pH	7.0:10.5	OG	6.84		
TDS	mg/L	500	AO	52		
Turbidity	NTU			0.11		
<b>Microbiological Parameters</b>						
E.coli	MPN/100mL	<1	MAC	0		
Total Coliforms	MPN/100mL	<1	MAC	0		
<b>Calculated Parameters</b>						
Total Hardness (CaCO <sub>3</sub> )	mg/L			25.8		
Nitrate	mg/L	10	MAC	0.04		
<b>Elements</b>						
Total Mercury	mg/L	0.001	MAC	<0.000019		
<b>Total Metals</b>						
Total Aluminum	mg/L	0.1	OG	<0.003		
Total Antimony	mg/L	0.006	MAC	<0.0005		
Total Arsenic	mg/L	0.01	MAC	<0.0001		
Total Barium	mg/L	1	MAC	<0.001		
Total Beryllium	mg/L			<0.0001		
Total Bismuth	mg/L			<0.001		
Total Boron	mg/L	5	MAC	<0.05		
Total Cadmium	mg/L	0.005	MAC	<0.00001		
Total Chromium	mg/L	0.05	MAC	<0.001		
Total Cobalt	mg/L			<0.0002		
Total Copper	mg/L	1	AO	0.00186		
Total Iron	mg/L	0.3	AO	<0.005		
Total Lead	mg/L	0.01	MAC	<0.0002		
Total Manganese	mg/L	0.02 0.12	AO MAC	<0.001		
Total Molybdenum	mg/L			<0.001		
Total Nickel	mg/L			<0.001		
Total Selenium	mg/L	0.05	MAC	<0.0001		
Total Silicon	mg/L			8.97		
Total Silver	mg/L			<0.00002		
Total Strontium	mg/L			0.0156		
Total Thallium	mg/L			<0.00001		
Total Tin	mg/L			<0.005		
Total Titanium	mg/L			<0.005		
Total Uranium	mg/L	0.02	MAC	<0.0001		
Total Vanadium	mg/L			<0.005		
Total Zinc	mg/L	5	AO	<0.005		
Total Zirconium	mg/L			<0.0001		
Total Calcium	mg/L			7.1		
Total Magnesium	mg/L			1.97		
Total Potassium	mg/L			0.142		
Total Sodium	mg/L	200	AO	2		
Total Sulphur	mg/L			<3		

Notes below about pH (2015) from [https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/water-quality/guidelines-canadian-drinking-water-quality-summary-table.html#\\_ftn1](https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/water-quality/guidelines-canadian-drinking-water-quality-summary-table.html#_ftn1)

Type	Parameter (published, reaffirmed)	MAC (mg/L)	Other value (mg/L)	Common sources of parameter in water	Health considerations	Comments
Treatment-related	pH (2015)	None	7.0-10.5	Not applicable	Not applicable	The control of pH is important to maximize treatment effectiveness, control corrosion and reduce leaching from distribution system and plumbing components.