

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 13 2014	May 19 2015	May 10 2016	May 8 2017	May 7 2018	
<b>Miscellaneous Inorganics</b>									
Fluoride	mg/L	1.5	MAC	0.1	0.11	0.11	0.12	0.11	
Alkalinity (total as CaCO <sub>3</sub> )	mg/L			140	128	141	144	127	
<b>Anions</b>									
Dissolved Sulphate	mg/L	500	AO	25.8	22	29.5	26.4	27.6	
Dissolved Chloride	mg/L	250	AO	9.4	11	12	12	11	
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	
<b>Miscellaneous</b>									
Apparent Colour	Colour Unit			36	10	30	10	20	
<b>Nutrients</b>									
Total Ammonia	mg/L			<0.02	0.0099	0.016	0.11	0.028	
<b>Physical Properties</b>									
Conductivity	µS/cm			337	331	350	344	336	
pH	pH	7.0:10.5	AO	8.2	8.17	8.29	8.27	8.12	
TDS	mg/L	500	AO	222	194	188	204	198	
Turbidity	NTU			1.1	1.3	1.29	1.85	1.37	
<b>Microbiological Parameters</b>									
E.coli	MPN/100mL	<1	MAC	<1.0	<1.0	<1.0	<1.0	<1.0	
Total Coliforms	MPN/100mL	<1	MAC	<1.0	<1.0	<1.0	<1.0	<1.0	
<b>Calculated Parameters</b>									
Total Hardness (CaCO <sub>3</sub> )	mg/L			160	135	145	181	144	
Nitrate	mg/L	10	MAC	<0.05	<0.020	<0.020	<0.020	<0.020	
<b>Elements</b>									
Total Mercury	mg/L	0.001	MAC	<0.00001	<0.00001	<0.00001	<0.00001	<0.000002	
<b>Total Metals</b>									
Total Aluminum	mg/L	0.1	OG	<0.025	<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	
Total Arsenic	mg/L	0.01	MAC	<0.00025	<0.00012	<0.0001	0.00012	<0.0001	
Total Barium	mg/L	1	MAC	0.0169	0.0151	0.016	0.0191	0.015	
Total Beryllium	mg/L			<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	
Total Bismuth	mg/L			<0.0005	<0.001	<0.001	<0.001	<0.001	
Total Boron	mg/L	5	MAC	0.027	<0.050	<0.050	<0.050	<0.050	
Total Cadmium	mg/L	0.005	MAC	<0.00005	<0.00001	<0.00001	<0.00001	<0.00001	
Total Chromium	mg/L	0.05	MAC	<0.0025	<0.001	<0.001	<0.001	<0.001	
Total Cobalt	mg/L			<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	
Total Copper	mg/L	1	AO	0.0025	0.00148	0.00069	0.0009	0.00102	
Total Iron	mg/L	0.3	AO	0.143	0.113	0.117	0.125	0.123	
Total Lead	mg/L	0.01	MAC	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	
Total Manganese	mg/L	0.05	AO	0.139	0.125	0.123	0.142	0.127	
Total Molybdenum	mg/L			0.00056	<0.001	<0.001	<0.001	<0.001	
Total Nickel	mg/L			<0.0010	<0.001	<0.001	<0.001	<0.001	
Total Selenium	mg/L	0.05	MAC	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	
Total Silicon	mg/L			12.5	11.5	12.4	15.6	12.5	
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	
Total Strontium	mg/L			0.146	0.136	0.146	0.163	0.146	
Total Thallium	mg/L			<0.00005	<0.00005	<0.00005	<0.00001	<0.00001	
Total Tin	mg/L			<0.0005	<0.005	<0.005	<0.005	<0.005	
Total Titanium	mg/L			<0.0025	<0.005	<0.005	<0.005	<0.005	
Total Uranium	mg/L	0.02	MAC	<0.00005	<0.0001	<0.0001	<0.0001	<0.0001	
Total Vanadium	mg/L			<0.0005	<0.005	<0.005	<0.005	<0.005	
Total Zinc	mg/L	5	AO	0.0188	<0.005	<0.005	<0.005	<0.005	
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	
Total Calcium	mg/L			39	34	34.6	44.7	34.9	
Total Magnesium	mg/L			15.1	12.2	14.2	16.9	13.7	
Total Potassium	mg/L			2.6	2.29	2.48	3.05	2.32	
Total Sodium	mg/L	200	AO	15.4	11.3	12.5	14.1	11.7	
Total Sulphur	mg/L				8.8	8.8	10.9	8.8	