

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		November 4 2014	October 26 2015	October 12 2016	September 18 2017	October 25 2018	
<b>Miscellaneous Inorganics</b>									
Fluoride	mg/L	1.5	MAC	0.06	0.042	0.03	0.04	0.036	
Alkalinity (total as CaCO <sub>3</sub> )	mg/L			72	71.6	79.2	89.8	92.5	
<b>Anions</b>									
Dissolved Sulphate	mg/L	500	AO	1.7	1.83	1.2	<1.0	<1.0	
Dissolved Chloride	mg/L	250	AO	70.6	76	75	66	57	
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.050	0.0094	<0.0050	
<b>Miscellaneous</b>									
Apparent Colour	Colour Unit			520	80	400	300	100	
<b>Nutrients</b>									
Total Ammonia	mg/L			0.2	0.23	0.33	0.23	0.24	
<b>Physical Properties</b>									
Conductivity	µS/cm			406	408	401	388	371	
pH	pH	7.0:10.5	OG	7	7.77	7.71	7.61	7.81	
TDS	mg/L	500	AO	214	264	290	236	250	
Turbidity	NTU			15	16.6	20.1	47	28	
<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			140	143	136	142	135	
Nitrate	mg/L	10	MAC	0.05	<0.020	<0.20	0.023	<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	<0.005	<0.003	<0.003	0.0037	0.0044	
Total Antimony	mg/L	0.006	MAC	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	
Total Arsenic	mg/L	0.01	MAC	0.00034	0.00022	0.00032	0.00046	0.00032	
Total Barium	mg/L	1	MAC	0.0302	0.0297	0.0302	0.0329	0.0293	
Total Beryllium	mg/L			<0.00005	<0.0001	<0.0001	<0.0001	<0.0001	
Total Bismuth	mg/L			<0.0001	<0.001	<0.001	<0.001	<0.001	
Total Boron	mg/L	5	MAC	0.005	<0.05	<0.050	<0.050	<0.050	
Total Cadmium	mg/L	0.005	MAC	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
Total Chromium	mg/L	0.05	MAC	0.0006	<0.001	<0.001	<0.001	<0.001	
Total Cobalt	mg/L			<0.0001	<0.0005	<0.0005	<0.0002	<0.0002	
Total Copper	mg/L	1	AO	0.0018	0.00158	0.00111	0.00783	0.00126	
Total Iron	mg/L	0.3	AO	9.54	9.43	9.81	16.3	8.59	
Total Lead	mg/L	0.01	MAC	0.0003	0.00024	<0.0002	0.00033	0.00021	
Total Manganese	mg/L	0.05	AO	0.265	0.247	0.259	0.271	0.259	
Total Molybdenum	mg/L			<0.00005	<0.001	<0.001	<0.001	<0.001	
Total Nickel	mg/L			<0.0002	<0.001	<0.001	<0.001	<0.001	
Total Selenium	mg/L	0.05	MAC	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Total Silicon	mg/L			15	16.5	13.6	15.7	14.8	
Total Silver	mg/L			<0.00005	<0.00002	<0.00002	<0.00002	<0.00002	
Total Strontium	mg/L			0.0737	0.0648	0.0755	0.0705	0.0675	
Total Thallium	mg/L			<0.00001	<0.00005	<0.00005	<0.00001	<0.00001	
Total Tin	mg/L			0.0007	<0.005	<0.005	<0.005	<0.005	
Total Titanium	mg/L			0.0006	<0.005	<0.005	<0.005	<0.005	
Total Uranium	mg/L	0.02	MAC	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	
Total Vanadium	mg/L			0.0015	<0.005	<0.005	<0.005	<0.005	
Total Zinc	mg/L	5	AO	0.187	0.0647	0.0158	0.0752	0.0272	
Total Zirconium	mg/L				<0.0005	<0.0005	0.00015	0.00012	
Total Calcium	mg/L			36.9	36.6	33.9	35.8	34.9	
Total Magnesium	mg/L			12.8	12.5	12.5	12.8	11.5	
Total Potassium	mg/L			0.4	0.465	0.454	0.454	0.418	
Total Sodium	mg/L	200	AO	17.1	18.5	17.3	17.2	17.4	
Total Sulphur	mg/L				<3.0	<3.0	<3.0	<3.0	