

CDWG=Canadian Drinking Water Guidelines  
OG= Operational Guidance Value

MAC=Maximum Acceptable Concentration  
AO= Aesthetic Objective.



Red font indicates non-compliance with Canadian Drinking Water Guidelines

	Units	CDWG		April 8 2014	Nov. 12 2014	May 16 2016	October 4 2016	June 20 2017	Nov. 29 2018
<b>Miscellaneous Inorganics</b>									
Fluoride	mg/L	1.5	MAC	0.26	0.58	0.032	0.28	0.64	0.26
Alkalinity (total as CaCO <sub>3</sub> )	mg/L			140	150	148	144	146	138
<b>Anions</b>									
Dissolved Sulphate	mg/L	500	AO	5.5	6.8	6.13	5.9	6.2	6.4
Dissolved Chloride	mg/L	250	AO	14	13.6	14	14	15	15
Nitrite	mg/L	1	MAC	<0.05	<0.05	<0.0050	<0.0050	<0.0050	<0.0050
<b>Miscellaneous</b>									
Apparent Colour	Colour Unit			5	6	10	5	5	5
<b>Nutrients</b>									
Total Ammonia	mg/L			<0.02	<0.02	0.0067	0.015	0.031	<0.020
<b>Physical Properties</b>									
Conductivity	µS/cm			312	338	322	323	333	315
pH	pH	7.0:10.5	AO	8	8.1	8.34	8.25	8.36	8.21
TDS	mg/L	500	AO	190	196	184	190	178	160
Turbidity	NTU			0.5	<0.5	0.4	0.18	0.44	0.15
<b>Microbiological Parameters</b>									
E.coli	MPN/100mL	1	MAC	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Coliforms	MPN/100mL	1	MAC	<1.0	<1.0	53.1	1	43	<1.0
<b>Calculated Parameters</b>									
Total Hardness (CaCO <sub>3</sub> )	mg/L			60	46	55.2	52.4	48.9	53.8
Nitrate	mg/L	10	MAC	<0.05	<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	<0.00001	<0.000002
<b>Total Metals</b>									
Total Aluminum	mg/L	0.1	OG	0.028	0.013	0.0036	0.0073	0.0158	0.0032
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005
Total Arsenic	mg/L	0.01	MAC	0.00151	0.00113	0.00139	0.00123	0.00102	0.00128
Total Barium	mg/L	1	MAC	0.00042	0.00079	<0.001	<0.001	<0.001	<0.001
Total Beryllium	mg/L			<0.00025	<0.00005	<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.0005	<0.0001	<0.001	<0.001	<0.001	<0.001
Total Boron	mg/L	5	MAC	0.159	0.282	0.21	0.161	0.414	0.132
Total Cadmium	mg/L	0.005	MAC	<0.00005	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Chromium	mg/L	0.05	MAC	<0.0025	<0.0005	<0.001	<0.001	<0.001	<0.001
Total Cobalt	mg/L			<0.0005	<0.0001	<0.0005	<0.0005	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.0011	0.0017	0.00627	0.00448	0.00308	0.00185
Total Iron	mg/L	0.3	AO	0.028	0.013	0.0313	0.0145	0.0208	0.0062
Total Lead	mg/L	0.01	MAC	0.0005	0.0002	0.00044	0.00045	0.00024	0.00083
Total Manganese	mg/L	0.05	AO	0.034	0.0022	0.0033	0.0059	0.0048	0.0287
Total Molybdenum	mg/L			0.00161	0.00486	0.002	0.0019	0.0049	0.0015
Total Nickel	mg/L			<0.0010	<0.0002	<0.001	<0.001	<0.001	<0.001
Total Selenium	mg/L	0.05	MAC	<0.0005	<0.0001	<0.0001	<0.0001	<0.001	<0.0001
Total Silicon	mg/L			10.3	8.28	10.8	10.1	10.3	9.53
Total Silver	mg/L			<0.00025	<0.00005	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			0.0638	0.0507	0.0591	0.0575	0.0486	0.059
Total Thallium	mg/L			<0.00005	<0.00001	<0.00005	<0.00005	<0.00001	<0.00001
Total Tin	mg/L			<0.0005	0.0008	<0.005	<0.005	<0.005	<0.005
Total Titanium	mg/L			<0.0025	0.0006	<0.005	<0.005	<0.005	<0.005
Total Uranium	mg/L	0.02	MAC	<0.00005	0.00002	<0.0001	<0.0001	<0.0001	<0.0001
Total Vanadium	mg/L			<0.0005	0.0005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	0.0113	0.0054	0.0092	0.006	<0.005	<0.005
Total Zirconium	mg/L					<0.0005	<0.0005	<0.0001	<0.0001
Total Calcium	mg/L			19	15	17.4	16.4	16.1	16.9
Total Magnesium	mg/L			3.11	2.04	2.85	2.76	2.11	2.82
Total Potassium	mg/L			<0.5	<0.1	0.14	0.133	0.174	0.128
Total Sodium	mg/L	200	AO	59.6	63.9	57.3	53.4	67.3	51.1
Total Sulphur	mg/L					<3.0	<3.0	<3.0	<3.0
UV Transmittance	%/cm			95.4	95.8	94.9		93.4	96