

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	May 13 2019
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.05	0.042	0.039	0.038	0.038	0.039
Alkalinity (total as CaCO ₃)	mg/L			84	84.9	102	110	109	109
Anions									
Dissolved Sulphate	mg/L	500	AO	1.2	0.82	0.83	0.98	1.3	3.1
Dissolved Chloride	mg/L	250	AO	78	87	82	79	69	69
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.005	<0.005
Miscellaneous									
Apparent Colour	Colour Unit			<5	<5	10	10	5	9.2
Nutrients									
Total Ammonia	mg/L			<0.02	0.024	0.011	0.15	0.044	0.016
Physical Properties									
Conductivity	µS/cm			458	468	472	460	455	444
pH	pH	7.0:10.5	AO	7	7.95	7.66	8.06	7.96	7.85
TDS	mg/L	500	AO	290	294	306	304	272	270
Turbidity	NTU			<0.5	0.12	0.14	0.13	0.17	0.19
Microbiological Parameters									
E.coli	MPN/100mL	<1	MAC	<1.0	<1.0	<1.0	<1.0	<1.0	0
Total Coliforms	MPN/100mL	<1	MAC	<1.0	<1.0	<1.0	<1.0	<1.0	0
Calculated Parameters									
Total Hardness (CaCO ₃)	mg/L			140	144	146	152	144	137
Nitrate	mg/L	10	MAC	<0.05	<0.020	<0.020	0.029	0.024	0.042
Elements									
Total Mercury	mg/L	0.001	MAC	<0.00001	<0.00001	<0.00001	<0.00001	<0.000002	<0.000002
Total Metals									
Total Aluminum	mg/L	0.1	OG	<0.025	<0.003	<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	<0.0005
Total Arsenic	mg/L	0.01	MAC	<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Barium	mg/L	1	MAC	0.0264	0.03	0.0328	0.038	0.031	0.0286
Total Beryllium	mg/L			<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Total Boron	mg/L	5	MAC	<0.010	<0.050	<0.050	<0.050	<0.050	<0.05
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	<0.001	<0.001	<0.001	<0.001	<0.001
Total Cobalt	mg/L			<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.0062	0.00147	0.00167	0.00218	0.00219	0.00452
Total Iron	mg/L	0.3	AO	0.135	0.0693	0.0704	0.0456	0.0689	0.0587
Total Lead	mg/L	0.01	MAC	0.0007	0.0004	0.00029	0.00043	0.0004	0.00055
Total Manganese	mg/L	0.05	AO	<0.0050	0.0028	0.0027	0.0021	0.0029	0.0027
Total Molybdenum	mg/L			<0.00025	<0.001	<0.001	<0.001	<0.001	<0.001
Total Nickel	mg/L			<0.0010	<0.001	<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	<0.0001
Total Silicon	mg/L			14.3	14.8	15.2	22.1	15.2	14.2
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			0.0692	0.0691	0.0787	0.0913	0.0774	0.0668
Total Thallium	mg/L			<0.00005	<0.00005	<0.00005	<0.00001	<0.00001	<0.00001
Total Tin	mg/L			<0.0005	<0.005	<0.005	0.0088	<0.005	<0.005
Total Titanium	mg/L			<0.0025	<0.005	<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	<0.0001
Total Vanadium	mg/L			<0.0005	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	0.0892	0.0603	0.0316	0.0342	0.0212	0.0098
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	<0.0001
Total Calcium	mg/L			36.4	37.8	36.8	38.8	37.1	35.9
Total Magnesium	mg/L			12.7	12	13.1	13.5	12.4	11.4
Total Potassium	mg/L			<0.5	0.426	0.469	0.51	0.45	0.467
Total Sodium	mg/L	200	AO	35.4	29	31.1	31.4	29.7	30.7
Total Sulphur	mg/L				<3.0	<3.0	<3.0	<3.0	<3