

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		October 16 2014	October 27 2015	October 12 2016	September 20 2017	October 29 2018	October 17 2019
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.12	0.086	0.076	0.08	0.09	0.085
Alkalinity (total as CaCO ₃)	mg/L			120	126	122	127	126	130
Anions									
Dissolved Sulphate	mg/L	500	AO	8.1	8.38	8.4	7.8	6.8	7.5
Dissolved Chloride	mg/L	250	AO	34.9	36	44	56	56	67
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.005
Miscellaneous									
Apparent Colour	Colour Unit			<5	10	5	5	5	5
Nutrients									
Total Ammonia	mg/L			0.04	0.062	0.097	0.049	0.045	0.13
Physical Properties									
Conductivity	µS/cm			363	383	402	442	446	460
pH	pH	7.0:10.5	OG	8.1	8.06	8.21	8.23	8.17	8
TDS	mg/L	500	AO	238	220	240	248	266	270
Turbidity	NTU			<0.5	0.12	0.18	0.15	0.18	<0.1
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			150	153	155	172	169	168
Nitrate	mg/L	10	MAC	<0.05	<0.020	<0.020	<0.020	<0.020	<0.02
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	0.03	<0.003	<0.003	<0.003	<0.003	<0.003
Total Antimony	mg/L	0.006	MAC	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Arsenic	mg/L	0.01	MAC	0.00181	0.00191	0.00178	0.00182	0.00172	0.00163
Total Barium	mg/L	1	MAC	0.0234	0.0248	0.025	0.0263	0.0263	0.0269
Total Beryllium	mg/L			<0.00005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Boron	mg/L	5	MAC	0.043	<0.05	<0.050	<0.050	<0.050	<0.05
Total Cadmium	mg/L	0.005	MAC	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Chromium	mg/L	0.05	MAC	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Total Cobalt	mg/L			<0.0001	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.0006	0.00182	0.0009	0.00043	0.00137	0.00043
Total Iron	mg/L	0.3	AO	0.041	0.0145	0.032	0.0058	0.0247	0.0216
Total Lead	mg/L	0.01	MAC	0.0002	0.00028	<0.0002	<0.0002	0.00037	<0.0002
Total Manganese	mg/L	0.05	AO	0.027	0.029	0.0286	0.0311	0.0311	0.0304
Total Molybdenum	mg/L			0.00127	0.0011	0.0013	0.0012	0.0014	0.0012
Total Nickel	mg/L			<0.0002	<0.001	<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	<0.0001
Total Silicon	mg/L			6.58	6.73	6.15	7.3	6.9	6.5
Total Silver	mg/L			<0.00005	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			0.265	0.289	0.301	0.317	0.315	0.317
Total Thallium	mg/L			<0.00001	<0.00005	<0.00005	<0.00001	<0.00001	<0.00001
Total Tin	mg/L			0.0005	<0.005	<0.005	<0.005	<0.005	<0.005
Total Titanium	mg/L			0.0017	<0.005	<0.005	<0.005	<0.005	<0.005
Total Uranium	mg/L	0.02	MAC	0.00032	0.00029	0.00032	0.00032	0.00032	0.00031
Total Vanadium	mg/L			0.0005	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	0.0069	0.0069	0.0095	<0.005	0.0091	0.0052
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	<0.0001
Total Calcium	mg/L			38.2	38.6	38.3	43.1	43.8	43.6
Total Magnesium	mg/L			13.1	13.7	14.4	15.6	14.4	14.4
Total Potassium	mg/L			1.3	1.3	1.28	1.34	1.35	1.36
Total Sodium	mg/L	200	AO	15.3	16.1	16.4	18	17.4	18
Total Sulphur	mg/L				3.8	<3.0	<3.0	<3.0	<3