

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		Sept. 8 2014	October 12 2016	September 18 2017	October 25 2018	October 3 2019	
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	<0.05	0.026	0.031	0.026	<0.05	
Alkalinity (total as CaCO ₃)	mg/L			46	44.5	47.5	45.1	47	
Anions									
Dissolved Sulphate	mg/L	500	AO	1.6	1.7	1.8	2.3	1.4	
Dissolved Chloride	mg/L	250	AO	1.4	1.8	2.3	1.6	1.5	
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.005	
Miscellaneous									
Apparent Colour	Colour Unit			<5	5	5	5	5	
Nutrients									
Total Ammonia	mg/L			<0.02	0.1	<0.020	0.02	0.07	
Physical Properties									
Conductivity	µS/cm			90.7	97.6	98.5	95.4	95	
pH	pH	7.0:10.5	OG	7.2	7.79	7.79	7.78	7.61	
TDS	mg/L	500	AO	76	78	82	60	50	
Turbidity	NTU			<0.5	0.55	0.15	0.34	0.25	
Microbiological Parameters									
E.coli	MPN/100mL	<1	MAC	<1.0	<1.0	<1.0	<1.0	<1.0	
Total Coliforms	MPN/100mL	<1	MAC	<1.0	4.2	<1.0	<1.0	<1.0	
Calculated Parameters									
Total Hardness (CaCO ₃)	mg/L			42	41.5	42.6	43.3	41.4	
Nitrate	mg/L	10	MAC	0.10	0.118	0.115	0.117	0.12	
Elements									
Total Mercury	mg/L	0.001	MAC	<0.00001	<0.00001	<0.00001	0.0000083	<0.000002	
Total Metals									
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	0.00041	<0.0001	<0.0001	0.00011	<0.001	
Total Barium	mg/L	1	MAC	0.00315	0.0015	0.0014	0.0014	0.0015	
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	<0.010	<0.050	<0.050	<0.050	<0.05	
Total Cadmium	mg/L	0.005	MAC	0.00015	<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	<0.0002	<0.0002	<0.002	
Total Copper	mg/L	1	AO	0.0085	0.0028	0.00469	0.00418	0.00249	
Total Iron	mg/L	0.3	AO	0.058	0.123	0.0845	0.142	0.121	
Total Lead	mg/L	0.01	MAC	0.0035	<0.0002	<0.0002	0.00032	0.00076	
Total Manganese	mg/L	0.05	AO	<0.0050	0.0075	0.0028	0.003	0.0031	
Total Molybdenum	mg/L			0.00028	<0.001	<0.001	<0.001	<0.001	
Total Nickel	mg/L			0.0101	<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			7.5	6.63	7.55	7.17	7.09	
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	
Total Strontium	mg/L			0.028	0.0286	0.0281	0.0281	0.0273	
Total Thallium	mg/L			<0.00005	<0.00005	<0.00001	<0.00001	<0.00001	
Total Tin	mg/L			0.0006	<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			0.0023	<0.005	<0.005	<0.005	<0.005	
Total Zinc	mg/L	5	AO	0.121	<0.005	0.0058	<0.005	<0.005	
Total Zirconium	mg/L				<0.0005	<0.0001	<0.0001	<0.0001	
Total Calcium	mg/L			11.7	11.1	11.7	12	11.3	
Total Magnesium	mg/L			3.16	3.34	3.25	3.27	3.2	
Total Potassium	mg/L			<0.5	0.189	0.192	0.179	0.172	
Total Sodium	mg/L	200	AO	2.7	3.18	3.57	2.8	2.52	
Total Sulphur	mg/L				<3.0	<3.0	<3.0	<3	