

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	
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	<0.05	0.024	0.026	0.029	0.026	
Alkalinity (total as CaCO ₃)	mg/L			54	53.7	61.4	66.7	51.8	
Anions									
Dissolved Sulphate	mg/L	500	AO	4.1	5.19	5.38	5.11	5.7	
Dissolved Chloride	mg/L	250	AO	9	10	8.6	13	11	
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	
Miscellaneous									
Apparent Colour	Colour Unit			<5	<5	10	10	5	
Nutrients									
Total Ammonia	mg/L			0.02	0.017	0.017	0.091	<0.020	
Physical Properties									
Conductivity	µS/cm			161	154	157	184	157	
pH	pH	7.0:10.5	AO	7	7.68	7.55	7.85	7.72	
TDS	mg/L	500	AO	126	90	78	108	98	
Turbidity	NTU			<0.5	<0.10	0.2	0.17	0.27	
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	<1.0	<1.0	<1.0	<1.0	
Calculated Parameters									
Total Hardness (CaCO ₃)	mg/L			66	59.4	60	85.3	61	
Nitrate	mg/L	10	MAC	0.71	0.533	0.555	0.529	0.637	
Elements									
Total Mercury	mg/L	0.001	MAC	<0.00001	<0.00001	<0.00001	<0.00001	<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	<0.00025	<0.0001	<0.0001	<0.001	<0.0001	
Total Barium	mg/L	1	MAC	0.00357	0.0011	0.0017	0.0035	0.0018	
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	0.023	<0.050	<0.050	<0.050	<0.050	
Total Cadmium	mg/L	0.005	MAC	<0.00005	<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	<0.0005	<0.0002	<0.0002	
Total Copper	mg/L	1	AO	0.0088	0.00594	0.00898	0.00451	0.00513	
Total Iron	mg/L	0.3	AO	0.068	0.011	0.0288	0.0483	0.0137	
Total Lead	mg/L	0.01	MAC	0.0019	0.00054	0.00101	0.0003	0.00034	
Total Manganese	mg/L	0.05	AO	<0.0050	<0.001	<0.001	<0.001	<0.001	
Total Molybdenum	mg/L			<0.00025	<0.001	<0.001	<0.001	<0.001	
Total Nickel	mg/L			<0.0010	<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			8.18	7.91	8.16	10.4	7.87	
Total Silver	mg/L			0.00031	<0.00002	<0.00002	<0.00002	<0.00002	
Total Strontium	mg/L			0.065	0.0495	0.0551	0.0799	0.0549	
Total Thallium	mg/L			<0.00005	<0.00005	<0.00005	<0.00001	<0.00001	
Total Tin	mg/L			<0.0005	<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			<0.0005	<0.005	<0.005	<0.005	<0.005	
Total Zinc	mg/L	5	AO	0.0229	<0.005	<0.005	<0.005	<0.005	
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	
Total Calcium	mg/L			22.8	18.9	19.4	29.7	20	
Total Magnesium	mg/L			2.31	2.96	2.81	2.69	2.69	
Total Potassium	mg/L			<0.5	0.355	0.404	0.569	0.386	
Total Sodium	mg/L	200	AO	8.2	6.63	7.03	8.58	6.48	
Total Sulphur	mg/L				<3.0	<3.0	<3.0	<3.0	