

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	0.1	0.093	0.087	0.096	0.09	
Alkalinity (total as CaCO ₃)	mg/L			130	123	133	134	124	
Anions									
Dissolved Sulphate	mg/L	500	AO	8.2	8.09	7.98	8.52	9.6	
Dissolved Chloride	mg/L	250	AO	54.5	62	65	70	79	
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	
Miscellaneous									
Apparent Colour	Colour Unit			<5	<5	10	10	10	
Nutrients									
Total Ammonia	mg/L			<0.02	0.018	0.0097	0.085	<0.020	
Physical Properties									
Conductivity	µS/cm			440	464	483	480	503	
pH	pH	7.0:10.5	AO	8.2	8.17	8.19	8.23	8.17	
TDS	mg/L	500	AO	254	242	264	316	264	
Turbidity	NTU			<0.5	0.19	0.2	0.16	0.24	
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			170	171	173	221	176	
Nitrate	mg/L	10	MAC	<0.05	<0.020	<0.020	<0.020	<0.020	
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	0.00171	0.00159	0.00163	0.00192	0.00164	
Total Barium	mg/L	1	MAC	0.0264	0.0278	0.03	0.0349	0.0305	
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	0.051	<0.05	0.052	0.064	0.064	
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	0.0043	0.0015	0.00237	0.00616	0.00523	
Total Iron	mg/L	0.3	AO	0.031	0.024	0.0148	0.0167	0.0117	
Total Lead	mg/L	0.01	MAC	0.0006	0.0004	<0.0002	<0.0002	<0.0002	
Total Manganese	mg/L	0.05	AO	0.011	0.0169	0.0174	0.0084	0.0095	
Total Molybdenum	mg/L			0.00093	<0.001	<0.001	0.0012	<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			6.77	6.86	7.4	9.3	7.25	
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	
Total Strontium	mg/L			0.302	0.316	0.359	0.396	0.389	
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	0.00033	0.00034	0.00035	0.00039	0.00032	
Total Vanadium	mg/L			<0.0005	<0.005	<0.005	<0.005	<0.005	
Total Zinc	mg/L	5	AO	0.0246	<0.005	<0.005	<0.005	<0.005	
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	
Total Calcium	mg/L			42.2	44.8	43	56.5	44.7	
Total Magnesium	mg/L			14.9	14.3	15.9	19.4	15.5	
Total Potassium	mg/L			1.2	1.31	1.45	1.78	1.4	
Total Sodium	mg/L	200	AO	22.1	20.9	23.6	29.6	25.1	
Total Sulphur	mg/L				<3.0	3.2	3.5	<3.0	