



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 2002	October 22 2003	October 26 2004	October 19 2005	October 24 2006	October 22 2007	October 8 2008	October 14 2009	October 27 2010	October 19 2011	October 16 2012	October 17 2013			
<b>Miscellaneous Inorganics</b>																		
Fluoride	mg/L	1.5	MAC	0.05	<0.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.1	0.06	<0.05			
Alkalinity (total as CaCO <sub>3</sub> )	mg/L			48	46	45	47	40	49	44	43	56	49	54	52			
<b>Anions</b>																		
Dissolved Sulphate	mg/L	500	AO	5.03	10.6	9.5	8.1	17.3	8.9	11.5	9.9	10.7	5.8	8	5.9			
Dissolved Chloride	mg/L	250	AO	9.3	32.1	61	21.6	120	7.7	61.7	90.4	24.7	7.2	36	15.5			
Nitrite	mg/L	1	MAC	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.05	<0.05			
<b>Miscellaneous</b>																		
Apparent Colour	Colour Unit			1	<5	70	5	<5	10	<5	<5	<5	<5	<1	<5			
<b>Nutrients</b>																		
Total Ammonia	mg/L													<0.01	<0.02			
<b>Physical Properties</b>																		
Conductivity	µS/cm			144	238	312	192.5	600	147.4	301	431	222	138.7	248	164			
pH	pH	7.0:10.5	OG	6.67	6.55	6.6	7	6.7	6.75	6.6	6.8	6.7	6.68	6.8	6.8			
TDS	mg/L	500	AO	60	120	140	88	340	98	226	368	124	72	174	56			
Turbidity	NTU			<0.05	21.1	8.9	5	5.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
<b>Microbiological Parameters</b>																		
E.coli	MPN/100mL	<1	MAC					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Total Coliforms	MPN/100mL	<1	MAC			1	<1.0	<1.0	OG*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
<b>Calculated Parameters</b>																		
Total Hardness (CaCO <sub>3</sub> )	mg/L			55.7	81	99	69	180	51	100	140	73	51	89	62			
Nitrate	mg/L	10	MAC	0.34	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.31	0.44			
<b>Elements</b>																		
Total Mercury	mg/L	0.001	MAC	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.00001	<0.00001	<0.0001	<0.00001			
<b>Total Metals</b>																		
Total Aluminum	mg/L	0.1	OG	<0.005	<0.005	0.007	<0.005	<0.005	<0.005	0.005	<0.005	<0.005	<0.005	<0.001	<0.005			
Total Antimony	mg/L	0.006	MAC	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001	<0.0002			
Total Arsenic	mg/L	0.01	MAC	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0004	<0.0002	<0.0002	<0.00005	<0.0002			
Total Barium	mg/L	1	MAC	<0.001	<0.001	0.001	<0.001	0.002	<0.001	0.001	<0.001	<0.001	<0.001	0.00059	<0.001			
Total Beryllium	mg/L												<0.00004	<0.00005	<0.00004			
Total Bismuth	mg/L												<0.001	<0.0001	<0.0010			
Total Boron	mg/L	5	MAC	0.013	0.017	0.02	0.019	0.024	0.016	0.019	0.024	0.016	0.018	0.018	0.007			
Total Cadmium	mg/L	0.005	MAC	<0.00001	0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00007	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001			
Total Chromium	mg/L	0.05	MAC	<0.0005	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0004	<0.0004	0.0004	<0.0004	<0.0005	<0.0004			
Total Cobalt	mg/L												0.00003	<0.0001	<0.00002			
Total Copper	mg/L	1	AO	0.008	0.009	0.017	0.004	0.003	0.005	0.01	0.003	0.006	0.004	0.0045	0.007			
Total Iron	mg/L	0.3	AO	<0.1	2.9	2.2	0.5	0.4	<0.1	0.06	0.014	0.024	<0.01	0.011	0.021			
Total Lead	mg/L	0.01	MAC	0.0007	0.0014	0.0027	0.0005	0.0002	0.0002	0.0005	0.0002	0.0003	0.0011	0.0007	0.0015			
Total Manganese	mg/L	0.05	AO	<0.005	0.013	0.026	0.006	0.008	<0.005	0.0013	0.0011	<0.005	<0.005	0.0005	<0.0050			
Total Molybdenum	mg/L												0.0004	0.00006	<0.0001			
Total Nickel	mg/L										0.001	<0.001	<0.001	<0.0002	<0.001			
Total Selenium	mg/L	0.05	MAC	<0.0002	<0.0002	0.0003	0.0004	<0.0002	0.0005	<0.0006	<0.0006	<0.0006	0.004	<0.0001	<0.0006			
Total Silicon	mg/L												5.66	7.62	6.36			
Total Silver	mg/L										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001			
Total Strontium	mg/L												0.04	0.0661	0.046			
Total Thallium	mg/L												<0.00001	<0.00001	<0.00001			
Total Tin	mg/L												0.0002	0.0005	<0.0001			
Total Titanium	mg/L												<0.001	<0.0005	0.0015			
Total Uranium	mg/L	0.02	MAC	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0004	<0.0004	<0.0004	<0.0004	0.00005	<0.0004			
Total Vanadium	mg/L												0.0007	0.0006	0.0006			
Total Zinc	mg/L	5	AO	0.023	0.009	0.019	0.005	0.007	0.008	0.01	0.006	0.018	0.006	0.0129	0.031			
Total Zirconium	mg/L																	
Total Calcium	mg/L			16.7	24.4	30.4	21.5	55.8	15.7	31.7	43.6	22.5	15.8	27	18.7			
Total Magnesium	mg/L			3.4	4.9	5.7	3.8	10.6	2.9	6.12	8.68	4.19	2.82	5.28	3.8			
Total Potassium	mg/L			<0.4	0.4	0.5	0.4	0.8	<0.4	0.5	0.7	0.4	0.6	0.5	0.43			
Total Sodium	mg/L	200	AO	4.2	8.2	10.4	9.4	32.6	7.6	17.7	23.6	22.1	6.92	14	9.53			
Total Sulphur	mg/L																	

OG\*-sample overgrown, coliforms present