

	Units	CDWG		May 14 2014	May 20 2015°	May 11 2016°	May 10 2017	May 2 2018 ^M	May 15 2019
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.1	0.044	0.036	0.093	0.06	0.063
Alkalinity (total as CaCO ₃)	mg/L			150	70.4	45.8	158	146	112
Anions									
Dissolved Sulphate	mg/L	500	AO	14.1	5.67	3.51	12.4	8.8	13.7
Dissolved Chloride	mg/L	250	AO	7.6	14	7.6	8.8	22	17
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.005
Miscellaneous									
Apparent Colour	Colour Unit			12	5	10	30	5	10
Nutrients									
Total Ammonia	mg/L			<0.02	0.0072	0.012	0.1	<0.020	<0.015
Physical Properties									
Conductivity	µS/cm			366	199	122	336	373	294
pH	pH	7.0:10.5	AO	7.9	7.9	7.8	8.37	8.02	7.93
TDS	mg/L	500	AO	222	100	64	186	188	168
Turbidity	NTU			<0.5	0.24	0.24	0.61	0.28	0.48
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			75	70.9	46	128	153	102
Nitrate	mg/L	10	MAC	0.11	0.301	0.043	0.057	1.83	0.192
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	<0.025	0.0056	0.0075	<0.003	<0.003	0.059
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Arsenic	mg/L	0.01	MAC	0.0036	0.00087	0.00062	0.00292	0.00184	0.00179
Total Barium	mg/L	1	MAC	0.0169	0.0103	0.0073	0.0155	0.0146	0.012
Total Beryllium	mg/L			<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Total Boron	mg/L	5	MAC	0.061	<0.050	<0.050	<0.050	<0.050	<0.05
Total Cadmium	mg/L	0.005	MAC	<0.00005	<0.00001	<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	<0.001
Total Cobalt	mg/L			<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.0167	0.0146	0.018	0.00733	0.0102	0.0115
Total Iron	mg/L	0.3	AO	0.023	0.0289	0.0175	0.0092	0.0082	0.0134
Total Lead	mg/L	0.01	MAC	<0.0005	<0.0002	0.00026	<0.0002	0.00028	0.00029
Total Manganese	mg/L	0.05	AO	0.0842	0.0131	0.0166	0.0775	0.011	0.0462
Total Molybdenum	mg/L			0.00121	<0.001	<0.001	0.0011	<0.001	<0.001
Total Nickel	mg/L			<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Total Selenium	mg/L	0.05	MAC	<0.0005	<0.0001	<0.0001	<0.0001	0.00015	<0.0001
Total Silicon	mg/L			11.8	6.39	4.41	10.9	10.1	7.12
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			0.122	0.0666	0.0488	0.111	0.112	0.0947
Total Thallium	mg/L			<0.00005	<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			<0.0025	<0.005	<0.005	<0.005	<0.005	<0.005
Total Uranium	mg/L	0.02	MAC	0.00029	<0.0001	<0.0001	0.00021	0.00019	0.00013
Total Vanadium	mg/L			0.001	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	0.0177	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	<0.0001
Total Calcium	mg/L			39.2	20	13.4	32.7	37.3	27
Total Magnesium	mg/L			13.3	5.08	3.04	11.4	14.5	8.33
Total Potassium	mg/L			1.4	0.518	0.379	1.42	0.993	0.9
Total Sodium	mg/L	200	AO	25.1	8.38	5.99	19.6	17.2	16.2
Total Sulphur	mg/L				<3.0	<3.0	4.6	<3.0	4.6

Red font indicates non-compliance with Canadian Drinking Water Guidelines

	Units	CDWG		May 14 2014	May 20 2015°	May 11 2016~°	May 10 2017~	May 2 2018~ ^M	May 15 2019
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.15	0.14	0.11	0.32	0.17	0.094
Alkalinity (total as CaCO ₃)	mg/L			140	120	116	148	145	101
Anions									
Dissolved Sulphate	mg/L	500	AO	8	6.45	6.92	10.6	10.6	8.9
Dissolved Chloride	mg/L	250	AO	41.7	29	26	35	37	29
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.005
Miscellaneous									
Apparent Colour	Colour Unit			6	<5	10	10	5	10
Nutrients									
Total Ammonia	mg/L			<0.02	0.024	0.011	0.18	0.022	<0.015
Physical Properties									
Conductivity	µS/cm			415	350	321	416	424	312
pH	pH	7.0:10.5	AO	7.6	8.11	8.05	8.25	8.09	7.89
TDS	mg/L	500	AO	270	196	186	230	212	166
Turbidity	NTU			<0.5	0.12	0.11	0.15	0.12	0.29
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			120	98.7	96.2	112	117	83.7
Nitrate	mg/L	10	MAC	<0.05	<0.020	0.04	<0.020	<0.020	0.033
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	<0.025	<0.003	<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	<0.0005
Total Arsenic	mg/L	0.01	MAC	0.00149	0.00113	0.00088	0.001	0.00124	0.0011
Total Barium	mg/L	1	MAC	0.00805	0.0059	0.0049	0.018	0.0074	0.0063
Total Beryllium	mg/L			<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Total Boron	mg/L	5	MAC	0.074	0.055	<0.050	0.106	0.07	<0.05
Total Cadmium	mg/L	0.005	MAC	<0.00005	<0.00001	<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	<0.001
Total Cobalt	mg/L			<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.0058	0.00951	0.0011	0.00121	0.00162	0.00271
Total Iron	mg/L	0.3	AO	0.037	0.0434	0.0243	0.0319	0.0171	0.0201
Total Lead	mg/L	0.01	MAC	<0.0005	0.00053	<0.0002	<0.0002	<0.0002	<0.0002
Total Manganese	mg/L	0.05	AO	0.009	0.0149	0.0065	0.02	0.0085	0.0052
Total Molybdenum	mg/L			0.00033	<0.001	<0.001	<0.001	<0.001	<0.001
Total Nickel	mg/L			<0.0010	0.0017	<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	<0.0001
Total Silicon	mg/L			14.6	13.6	12.5	14	14.1	9.56
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			0.118	0.102	0.102	0.171	0.127	0.0895
Total Thallium	mg/L			<0.00005	<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			<0.0025	<0.005	<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	<0.0001
Total Vanadium	mg/L			0.0009	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	0.0215	0.0059	0.0069	0.0066	0.008	0.0142
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	<0.0001
Total Calcium	mg/L			29.7	25.6	24.2	28.6	29.3	21.7
Total Magnesium	mg/L			10.8	8.43	8.7	9.92	10.8	7.18
Total Potassium	mg/L			2.5	2.06	1.97	2.58	2.57	1.57
Total Sodium	mg/L	200	AO	44.3	28.1	27.1	38.3	38.8	26
Total Sulphur	mg/L				<3.0	<3.0	3.5	3.3	3.1

	Units	CDWG		May 14 2014	May 20 2015°	May 11 2016°	May 10 2017	May 2 2018 ^M	May 23 2019
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.16	0.036	0.03	0.2	0.098	0.026
Alkalinity (total as CaCO ₃)	mg/L			140	49.3	48	148	129	44.2
Anions									
Dissolved Sulphate	mg/L	500	AO	7.1	4.49	3.67	9.83	7.6	3.9
Dissolved Chloride	mg/L	250	AO	43.5	11	7.4	37	31	11
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.005
Miscellaneous									
Apparent Colour	Colour Unit			6	<5	10	10	5	5
Nutrients									
Total Ammonia	mg/L			<0.02	0.012	0.014	0.1	<0.020	<0.015
Physical Properties									
Conductivity	µS/cm			416	143	124	413	387	128
pH	pH	7.0:10.5	AO	7.6	7.69	7.75	8.27	8.12	7.63
TDS	mg/L	500	AO	278	68	80	232	226	77
Turbidity	NTU			<0.5	0.19	0.17	0.13	0.38	0.34
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			120	49.2	45.7	117	136	41.9
Nitrate	mg/L	10	MAC	<0.05	0.037	0.053	<0.020	<0.020	0.026
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	<0.025	0.0043	0.0045	<0.003	<0.003	0.009
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Arsenic	mg/L	0.01	MAC	0.0016	0.00039	0.0004	0.00124	0.00115	0.00044
Total Barium	mg/L	1	MAC	0.00679	0.0067	0.0054	0.0089	0.0096	0.0073
Total Beryllium	mg/L			<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Total Boron	mg/L	5	MAC	0.083	<0.05	<0.050	0.076	<0.050	<0.05
Total Cadmium	mg/L	0.005	MAC	<0.00005	<0.00001	<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	<0.001
Total Cobalt	mg/L			<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.0015	0.00137	0.00131	0.00119	0.00159	0.00267
Total Iron	mg/L	0.3	AO	0.072	0.0358	0.0286	0.0475	0.0322	0.026
Total Lead	mg/L	0.01	MAC	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	0.00029
Total Manganese	mg/L	0.05	AO	0.017	0.0063	0.0041	0.0094	0.0086	0.008
Total Molybdenum	mg/L			<0.00025	<0.001	<0.001	<0.001	<0.001	<0.001
Total Nickel	mg/L			<0.0010	<0.001	<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	<0.0001
Total Silicon	mg/L			15.7	4.28	4.34	14.1	12.3	3.9
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			0.119	0.0605	0.0483	0.129	0.122	0.0481
Total Thallium	mg/L			<0.00005	<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			<0.0025	<0.005	<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	<0.0001
Total Vanadium	mg/L			0.0009	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	0.0203	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	<0.0001
Total Calcium	mg/L			30.2	14.6	12.8	29.1	32.4	11.9
Total Magnesium	mg/L			11	3.08	3.32	10.7	13.3	2.99
Total Potassium	mg/L			2.8	0.358	0.37	2.54	1.6	0.344
Total Sodium	mg/L	200	AO	48.6	6.34	5.82	39	23.9	6.4
Total Sulphur	mg/L				<3.0	<3.0	3.6	<3.0	<3

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	Units	CDWG		May 14 2014	May 20 2015°	May 11 2016°	May 10 2017	May 2 2018 ^M	May 15 2019
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.16	0.088	0.1	0.19	0.15	0.048
Alkalinity (total as CaCO ₃)	mg/L			140	85.1	113	153	147	57.4
Anions									
Dissolved Sulphate	mg/L	500	AO	6.3	5.44	7.13	10.2	10.5	5.1
Dissolved Chloride	mg/L	250	AO	47.4	20	25	39	37	13
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.005
Miscellaneous									
Apparent Colour	Colour Unit			6	5	10	10	10	10
Nutrients									
Total Ammonia	mg/L			<0.02	0.01	0.023	0.094	<0.020	<0.015
Physical Properties									
Conductivity	µS/cm			430	246	310	431	418	162
pH	pH	7.0:10.5	AO	7.6	8.02	8.03	8.3	8.11	7.68
TDS	mg/L	500	AO	268	128	164	240	238	78
Turbidity	NTU			<0.5	0.22	0.23	0.24	0.27	0.23
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			120	75.3	92.5	117	128	55.2
Nitrate	mg/L	10	MAC	<0.05	0.037	0.049	<0.020	0.151	0.054
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	<0.025	0.0038	<0.003	<0.003	<0.003	0.0068
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Arsenic	mg/L	0.01	MAC	0.00122	0.0008	0.0009	0.00109	0.00122	0.00059
Total Barium	mg/L	1	MAC	0.00574	0.0052	0.0062	0.0082	0.0068	0.005
Total Beryllium	mg/L			<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0010
Total Boron	mg/L	5	MAC	0.082	<0.05	<0.050	0.074	0.058	<0.05
Total Cadmium	mg/L	0.005	MAC	<0.00005	<0.00001	<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	<0.001
Total Cobalt	mg/L			<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.0041	0.00276	0.00243	0.00124	0.00136	0.00267
Total Iron	mg/L	0.3	AO	0.096	0.0722	0.0781	0.0672	0.0692	0.023
Total Lead	mg/L	0.01	MAC	<0.0005	<0.0002	0.00023	<0.0002	<0.0002	<0.0002
Total Manganese	mg/L	0.05	AO	0.017	0.0114	0.0158	0.0098	0.014	0.0066
Total Molybdenum	mg/L			0.00037	<0.001	<0.001	<0.001	<0.001	<0.001
Total Nickel	mg/L			0.0024	<0.001	<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	<0.0001
Total Silicon	mg/L			15.9	8.91	11.7	14.6	13.4	5.05
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			0.124	0.0815	0.094	0.131	0.127	0.0565
Total Thallium	mg/L			<0.00005	<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			<0.0025	<0.005	<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	<0.0001
Total Vanadium	mg/L			0.0007	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	0.0159	<0.005	0.0076	0.0079	0.0088	0.0103
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	<0.0001
Total Calcium	mg/L			31.2	21.3	24.5	30.5	33.2	16.4
Total Magnesium	mg/L			10.3	5.35	7.63	9.87	10.9	3.5
Total Potassium	mg/L			2.9	1.4	1.74	2.7	2.55	0.665
Total Sodium	mg/L	200	AO	51.6	17.2	24.5	41.2	36.6	9.68
Total Sulphur	mg/L				<3.0	<3.0	3.5	3.5	<3

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Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.15	0.14	0.12	0.31	0.22	0.093
Alkalinity (total as CaCO ₃)	mg/L			140	118	120	148	133	90.8
Anions									
Dissolved Sulphate	mg/L	500	AO	6.3	6.75	7.11	10.5	9.2	9.3
Dissolved Chloride	mg/L	250	AO	46	32	27	35	34	27
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.005
Miscellaneous									
Apparent Colour	Colour Unit			6	<5	15	10	5	10
Nutrients									
Total Ammonia	mg/L			<0.02	0.019	0.027	0.13	0.04	<0.015
Physical Properties									
Conductivity	µS/cm			426	348	329	414	408	289
pH	pH	7.0:10.5	AO	7.7	8.2	8.09	8.25	8.16	7.75
TDS	mg/L	500	AO	276	190	194	230	196	162
Turbidity	NTU			<0.5	0.17	0.16	0.25	0.27	0.39
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			130	92.2	104	113	123	83.6
Nitrate	mg/L	10	MAC	<0.05	0.024	0.047	<0.020	0.642	0.026
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	<0.025	0.0034	<0.003	<0.003	<0.003	0.0061
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Arsenic	mg/L	0.01	MAC	0.00136	0.00111	0.00106	0.0011	0.0011	0.00085
Total Barium	mg/L	1	MAC	0.00503	0.0053	0.0053	0.0236	0.0105	0.0055
Total Beryllium	mg/L			<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Total Boron	mg/L	5	MAC	0.089	0.056	0.053	0.101	0.073	<0.05
Total Cadmium	mg/L	0.005	MAC	<0.00005	<0.00001	<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	<0.001
Total Cobalt	mg/L			<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.0179	0.00399	0.00749	0.00216	0.00349	0.00359
Total Iron	mg/L	0.3	AO	0.068	0.0709	0.0752	0.113	0.0394	0.035
Total Lead	mg/L	0.01	MAC	<0.0005	<0.0002	0.00086	<0.0002	0.00061	0.00047
Total Manganese	mg/L	0.05	AO	0.016	0.0163	0.021	0.0224	0.0214	0.0107
Total Molybdenum	mg/L			0.00025	<0.001	<0.001	<0.001	<0.001	<0.001
Total Nickel	mg/L			<0.0010	<0.001	<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	<0.0001
Total Silicon	mg/L			17.1	12.3	12.9	14.4	12.7	9.38
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			0.131	0.103	0.113	0.175	0.146	0.0847
Total Thallium	mg/L			<0.00005	<0.00005	<0.00005	<0.00001	<0.00001	0.00001
Total Tin	mg/L			0.0006	<0.005	<0.005	<0.005	<0.005	<0.005
Total Titanium	mg/L			<0.0025	<0.005	<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	<0.001
Total Vanadium	mg/L			0.001	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	0.0326	<0.005	0.029	0.007	0.0208	0.0188
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	<0.0001
Total Calcium	mg/L			31.6	23.7	25.4	28.7	30.8	21.9
Total Magnesium	mg/L			11.6	8	9.98	10.2	11.2	7.05
Total Potassium	mg/L			3.1	1.94	2.34	2.67	2.13	1.56
Total Sodium	mg/L	200	AO	54	27.2	32.4	39.4	32.9	25.8
Total Sulphur	mg/L				<3.0	3.2	3.7	3.2	<3

Red font indicates non-compliance with Canadian Drinking Water Guidelines

	Units	CDWG		May 14 2014	May 20 2015°	May 11 2016°	May 10 2017	May 2 2018 ^M	May 15 2019
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.15	0.14	0.12	0.32	0.18	0.098
Alkalinity (total as CaCO ₃)	mg/L			140	116	121	147	145	96.8
Anions									
Dissolved Sulphate	mg/L	500	AO	6.4	6.35	7.35	10.4	9.4	8
Dissolved Chloride	mg/L	250	AO	46.8	29	27	36	39	27
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.005
Miscellaneous									
Apparent Colour	Colour Unit			5	5	15	10	5	5
Nutrients									
Total Ammonia	mg/L			<0.02	0.024	0.012	0.17	<0.020	<0.015
Physical Properties									
Conductivity	µS/cm			428	341	337	413	422	293
pH	pH	7.0:10.5	AO	7.6	8.12	8.12	8.3	8.21	7.89
TDS	mg/L	500	AO	284	176	204	234	256	160
Turbidity	NTU			<0.5	0.21	0.18	<0.10	0.1	0.3
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			120	94.7	99.4	115	118	77.9
Nitrate	mg/L	10	MAC	<0.05	0.024	0.045	<0.020	0.119	0.029
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	<0.025	<0.003	0.0093	<0.003	<0.003	0.0044
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Arsenic	mg/L	0.01	MAC	0.00138	0.00112	0.00108	0.00107	0.00124	0.0009
Total Barium	mg/L	1	MAC	0.00472	0.0051	0.0051	0.0227	0.006	0.0056
Total Beryllium	mg/L			<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Total Boron	mg/L	5	MAC	0.084	0.052	0.053	0.105	0.071	<0.05
Total Cadmium	mg/L	0.005	MAC	<0.00005	<0.00001	<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	<0.001
Total Cobalt	mg/L			<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.004	0.00345	0.00117	0.00107	0.0012	0.00257
Total Iron	mg/L	0.3	AO	0.073	0.0816	0.0782	0.0299	0.0241	0.0341
Total Lead	mg/L	0.01	MAC	<0.0005	0.00021	<0.0002	<0.0002	<0.0002	0.00023
Total Manganese	mg/L	0.05	AO	0.016	0.0192	0.0205	0.0057	0.0067	0.0111
Total Molybdenum	mg/L			0.00037	<0.001	<0.001	<0.001	<0.001	<0.001
Total Nickel	mg/L			<0.0010	<0.001	<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	<0.0001
Total Silicon	mg/L			16.5	12.8	13.3	14	13.4	8.84
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			0.127	0.101	0.105	0.18	0.131	0.0873
Total Thallium	mg/L			<0.00005	<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			<0.0025	<0.005	<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	<0.0001
Total Vanadium	mg/L			0.001	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	0.0482	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	<0.0001
Total Calcium	mg/L			30.5	25	24.9	29.1	29.1	20.4
Total Magnesium	mg/L			11.2	7.86	9.08	10.3	10.9	6.55
Total Potassium	mg/L			3.1	1.93	2.13	2.65	2.48	1.51
Total Sodium	mg/L	200	AO	52.8	28.2	29.6	40.6	38.2	23.9
Total Sulphur	mg/L				<3.0	<3.0	3.7	3.3	<3

	Units	CDWG		May 14 2014	May 20 2015°	May 11 2016°	May 10 2017	May 2 2018 ^M	May 15 2019°
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.15	0.18	0.12	0.33	0.24	0.089
Alkalinity (total as CaCO ₃)	mg/L			140	141	121	150	141	88.7
Anions									
Dissolved Sulphate	mg/L	500	AO	6.4	7.26	7.19	10.4	10.3	8
Dissolved Chloride	mg/L	250	AO	48.9	36	27	36	32	25
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.005
Miscellaneous									
Apparent Colour	Colour Unit			6	<5.0	10	10	10	5
Nutrients									
Total Ammonia	mg/L			<0.02	0.022	0.012	0.16	<0.020	<0.015
Physical Properties									
Conductivity	µS/cm			431	412	331	412	396	260
pH	pH	7.0:10.5	AO	7.6	8.15	8.13	8.28	7.95	7.83
TDS	mg/L	500	AO	284	224	188	234	176	152
Turbidity	NTU			<0.5	0.15	0.17	0.17	0.13	0.43
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			130	102	98.9	112	128	72.9
Nitrate	mg/L	10	MAC	<0.05	<0.020	0.055	<0.020	0.501	0.035
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	<0.025	<0.003	<0.003	<0.003	<0.003	0.0067
Total Antimony	mg/L	0.006	MAC	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Arsenic	mg/L	0.01	MAC	0.00214	0.00128	0.0013	0.00151	0.00096	0.00095
Total Barium	mg/L	1	MAC	0.00537	0.0052	0.0048	0.022	0.0177	0.0052
Total Beryllium	mg/L			<0.00025	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Bismuth	mg/L			<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Total Boron	mg/L	5	MAC	0.081	0.066	0.051	0.104	0.071	<0.05
Total Cadmium	mg/L	0.005	MAC	<0.00005	<0.00001	<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	<0.001
Total Cobalt	mg/L			<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
Total Copper	mg/L	1	AO	0.0047	0.00265	0.0022	0.00358	0.0026	0.00351
Total Iron	mg/L	0.3	AO	0.082	0.0706	0.0788	0.0757	0.0268	0.0259
Total Lead	mg/L	0.01	MAC	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Total Manganese	mg/L	0.05	AO	0.021	0.0154	0.0252	0.0215	0.0055	0.0095
Total Molybdenum	mg/L			<0.00025	<0.001	<0.001	<0.001	<0.001	<0.001
Total Nickel	mg/L			<0.0010	<0.001	<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	<0.0001
Total Silicon	mg/L			17.2	14.6	13	13.5	11.9	7.99
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Total Strontium	mg/L			0.131	0.112	0.103	0.169	0.152	0.0788
Total Thallium	mg/L			<0.00005	<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			<0.0025	<0.005	<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	<0.0001
Total Vanadium	mg/L			0.0009	<0.005	<0.005	<0.005	<0.005	<0.005
Total Zinc	mg/L	5	AO	0.0236	<0.005	<0.005	0.0105	<0.005	<0.005
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	<0.0001
Total Calcium	mg/L			31.9	26.3	25.3	28.3	31.1	19
Total Magnesium	mg/L			11.5	8.86	8.64	10.1	12.3	6.2
Total Potassium	mg/L			3.2	2.39	2.07	2.65	1.85	1.38
Total Sodium	mg/L	200	AO	56.9	35.4	28.7	39.8	28.6	20.6
Total Sulphur	mg/L				<3.0	<3.0	3.6	3.3	<3

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 14 2014	May 25 2015	May 11 2016	May 10 2017	May 28 2018	May 27 2019
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.16	0.15	0.15	0.16	0.16	0.15
Alkalinity (total as CaCO ₃)	mg/L			140	136	156	147	144	142
Anions									
Dissolved Sulphate	mg/L	500	AO	6.4	7.29	8.2	9.31	11.1	12
Dissolved Chloride	mg/L	250	AO	45.8	39	30	40	48	53
Nitrite	mg/L	1	MAC	<0.05	<0.050	<0.0050	<0.0050	<0.0050	<0.005
Miscellaneous									
Apparent Colour	Colour Unit			6	<5	10	10	<5	<2
Nutrients									
Total Ammonia	mg/L			<0.02	0.062	0.023	0.2	<0.020	<0.015
Physical Properties									
Conductivity	µS/cm			424	413	403	424	450	453
pH	pH	6.5:8.5	AO	7.6	8.02	8.11	8.3	8.18	8.03
TDS	mg/L	500	AO	272	238	216	238	256	268
Turbidity	NTU			<0.5	0.26	0.23	0.15	0.1	0.21
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			120	120	111	117	122	113
Nitrate	mg/L	10	MAC	<0.05	<0.050	<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	<0.025	<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	0.00136	0.00138	0.00112	0.0011	0.00124	
Total Barium	mg/L	1	MAC	0.00534	0.0049	0.0049	0.005	0.0045	
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	0.084	0.066	0.062	0.064	0.07	
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	0.0083	0.00322	0.00258	0.00279	0.00277	
Total Iron	mg/L	0.3	AO	0.103	0.16	0.107	0.0733	0.0623	0.078
Total Lead	mg/L	0.01	MAC	0.0006	0.00197	0.00121	0.00159	0.00109	
Total Manganese	mg/L	0.05	AO	0.025	0.0413	0.0292	0.0163	0.0151	0.0208
Total Molybdenum	mg/L			0.00038	<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			16.8	16.1	16.6	15.2	15.3	
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	
Total Strontium	mg/L			0.13	0.121	0.124	0.116	0.126	
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			0.0008	<0.005	<0.005	<0.005	<0.005	
Total Zinc	mg/L	5	AO	0.0281	0.0055	<0.005	<0.005	<0.005	
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	
Total Calcium	mg/L			31.2	29.6	27.7	29.7	30.3	27.7
Total Magnesium	mg/L			11.4	11.1	10.3	10.3	11.2	10.7
Total Potassium	mg/L			3.1	2.7	2.65	2.62	2.83	2.68
Total Sodium	mg/L	200	AO	53.5	39.6	35.3	38.3	45.8	45.1
Total Sulphur	mg/L				3.1	<3.0	3.2	<3.0	<3.0