

CDWG=Canadian Drinking Water Guidelines

MAC=Maximum Acceptable Concentration

OG= Operational Guidance Value

AO= Asthetic Objective.



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	
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.1	0.044	0.036	0.093	0.06	
Alkalinity (total as CaCO ₃)	mg/L			150	70.4	45.8	158	146	
Anions									
Dissolved Sulphate	mg/L	500	AO	14.1	5.67	3.51	12.4	8.8	
Dissolved Chloride	mg/L	250	AO	7.6	14	7.6	8.8	22	
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	
Miscellaneous									
Apparent Colour	Colour Unit			12	5	10	30	5	
Nutrients									
Total Ammonia	mg/L			<0.02	0.0072	0.012	0.1	<0.020	
Physical Properties									
Conductivity	µS/cm			366	199	122	336	373	
pH	pH	7.0:10.5	AO	7.9	7.9	7.8	8.37	8.02	
TDS	mg/L	500	AO	222	100	64	186	188	
Turbidity	NTU			<0.5	0.24	0.24	0.61	0.28	
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			75	70.9	46	128	153	
Nitrate	mg/L	10	MAC	0.11	0.301	0.043	0.057	1.83	
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	0.0056	0.0075	<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	0.0036	0.00087	0.00062	0.00292	0.00184	
Total Barium	mg/L	1	MAC	0.0169	0.0103	0.0073	0.0155	0.0146	
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	0.061	<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	0.0167	0.0146	0.018	0.00733	0.0102	
Total Iron	mg/L	0.3	AO	0.023	0.0289	0.0175	0.0092	0.0082	
Total Lead	mg/L	0.01	MAC	<0.0005	<0.0002	0.00026	<0.0002	0.00028	
Total Manganese	mg/L	0.05	AO	0.0842	0.0131	0.0166	0.0775	0.011	
Total Molybdenum	mg/L			0.00121	<0.001	<0.001	0.0011	<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	0.00015	
Total Silicon	mg/L			11.8	6.39	4.41	10.9	10.1	
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	
Total Strontium	mg/L			0.122	0.0666	0.0488	0.111	0.112	
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	0.00029	<0.0001	<0.0001	0.00021	0.00019	
Total Vanadium	mg/L			0.001	<0.005	<0.005	<0.005	<0.005	
Total Zinc	mg/L	5	AO	0.0177	<0.005	<0.005	<0.005	<0.005	
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	
Total Calcium	mg/L			39.2	20	13.4	32.7	37.3	
Total Magnesium	mg/L			13.3	5.08	3.04	11.4	14.5	
Total Potassium	mg/L			1.4	0.518	0.379	1.42	0.993	
Total Sodium	mg/L	200	AO	25.1	8.38	5.99	19.6	17.2	
Total Sulphur	mg/L				<3.0	<3.0	4.6	<3.0	

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

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

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Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.16	0.088	0.1	0.19	0.15	
Alkalinity (total as CaCO ₃)	mg/L			140	85.1	113	153	147	
Anions									
Dissolved Sulphate	mg/L	500	AO	6.3	5.44	7.13	10.2	10.5	
Dissolved Chloride	mg/L	250	AO	47.4	20	25	39	37	
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	
Miscellaneous									
Apparent Colour	Colour Unit			6	5	10	10	10	
Nutrients									
Total Ammonia	mg/L			<0.02	0.01	0.023	0.094	<0.020	
Physical Properties									
Conductivity	µS/cm			430	246	310	431	418	
pH	pH	7.0:10.5	AO	7.6	8.02	8.03	8.3	8.11	
TDS	mg/L	500	AO	268	128	164	240	238	
Turbidity	NTU			<0.5	0.22	0.23	0.24	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			120	75.3	92.5	117	128	
Nitrate	mg/L	10	MAC	<0.05	0.037	0.049	<0.020	0.151	
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	0.0038	<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	0.00122	0.0008	0.0009	0.00109	0.00122	
Total Barium	mg/L	1	MAC	0.00574	0.0052	0.0062	0.0082	0.0068	
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	0.082	<0.05	<0.050	0.074	0.058	
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	0.0041	0.00276	0.00243	0.00124	0.00136	
Total Iron	mg/L	0.3	AO	0.096	0.0722	0.0781	0.0672	0.0692	
Total Lead	mg/L	0.01	MAC	<0.0005	<0.0002	0.00023	<0.0002	<0.0002	
Total Manganese	mg/L	0.05	AO	0.017	0.0114	0.0158	0.0098	0.014	
Total Molybdenum	mg/L			0.00037	<0.001	<0.001	<0.001	<0.001	
Total Nickel	mg/L			0.0024	<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			15.9	8.91	11.7	14.6	13.4	
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	
Total Strontium	mg/L			0.124	0.0815	0.094	0.131	0.127	
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			0.0007	<0.005	<0.005	<0.005	<0.005	
Total Zinc	mg/L	5	AO	0.0159	<0.005	0.0076	0.0079	0.0088	
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	
Total Calcium	mg/L			31.2	21.3	24.5	30.5	33.2	
Total Magnesium	mg/L			10.3	5.35	7.63	9.87	10.9	
Total Potassium	mg/L			2.9	1.4	1.74	2.7	2.55	
Total Sodium	mg/L	200	AO	51.6	17.2	24.5	41.2	36.6	
Total Sulphur	mg/L				<3.0	<3.0	3.5	3.5	

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

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

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	Units	CDWG		May 14 2014	May 20 2015°	May 11 2016°	May 10 2017	May 2 2018 ^M	
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.15	0.18	0.12	0.33	0.24	
Alkalinity (total as CaCO ₃)	mg/L			140	141	121	150	141	
Anions									
Dissolved Sulphate	mg/L	500	AO	6.4	7.26	7.19	10.4	10.3	
Dissolved Chloride	mg/L	250	AO	48.9	36	27	36	32	
Nitrite	mg/L	1	MAC	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	
Miscellaneous									
Apparent Colour	Colour Unit			6	<5.0	10	10	10	
Nutrients									
Total Ammonia	mg/L			<0.02	0.022	0.012	0.16	<0.020	
Physical Properties									
Conductivity	µS/cm			431	412	331	412	396	
pH	pH	7.0:10.5	AO	7.6	8.15	8.13	8.28	7.95	
TDS	mg/L	500	AO	284	224	188	234	176	
Turbidity	NTU			<0.5	0.15	0.17	0.17	0.13	
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			130	102	98.9	112	128	
Nitrate	mg/L	10	MAC	<0.05	<0.020	0.055	<0.020	0.501	
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	0.00214	0.00128	0.0013	0.00151	0.00096	
Total Barium	mg/L	1	MAC	0.00537	0.0052	0.0048	0.022	0.0177	
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	0.081	0.066	0.051	0.104	0.071	
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	0.0047	0.00265	0.0022	0.00358	0.0026	
Total Iron	mg/L	0.3	AO	0.082	0.0706	0.0788	0.0757	0.0268	
Total Lead	mg/L	0.01	MAC	<0.0005	<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	
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			17.2	14.6	13	13.5	11.9	
Total Silver	mg/L			<0.00025	<0.00002	<0.00002	<0.00002	<0.00002	
Total Strontium	mg/L			0.131	0.112	0.103	0.169	0.152	
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			0.0009	<0.005	<0.005	<0.005	<0.005	
Total Zinc	mg/L	5	AO	0.0236	<0.005	<0.005	0.0105	<0.005	
Total Zirconium	mg/L				<0.0005	<0.0005	<0.0001	<0.0001	
Total Calcium	mg/L			31.9	26.3	25.3	28.3	31.1	
Total Magnesium	mg/L			11.5	8.86	8.64	10.1	12.3	
Total Potassium	mg/L			3.2	2.39	2.07	2.65	1.85	
Total Sodium	mg/L	200	AO	56.9	35.4	28.7	39.8	28.6	
Total Sulphur	mg/L				<3.0	<3.0	3.6	3.3	

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	Units	CDWG		May 14 2014	May 25 2015	May 11 2016	May 10 2017	May 28 2018	
Miscellaneous Inorganics									
Fluoride	mg/L	1.5	MAC	0.16	0.15	0.15	0.16	0.16	
Alkalinity (total as CaCO ₃)	mg/L			140	136	156	147	144	
Anions									
Dissolved Sulphate	mg/L	500	AO	6.4	7.29	8.2	9.31	11.1	
Dissolved Chloride	mg/L	250	AO	45.8	39	30	40	48	
Nitrite	mg/L	1	MAC	<0.05	<0.050	<0.0050	<0.0050	<0.0050	
Miscellaneous									
Apparent Colour	Colour Unit			6	<5	10	10	<5	
Nutrients									
Total Ammonia	mg/L			<0.02	0.062	0.023	0.2	<0.020	
Physical Properties									
Conductivity	µS/cm			424	413	403	424	450	
pH	pH	6.5:8.5	AO	7.6	8.02	8.11	8.3	8.18	
TDS	mg/L	500	AO	272	238	216	238	256	
Turbidity	NTU			<0.5	0.26	0.23	0.15	0.1	
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			120	120	111	117	122	
Nitrate	mg/L	10	MAC	<0.05	<0.050	<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	0.00136	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	
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	
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	
Total Magnesium	mg/L			11.4	11.1	10.3	10.3	11.2	
Total Potassium	mg/L			3.1	2.7	2.65	2.62	2.83	
Total Sodium	mg/L	200	AO	53.5	39.6	35.3	38.3	45.8	
Total Sulphur	mg/L				3.1	<3.0	3.2	<3.0	