

## FIGURES



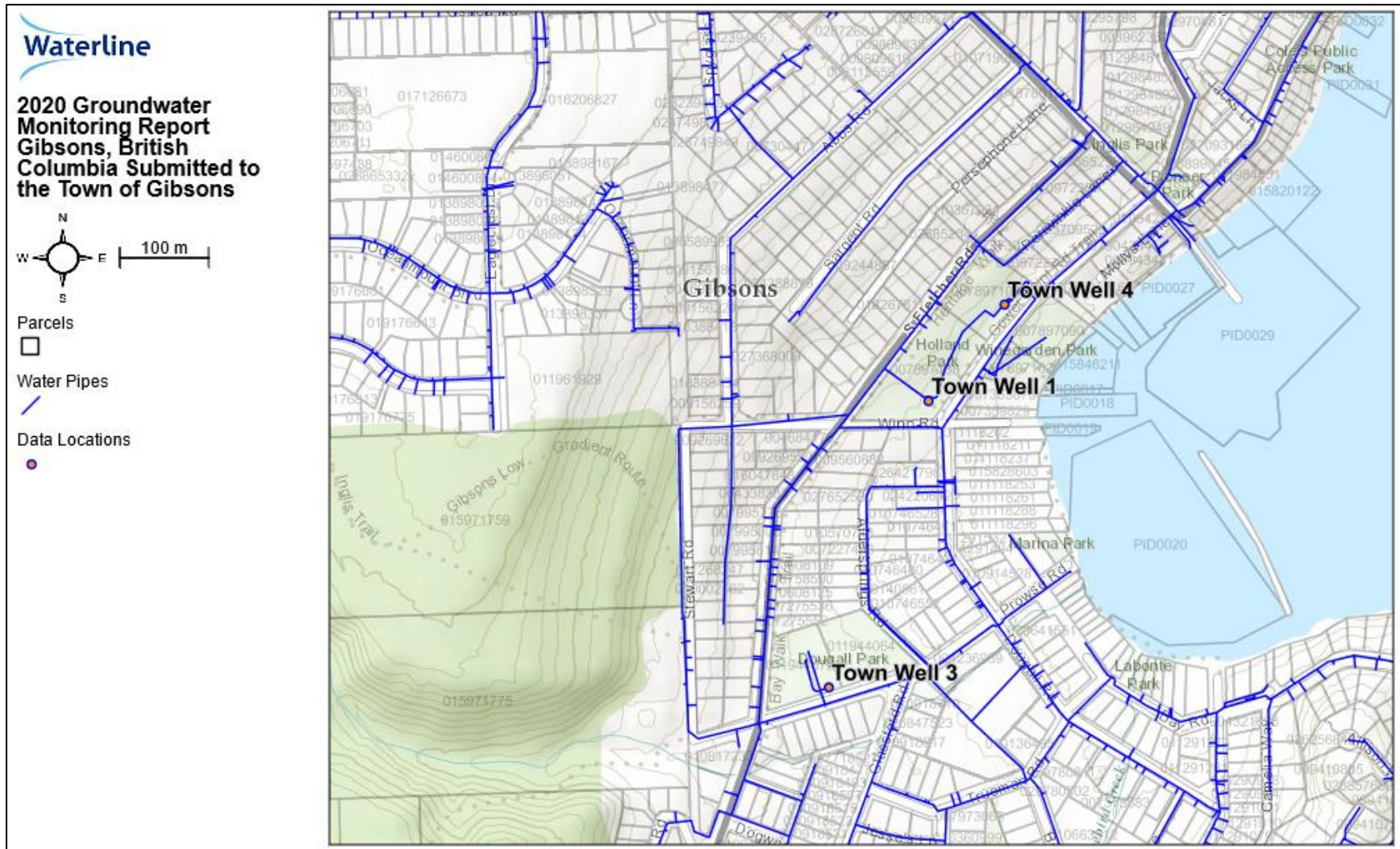


Figure 1: Location Map of the Town Water Supply Wells

## GROUNDWATER CHEMISTRY TABLES





Table 5: Total Metals

Sample Location	Sample Date	Lab ID	Aluminum (Al)-Total	Antimony (Sb)-Total	Arsenic (As)-Total	Barium (Ba)-Total	Beryllium (Be)-Total	Bismuth (Bi)-Total	Boron (B)-Total	Cadmium (Cd)-Total	Calcium (Ca)-Total	Chromium (Cr)-Total	Cobalt (Co)-Total	Copper (Cu)-Total	Iron (Fe)-Total	Lead (Pb)-Total	Lithium (Li)-Total	Magnesium (Mg)-Total	Manganese (Mn)-Total	Mercury (Hg)-Total
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines		GCDWQ AO Exceedance	-	-	-	-	-	-	-	-	-	-	-	1	0.3	-	-	-	0.02	-
		GCDWQ MAC Exceedance	-	0.006	0.01	2	-	-	5	0.007	-	0.05	-	2	-	0.005	-	-	0.12	0.001
Town Well 1	24-Sep-09	909250099	<0.005	<0.0005	<0.001	0.003	<0.0005	<0.0005	<0.025	<0.00005	8.53	<0.001	<0.0005	0.026	<0.05	<0.00025	0.0014	5.4	0.0016	<0.00002
Town Well 1	21-Aug-14	KK4618	<0.003	<0.0005	0.00406	0.0025	<0.0001	<0.001	<0.05	<0.00001	7.44	<0.001	<0.0005	0.00133	<0.01	<0.0002	<0.005	4	<0.001	<0.00005
Town Well 1	1-Oct-15	NH0186	<0.003	<0.0005	0.00383	0.0027	<0.0001	<0.001	<0.050	<0.00001	8.51	<0.001	<0.0005	0.00185	<0.005	<0.0002	<0.005	4.17	<0.001	<0.00005
Town Well 1	1-Oct-15	NH0250	<0.003	<0.0005	0.00394	0.0026	<0.0001	<0.001	<0.050	<0.00001	8.63	<0.001	<0.0005	0.00161	<0.005	<0.0002	<0.005	4.19	<0.001	<0.00005
Town Well 1	18-Oct-16	6101134-01	<0.005	<0.0001	0.004	<0.005	<0.0001	<0.0001	0.01	<0.00001	9.5	0.0011	<0.00005	0.0034	<0.01	0.0001	0.0007	4.3	<0.0002	<0.00002
Town Well 1	3-Oct-17	7100596-01	<0.005	<0.0002	0.00357	<0.005	<0.0001	<0.0001	0.0123	<0.00001	8.46	0.0011	<0.0001	0.00242	<0.01	<0.0002	0.00069	5.08	<0.0002	<0.00001
Town Well 1	19-Sep-19	9092059-08	<0.0050	<0.00020	0.00348	<0.0050	<0.00010	<0.00010	0.012	<0.000010	8.07	0.00074	<0.00010	0.00234	<0.010	<0.00020	0.00061	4.21	<0.00020	<0.000010
Town Well 1	9-Oct-20	20J0841-02	<0.0050	<0.00020	0.00389	<0.0050	<0.00010	<0.00010	<0.0500	<0.000010	9.68	0.00069	<0.00010	0.00295	<0.010	<0.00020	0.00076	4.93	<0.00020	<0.000010
Town Well 3	24-Sep-09	909250100	0.007	<0.0005	0.002	0.003	<0.0005	<0.0005	<0.025	<0.00005	8.47	<0.001	<0.0005	0.0023	<0.05	<0.00025	0.0015	6	0.002	<0.00002
Town Well 3	21-Aug-14	KK4620	<0.003	<0.0005	0.00238	0.0028	<0.0001	<0.001	<0.05	<0.00001	9.02	<0.001	<0.0005	0.00434	<0.01	0.00022	<0.005	6.35	<0.001	<0.00005
Town Well 3	1-Oct-15	NH0248	<0.003	<0.0005	0.0023	0.0029	<0.0001	<0.001	<0.050	<0.00001	9.41	<0.001	<0.0005	0.00381	<0.005	0.00037	<0.005	6.16	<0.001	<0.00005
Town Well 3	18-Oct-16	6101134-02	<0.005	<0.0001	0.0023	<0.005	<0.0001	<0.0001	0.008	<0.00001	10.5	0.0009	<0.00005	0.0085	<0.01	0.0007	0.0016	6.44	<0.0002	<0.00002
Town Well 3	3-Oct-17	7100551-01	<0.005	<0.0002	0.00228	<0.005	<0.0001	<0.0001	0.021	<0.00001	9.41	0.00073	<0.0001	0.00889	<0.01	0.00069	0.00163	7.22	<0.0002	<0.00001
Town Well 3	19-Sep-19	9092059-07	<0.0050	<0.00020	0.00214	<0.0050	<0.00010	<0.00010	0.0144	<0.000010	8.82	0.00061	<0.00010	0.00805	0.033	0.00036	0.00144	6.29	0.00089	<0.000010
Town Well 3	9-Oct-20	20J0841-01	<0.0050	<0.00020	0.00253	<0.0050	<0.00010	<0.00010	<0.0500	<0.000010	10.6	<0.00050	<0.00010	0.00773	<0.010	0.00047	0.00164	7.02	0.00089	<0.000010
Town Well 4	24-Sep-09	909250101	<0.005	<0.0005	0.002	0.002	<0.0005	<0.0005	<0.025	<0.00005	6.33	<0.001	<0.0005	<0.0005	<0.05	<0.00025	0.0006	3.7	<0.0005	<0.00002
Town Well 4	21-Aug-14	KK4621	<0.003	<0.0005	0.00361	0.0027	<0.0001	<0.001	<0.05	<0.00001	7.18	<0.001	<0.0005	0.00218	0.016	<0.0002	<0.005	4.49	<0.001	<0.00005
Town Well 4	1-Oct-15	NH0249	<0.003	<0.0005	0.00355	0.0026	<0.0001	<0.001	<0.050	<0.00001	7.69	<0.001	<0.0005	0.00193	<0.005	<0.0002	<0.005	4.48	<0.001	<0.00005
Town Well 4	18-Oct-16	6101134-03	<0.005	<0.0001	0.0022	<0.005	<0.0001	<0.0001	0.007	<0.00001	11.3	0.0009	0.00006	0.0057	0.06	0.0008	0.0016	6.23	0.008	<0.00002
Town Well 4	3-Oct-17	7100596-02	<0.005	<0.0002	0.00347	<0.005	<0.0001	<0.0001	0.0095	<0.00001	7.39	0.00108	<0.0001	0.00397	<0.01	0.00036	0.00062	5.3	0.00081	<0.00001
Town Well 4	19-Sep-19	9092059-09	<0.0050	<0.00020	0.00344	<0.0050	<0.00010	<0.00010	0.0106	<0.000010	7.2	0.00104	<0.00010	0.00208	0.035	0.00024	0.00054	4.5	<0.00020	<0.000010
Town Well 4	9-Oct-20	20J0841-03	<0.0050	<0.00020	0.00381	<0.0050	<0.00010	<0.00010	<0.0500	<0.000010	8.68	0.00108	<0.00010	0.00191	<0.010	0.00026	0.00063	5.01	<0.00020	<0.000010

Notes:  
 Guidelines - Health Canada, September 2020, Guidelines for Canadian Drinking Water Quality (GCDWQ), Summary Table.  
**Violet highlight** - Value exceeds the Aesthetic Objectives (AO).  
**Yellow highlight** - Value exceeds the Maximum Allowable Concentration (MAC).  
 mg/L means milligrams per litre.



Table 5: Total Metals

Sample Location	Sample Date	Lab ID	Molybdenum (Mo)-Total	Nickel (Ni)-Total	Phosphorus (P)-Total	Potassium (K)-Total	Selenium (Se)-Total	Silicon (Si)-Total	Silver (Ag)-Total	Sodium (Na)-Total	Strontium (Sr)-Total	Sulphur (S)-Total	Tellurium (Te)-Total	Thallium (Tl)-Total	Thorium (Th)-Total	Tin (Sn)-Total	Titanium (Ti)-Total	Tungsten (W)-Total	Uranium (U)-Total	Vanadium (V)-Total	Zinc (Zn)-Total	Zirconium (Zr)-Total
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines		GCDWQ AO Exceedance	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-	-	-	-	5	-
		GCDWQ MAC Exceedance	-	-	-	-	0.05	-	-	-	-	7	-	-	-	-	-	-	-	0.02	-	-
Town Well 1	24-Sep-09	909250099	0.0016	<0.001	<0.075	2.3	<0.001	19.1	<0.0002	6.66	0.035	<5	<0.001	<0.0001	<0.00025	<0.0005	<0.001	<0.0005	<0.00025	0.009	0.006	<0.0005
Town Well 1	21-Aug-14	KK4618	0.0021	<0.001	-	2.33	0.00062	18.3	<0.00002	5.58	0.0264	<3	-	<0.00005	-	<0.005	<0.005	-	0.00019	0.0112	<0.005	<0.0005
Town Well 1	1-Oct-15	NH0186	0.002	<0.001	-	2.47	0.00054	20.200	<0.00002	5.75	0.0273	<3	-	<0.00005	-	<0.005	<0.005	-	0.00018	0.0103	<0.005	<0.0005
Town Well 1	1-Oct-15	NH0250	0.002	<0.001	-	2.43	0.00058	19.500	<0.00002	5.87	0.0295	<3	-	<0.00005	-	<0.005	<0.005	-	0.00019	0.0107	<0.005	<0.0005
Town Well 1	18-Oct-16	6101134-01	0.0026	<0.0002	0.1	2.38	0.0006	17.9	<0.00005	5.99	0.033	<1	<0.0002	<0.00002	<0.0001	<0.0002	<0.005	-	0.0003	0.011	0.005	<0.0001
Town Well 1	3-Oct-17	7100596-01	0.0023	<0.0004	0.078	2.52	0.00068	20.5	<0.00005	6.79	0.0311	<3	<0.0005	<0.00002	<0.0001	<0.0002	<0.005	-	0.000323	0.0109	0.0041	<0.0001
Town Well 1	19-Sep-19	9092059-08	0.00212	<0.00040	0.083	2.41	0.00051	20.3	0.000058	6.04	0.0303	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000298	0.0106	0.0079	<0.00010
Town Well 1	9-Oct-20	20J0841-02	0.00227	<0.00040	0.055	2.53	0.00061	21.4	<0.000050	6.32	0.0323	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000304	0.0113	0.0053	<0.00010
Town Well 3	24-Sep-09	909250100	0.0015	<0.001	<0.075	2.4	<0.001	19.8	<0.0002	7.2	0.042	<5	<0.001	<0.0001	<0.00025	<0.0005	<0.001	<0.0005	<0.00025	0.0085	0.011	<0.0005
Town Well 3	21-Aug-14	KK4620	0.0016	<0.001	-	2.9	0.0003	21.3	<0.00002	7.64	0.0495	<3	-	<0.00005	-	<0.005	<0.005	-	0.00015	0.0095	<0.005	<0.0005
Town Well 3	1-Oct-15	NH0248	0.0015	<0.001	-	2.87	0.00032	22.000	<0.00002	7.28	0.0471	<3	-	<0.00005	-	<0.005	<0.005	-	0.00013	0.0086	<0.005	<0.0005
Town Well 3	18-Oct-16	6101134-02	0.0018	<0.0002	0.06	2.83	<0.0005	20.8	<0.00005	7.66	0.052	<1	<0.0002	<0.00002	<0.0001	<0.0002	<0.005	-	0.00018	0.01	0.013	<0.0001
Town Well 3	3-Oct-17	7100551-01	0.00161	<0.0004	0.075	3.01	<0.0005	23.4	<0.00005	8.79	0.0498	<3	<0.0005	<0.00002	<0.0001	<0.0002	<0.005	-	0.000185	0.0093	0.0046	<0.0001
Town Well 3	19-Sep-19	9092059-07	0.00147	<0.00040	0.066	2.76	<0.00050	22.8	0.000075	7.7	0.0479	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000175	0.0089	0.0081	<0.00010
Town Well 3	9-Oct-20	20J0841-01	0.00156	<0.00040	0.075	2.91	<0.00050	24.3	<0.000050	8.01	0.0512	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.00019	0.0098	0.0115	<0.00010
Town Well 4	24-Sep-09	909250101	0.0009	<0.001	<0.075	1.85	<0.001	16.2	<0.0002	4.98	0.021	<5	<0.001	<0.0001	<0.00025	<0.0005	<0.001	<0.0005	<0.00025	0.0079	<0.005	<0.0005
Town Well 4	21-Aug-14	KK4621	0.0012	<0.001	-	2.39	0.00029	18.6	<0.00002	5.73	0.0238	<3	-	<0.00005	-	<0.005	<0.005	-	0.00014	0.0092	<0.005	<0.0005
Town Well 4	1-Oct-15	NH0249	0.0013	<0.001	-	2.4	0.00034	20.500	<0.00002	5.78	0.0247	<3	-	<0.00005	-	<0.005	<0.005	-	0.00012	0.0091	<0.005	<0.0005
Town Well 4	18-Oct-16	6101134-03	0.0017	0.0002	0.07	2.77	<0.0005	19.4	<0.00005	7.46	0.05	<1	<0.0002	<0.00002	<0.0001	<0.0002	<0.005	-	0.0002	0.009	0.681	<0.0001
Town Well 4	3-Oct-17	7100596-02	0.00133	<0.0004	0.104	2.45	<0.0005	20.5	<0.00005	6.77	0.0268	<3	<0.0005	<0.00002	<0.0001	<0.0002	<0.005	-	0.000176	0.009	0.034	<0.0001
Town Well 4	19-Sep-19	9092059-09	0.00124	<0.00040	0.098	2.33	<0.00050	20.5	0.000061	6.17	0.0264	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000164	0.009	0.0199	<0.00010
Town Well 4	9-Oct-20	20J0841-03	0.00126	<0.00040	0.083	2.39	<0.00050	21	<0.000050	6.17	0.0282	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000175	0.0093	0.0048	<0.00010

Table 6: Dissolved Metals

Sample Location	Sample Date	Lab ID	Aluminum (Al)-Dissolved	Antimony (Sb)-Dissolved	Arsenic (As)-Dissolved	Barium (Ba)-Dissolved	Beryllium (Be)-Dissolved	Bismuth (Bi)-Dissolved	Boron (B)-Dissolved	Cadmium (Cd)-Dissolved	Chromium (Cr)-Dissolved	Cobalt (Co)-Dissolved	Copper (Cu)-Dissolved	Lead (Pb)-Dissolved	Lithium (Li)-Dissolved	Mercury (Hg)-Dissolved
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines			GCDWQ AO Exceedance	-	-	-	-	-	-	-	-	-	1	-	-	-
			GCDWQ MAC Exceedance	-	0.006	0.01	2	-	-	5	0.007	0.05	-	2	0.005	-
Town Well 1	13-Apr-11	AJ6964	<0.003	<0.0005	0.0039	0.002	<0.0001	<0.001	<0.05	<0.00001	<0.001	<0.0005	0.0006	0.001	-	<0.00005
Town Well 1	3-Oct-17	7100596-01	<0.005	<0.0002	0.00382	<0.005	<0.0001	<0.0001	0.0108	<0.00001	0.0006	<0.0001	0.00206	<0.0002	0.00079	-
Town Well 1	6-Feb-19	9020568-05	<0.0050	<0.00020	0.00381	0.0073	<0.00010	<0.00010	0.0067	0.000073	0.00069	<0.00010	0.00321	<0.00020	0.00073	<0.000010
Town Well 1	19-Sep-19	9092059-08	<0.0050	<0.00020	0.00373	0.0104	<0.00010	<0.00010	0.0109	<0.000010	0.00074	<0.00010	0.0032	<0.00020	0.00073	<0.000010
Town Well 1	9-Oct-20	20J0841-02	<0.0050	<0.00020	0.00383	0.0061	<0.00010	<0.00010	<0.0500	<0.000010	0.00069	<0.00010	0.00545	0.00023	0.00073	<0.000010
Town Well 3	13-Apr-11	AJ6961	<0.003	<0.0005	0.0024	0.003	<0.0001	<0.001	<0.05	0.00004	0.001	<0.0005	0.0064	0.0058	-	<0.00005
Town Well 3	3-Oct-17	7100551-01	<0.005	<0.0002	0.00251	<0.005	<0.0001	<0.0001	0.0146	<0.00001	<0.0005	<0.0001	0.00746	0.00054	0.00178	-
Town Well 3	6-Feb-19	9020568-03	<0.0050	<0.00020	0.00239	<0.0050	<0.00010	<0.00010	0.0099	<0.000010	<0.00050	<0.00010	0.012	0.00054	0.00167	<0.000010
Town Well 3	6-Feb-19	9020568-04	<0.0050	<0.00020	0.0024	<0.0050	<0.00010	<0.00010	0.0077	<0.000010	0.00057	<0.00010	0.0143	0.00087	0.00166	<0.000010
Town Well 3	19-Sep-19	9092059-07	<0.0050	<0.00020	0.00237	<0.0050	<0.00010	<0.00010	0.0124	<0.000010	0.00066	<0.00010	0.00757	0.0003	0.00161	<0.000010
Town Well 3	9-Oct-20	20J0841-01	<0.0050	<0.00020	0.00224	<0.0050	<0.00010	<0.00010	<0.0500	<0.000010	<0.00050	<0.00010	0.00696	0.00045	0.0016	<0.000010
Town Well 4	3-Oct-17	7100596-02	<0.005	<0.0002	0.00374	<0.005	<0.0001	<0.0001	0.0087	<0.00001	0.00086	<0.0001	0.00343	0.00021	0.0007	-
Town Well 4	6-Feb-19	9020568-06	<0.0050	<0.00020	0.00373	<0.0050	<0.00010	<0.00010	0.0052	<0.000010	0.0013	<0.00010	0.00525	0.00035	0.00068	<0.000010
Town Well 4	19-Sep-19	9092059-09	<0.0050	<0.00020	0.00357	0.0077	<0.00010	<0.00010	0.0089	<0.000010	0.00101	<0.00010	0.00652	0.00026	0.00065	<0.000010
Town Well 4	9-Oct-20	20J0841-03	<0.0050	<0.00020	0.00348	<0.0050	<0.00010	<0.00010	<0.0500	<0.000010	0.00097	<0.00010	0.00151	0.00027	0.0006	<0.000010

Notes:

Guidelines - Health Canada, September 2020, Guidelines for Canadian Drinking Water Quality (GCDWQ), Summary Table.

**Violet highlight** - Value exceeds the Aesthetic Objectives (AO).

**Yellow highlight** - Value exceeds the Maximum Allowable Concentration (MAC).

mg/L means milligrams per litre.



Table 6: Dissolved Metals

Sample Location	Sample Date	Lab ID	Molybdenum (Mo)-Dissolved	Nickel (Ni)-Dissolved	Phosphorus (P)-Dissolved	Selenium (Se)-Dissolved	Silicon (Si)-Dissolved	Silver (Ag)-Dissolved	Strontium (Sr)-Dissolved	Sulphur (S)-Dissolved	Tellurium (Te)-Dissolved	Thallium (Tl)-Dissolved	Thorium (Th)-Dissolved	Tin (Sn)-Dissolved	Titanium (Ti)-Dissolved	Tungsten (W)-Dissolved	Uranium (U)-Dissolved	Vanadium (V)-Dissolved	Zinc (Zn)-Dissolved	Zirconium (Zr)-Dissolved
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines		GCDWQ AO Exceedance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
		GCDWQ MAC Exceedance	-	-	-	0.05	-	-	7	-	-	-	-	-	-	-	-	0.02	-	-
Town Well 1	13-Apr-11	AJ6964	0.002	<0.001	-	0.0006	17.6	<0.00002	0.026	<3	-	<0.00005	-	<0.005	<0.005	-	0.0002	0.011	<0.005	<0.0005
Town Well 1	3-Oct-17	7100596-01	0.00239	<0.0004	<0.05	0.00065	21.7	0.000108	0.0318	<3	<0.0005	<0.00002	<0.0001	<0.0002	<0.005	-	0.000303	0.0112	0.0043	<0.0001
Town Well 1	6-Feb-19	9020568-05	0.00233	<0.00040	0.0747	0.00065	19.6	<0.000050	0.0302	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.00028	0.0107	0.014	<0.00010
Town Well 1	19-Sep-19	9092059-08	0.00221	<0.00040	0.078	0.00055	20.3	<0.000050	0.0308	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000305	0.0105	0.0093	<0.00010
Town Well 1	9-Oct-20	20J0841-02	0.00221	<0.00040	0.067	0.00057	19.6	<0.000050	0.0309	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000282	0.0102	0.0084	<0.00010
Town Well 3	13-Apr-11	AJ6961	0.001	<0.001	-	0.0003	20.5	<0.00002	0.045	<3	-	<0.00005	-	<0.005	<0.005	-	0.0001	0.009	<0.005	<0.0005
Town Well 3	3-Oct-17	7100551-01	0.00159	<0.0004	<0.05	<0.0005	25.6	0.000191	0.0514	<3	<0.0005	<0.00002	<0.0001	<0.0002	<0.005	-	0.000178	0.0097	0.0044	<0.0001
Town Well 3	6-Feb-19	9020568-03	0.00164	<0.00040	0.0749	<0.00050	23.2	<0.000050	0.0488	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000164	0.0091	0.0074	<0.00010
Town Well 3	6-Feb-19	9020568-04	0.00158	0.00051	0.0711	<0.00050	22.9	<0.000050	0.0484	<3.0	<0.00050	<0.000020	<0.00010	0.00023	<0.0050	<0.0010	0.000162	0.009	0.0132	<0.00010
Town Well 3	19-Sep-19	9092059-07	0.0014	<0.00040	0.072	<0.00050	23.5	<0.000050	0.0488	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000177	0.0088	0.007	<0.00010
Town Well 3	9-Oct-20	20J0841-01	0.0015	<0.00040	0.078	<0.00050	22.2	<0.000050	0.0474	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000178	0.0082	0.0098	<0.00010
Town Well 4	3-Oct-17	7100596-02	0.00136	<0.0004	<0.05	<0.0005	21.2	0.000083	0.0267	<3	<0.0005	<0.00002	<0.0001	<0.0002	<0.005	-	0.000163	0.0092	0.0334	<0.0001
Town Well 4	6-Feb-19	9020568-06	0.0014	<0.00040	0.0747	<0.00050	20.3	<0.000050	0.0263	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.00017	0.0089	0.0082	<0.00010
Town Well 4	19-Sep-19	9092059-09	0.0012	<0.00040	0.072	<0.00050	20.3	<0.000050	0.0263	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000172	0.0085	0.0061	<0.00010
Town Well 4	9-Oct-20	20J0841-03	0.00124	<0.00040	0.075	<0.00050	19.4	<0.000050	0.0265	<3.0	<0.00050	<0.000020	<0.00010	<0.00020	<0.0050	<0.0010	0.000166	0.0078	0.0084	<0.00010



Table 7: Microbiological Parameters

Sample Location	Sample Date	Lab ID	Microbiological Analysis			
			E. Coli*	E. Coli	Total Coliforms*	Total Coliforms
		Units	MPN/ 100mL	CFU/ 100mL	MPN/ 100mL	CFU/ 100mL
<b>Guidelines</b>		<b>GCDWQ MAC Exceedance</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Town Well 1	24-Sep-09	909250099	-	-	-	-
Town Well 1	1-Oct-15	NG8734	-	<1	-	<1
Town Well 1	1-Oct-15	NH0250	-	<1	-	<1
Town Well 1	18-Oct-16	6101134-01	<2	-	<2	-
Town Well 1	19-Sep-19	9092059-08	<2	-	<2	-
Town Well 1	9-Oct-20	20J0841-02	<1.8	-	<1.8	-
Town Well 3	24-Sep-09	909250100	-	-	-	-
Town Well 3	1-Oct-15	NG8735	-	<1	-	<1
Town Well 3	18-Oct-16	6101134-02	<2	-	<2	-
Town Well 3	19-Sep-19	9092059-07	<2	-	<2	-
Town Well 3	9-Oct-20	20J0841-01	<1.8	-	<1.8	-
Town Well 4	24-Sep-09	909250101	-	-	-	-
Town Well 4	1-Oct-15	NG8736	-	<1	-	<1
Town Well 4	18-Oct-16	6101134-03	<2	-	<2	-
Town Well 4	19-Sep-19	9092059-09	<2	-	<2	-
Town Well 4	9-Oct-20	20J0841-03	<1.8	-	<1.8	-

**Notes:**

Guidelines - Health Canada, September 2020, Guidelines for Canadian Drinking Water Quality (GCDWQ), Summary Table.

\* In 2020 the laboratory reporting limit (RL) for E. Coli and Total Coliform was 1.8 MPN/100mL.

Laboratory results that were less than the laboratory reporting limit (RL) and greater than the applied guidelines are not shown as exceedances.

**Yellow highlight** - Value exceeds the Maximum Allowable Concentration (MAC).

**MPN/100 mL** means most probably number per 100 millilitres; **CFU/100 mL** means Colony Forming Unit per 100 millilitres.

Table 8: Petroleum Hydrocarbons

Sample Location	Sample Date	Lab ID	Hydrocarbons									
			Styrene	m+p-Xylene	Benzene	Ethylbenzene	F1 (C6-C10) - BTEX	F2 (C10-C16)	F3 (C16-C34)	F4 (C34-C50)	Toluene	Xylenes
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines		GCDWQ AO Exceedance	-	-	-	0.0016	-	-	-	-	0.024	0.02
		GCDWQ MAC Exceedance	-	-	0.005	0.14	-	-	-	-	0.06	0.09
Town Well 1	9-Oct-13	HU3114	<0.0005	<0.0004	<0.0004	<0.0004	<0.300	-	-	-	<0.0004	<0.0004
Town Well 1	1-Oct-15	NH0186	<0.0005	<0.0004	<0.0004	<0.0004	<0.300	<0.15	<0.2	<0.2	<0.0004	<0.0004
Town Well 1	3-Oct-17	7100596-01	<0.001	-	<0.0005	<0.001	-	<0.4	<0.4	<0.4	<0.001	<0.002
Town Well 1	9-Oct-20	20J0841-02	<0.0010	-	<0.0005	<0.0010	<0.104	<0.40	<0.40	<0.40	<0.0010	<0.0020
Town Well 3	9-Oct-13	HU3113	<0.0005	<0.0004	<0.0004	<0.0004	<0.300	-	-	-	<0.0004	<0.0004
Town Well 3	1-Oct-15	NH0248	<0.0005	<0.0004	<0.0004	<0.0004	<0.300	<0.15	<0.2	<0.2	<0.0004	<0.0004
Town Well 3	3-Oct-17	7100551-01	<0.001	-	<0.0005	<0.001	-	<0.4	<0.4	<0.4	<0.001	<0.002
Town Well 3	9-Oct-20	20J0841-01	<0.0010	-	<0.0005	<0.0010	<0.104	<0.40	<0.40	<0.40	<0.0010	<0.0020
Town Well 4	9-Oct-13	HU0593	<0.0005	<0.0004	<0.0004	<0.0004	<0.300	-	-	-	<0.0004	<0.0004
Town Well 4	1-Oct-15	NH0249	<0.0005	<0.0004	<0.0004	<0.0004	<0.300	<0.15	<0.2	<0.2	<0.0004	<0.0004
Town Well 4	3-Oct-17	7100596-02	<0.001	-	<0.0005	<0.001	-	<0.4	<0.4	<0.4	<0.001	<0.002
Town Well 4	9-Oct-20	20J0841-03	<0.0010	-	<0.0005	<0.0010	<0.104	<0.40	<0.40	<0.40	<0.0010	<0.0020

**Notes:**

Guidelines - Health Canada, September 2020, Guidelines for Canadian Drinking Water Quality (GCDWQ), Summary Table.

**Violet highlight** - Value exceeds the Aesthetic Objectives (AO).

**Yellow highlight** - Value exceeds the Maximum Allowable Concentration (MAC).

mg/L means milligrams per litre.

Table 9: Pesticides

Sample Location			Town Well 1	Town Well 1	Town Well 3	Town Well 3	Town Well 3	Town Well 4	Town Well 4
Sample Date			1-Oct-15	9-Oct-20	1-Oct-15	3-Oct-17	9-Oct-20	1-Oct-15	9-Oct-20
Lab ID			BCM190	20J0841-02	BCM191	7100551-01	20J0841-01	BCZ500	20J0841-03
Parameters	Units	Guidelines							
		GCDWQ MAC Exceedance							
2,4,5-Trichlorophenoxyacetic Acid	mg/L	-	-	<0.00010	-	-	<0.00010	-	<0.00010
2,4-Dichlorophenoxyacetic Acid	mg/L	0.1	-	<0.00010	-	-	<0.00010	-	<0.00010
Alachlor	mg/L	-	-	<0.000100	-	<0.0001	<0.000100	-	<0.000100
Aldrin	mg/L	-	<0.000005	<0.000006	<0.000005	<0.000006	<0.000006	<0.000005	<0.000006
Aldrin + Dieldrin	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
Ametryn	mg/L	-	<0.0025	-	<0.0025	-	-	<0.0025	-
Atrazine	mg/L	0.005	<0.001	-	<0.001	-	-	<0.001	-
Atrazine and metabolites	ug/L	-	-	<0.100	-	<0.1	<0.100	-	<0.100
Azinphos-methyl	mg/L	0.2	-	<0.000200	-	<0.0002	<0.000200	-	<0.000200
Bromacil	mg/L	-	-	<0.000100	-	<0.0001	<0.000100	-	<0.000100
Bromoxynil	mg/L	0.005	-	<0.000200	-	<0.0002	<0.000200	-	<0.000200
Butachlor	ug/L	-	-	<0.020	-	<0.02	<0.020	-	<0.020
Captan	ug/L	-	-	<0.100	-	<0.1	<0.100	-	<0.100
Chlordane (cis + trans)	ug/L	-	-	<0.050	-	<0.05	<0.050	-	<0.050
Chlordane-Total	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
Chlorothalonil	ug/L	-	-	<0.050	-	<0.05	<0.050	-	<0.050
Chlorpyrifos	mg/L	0.09	-	<0.000010	-	<0.00001	<0.000010	-	<0.000010
Cyanazine	mg/L	-	<0.0025	<0.000100	<0.0025	<0.0001	<0.000100	<0.0025	<0.000100
DDT + metabolites	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
DDT, Total	ug/L	-	-	<0.010	-	<0.01	<0.010	-	<0.010
Deltamethrin	ug/L	-	-	<0.100	-	<0.1	<0.100	-	<0.100
Diazinon	mg/L	0.02	-	<0.000020	-	<0.00002	<0.000020	-	<0.000020
Dicamba	mg/L	0.12	-	<0.00010	-	-	<0.00010	-	<0.00010
Dichlorvos	ug/L	-	-	<0.100	-	<0.1	<0.100	-	<0.100
Diclofop-methyl	mg/L	0.009	-	<0.000100	-	<0.0001	<0.000100	-	<0.000100
Dieldrin	mg/L	-	<0.000005	<0.000010	<0.000005	<0.00001	<0.000010	<0.000005	<0.000010
Dimethoate	mg/L	0.02	-	<0.000200	-	<0.0002	<0.000200	-	<0.000200
Dinoseb	mg/L	-	-	<0.00010	-	-	<0.00010	-	<0.00010
Disulfoton	ug/L	-	-	<0.100	-	<0.1	<0.100	-	<0.100
Diuron	mg/L	0.15	-	<0.000200	-	<0.0002	<0.000200	-	<0.000200
Endosulfan I (alpha)	ug/L	-	<0.005	-	<0.005	-	-	<0.005	-
Endosulfan I + II	ug/L	-	-	<0.010	-	<0.01	<0.010	-	<0.010
Endosulfan Sulfate	mg/L	-	<0.000005	<0.000050	<0.000005	<0.00005	<0.000050	<0.000005	<0.000050
Endrin	mg/L	-	<0.000005	<0.000020	<0.000005	<0.00002	<0.000020	<0.000005	<0.000020

Sample Location		Town Well 1	Town Well 1	Town Well 3	Town Well 3	Town Well 3	Town Well 4	Town Well 4	
Sample Date		1-Oct-15	9-Oct-20	1-Oct-15	3-Oct-17	9-Oct-20	1-Oct-15	9-Oct-20	
Lab ID		BCM190	20J0841-02	BCM191	7100551-01	20J0841-01	BCZ500	20J0841-03	
Parameters	Units	Guidelines							
		GCDWQ MAC Exceedance							
Endrin Aldehyde	mg/L	-	-	<0.000020	-	<0.00002	<0.000020	-	<0.000020
Endrin Ketone	mg/L	-	<0.000005	<0.000020	<0.000005	<0.00002	<0.000020	<0.000005	<0.000020
Fenchlorphos (Ronnel)	ug/L	-	-	<0.100	-	<0.1	<0.100	-	<0.100
Heptachlor	mg/L	-	<0.000005	<0.000010	<0.000005	<0.00001	<0.000010	<0.000005	<0.000010
Heptachlor + Heptachlor epoxide	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
Heptachlor Epoxide	mg/L	-	<0.000005	<0.000010	<0.000005	<0.00001	<0.000010	<0.000005	<0.000010
Lindane	mg/L	-	<0.000003	<0.000050	<0.000003	<0.00005	<0.000050	<0.000003	<0.000050
Linuron	mg/L	-	-	<0.000050	-	<0.00005	<0.000050	-	<0.000050
MCPA	mg/L	0.1	-	<0.00020	-	-	<0.00020	-	<0.00020
Malathion	mg/L	0.19	-	<0.000100	-	<0.0001	<0.000100	-	<0.000100
Methoxychlor	mg/L	-	<0.00001	<0.000050	<0.00001	<0.00005	<0.000050	<0.00001	<0.000050
Methyl Parathion	mg/L	-	-	<0.000100	-	<0.0001	<0.000100	-	<0.000100
Metolachlor	mg/L	0.05	-	<0.000100	-	<0.0001	<0.000100	-	<0.000100
Metribuzin	mg/L	0.08	<0.0025	<0.000200	<0.0025	<0.0002	<0.000200	<0.0025	<0.000200
Mirex	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
Octachlorostyrene	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
Oxychlorodane	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
Parathion	mg/L	-	-	<0.000100	-	<0.0001	<0.000100	-	<0.000100
Pentachloronitrobenzene	ug/L	-	-	<0.100	-	<0.1	<0.100	-	<0.100
Permethrin (cis + trans)	ug/L	-	-	<0.010	-	<0.01	<0.010	-	<0.010
Phorate	mg/L	0.002	-	<0.000100	-	<0.0001	<0.000100	-	<0.000100
Picloram	mg/L	0.19	-	<0.00010	-	-	<0.00010	-	<0.00010
Prometon	mg/L	-	<0.0005	<0.000300	<0.0005	<0.0003	<0.000300	<0.0005	<0.000300
Prometryne	mg/L	-	<0.0025	<0.000100	<0.0025	<0.0001	<0.000100	<0.0025	<0.000100
Propazine	mg/L	-	<0.0025	-	<0.0025	-	-	<0.0025	-
Simazine	mg/L	0.01	<0.0025	<0.000200	<0.0025	<0.0002	<0.000200	<0.0025	<0.000200
Simetryn	mg/L	-	<0.0005	-	<0.0005	-	-	<0.0005	-
Sulfotep	ug/L	-	-	<0.100	-	<0.1	<0.100	-	<0.100
Tebuthiuron	mg/L	-	-	<0.000200	-	<0.0002	<0.000200	-	<0.000200
Temephos	mg/L	-	-	<0.000500	-	<0.0005	<0.000500	-	<0.000500
Terbufos	mg/L	0.001	-	<0.000100	-	<0.0001	<0.000100	-	<0.000100
Terbutryn	mg/L	-	<0.0005	-	<0.0005	-	-	<0.0005	-
Total Endosulfan	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
Total Trichlorobenzenes	mg/L	-	<0.0005	-	<0.0005	-	-	<0.0005	-
Toxaphene	mg/L	-	<0.0002	-	<0.0002	-	-	<0.0002	-

Sample Location		Town Well 1	Town Well 1	Town Well 3	Town Well 3	Town Well 3	Town Well 4	Town Well 4	
Sample Date		1-Oct-15	9-Oct-20	1-Oct-15	3-Oct-17	9-Oct-20	1-Oct-15	9-Oct-20	
Lab ID		BCM190	20J0841-02	BCM191	7100551-01	20J0841-01	BCZ500	20J0841-03	
Parameters	Units	Guidelines							
		GCDWQ MAC Exceedance							
Triallate	mg/L	-	-	<0.000100	-	<0.0001	<0.000100	-	<0.000100
Trifluralin	mg/L	0.045	-	<0.000200	-	<0.0002	<0.000200	-	<0.000200
a-Chlordane	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
alpha-BHC	mg/L	-	<0.000005	<0.000010	<0.000005	<0.00001	<0.000010	<0.000005	<0.000010
alpha-Endosulfan	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
beta-BHC	mg/L	-	<0.000005	<0.000050	<0.000005	<0.00005	<0.000050	<0.000005	<0.000050
beta-Endosulfan	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
delta-BHC	mg/L	-	<0.000005	<0.000050	<0.000005	<0.00005	<0.000050	<0.000005	<0.000050
g-Chlordane	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
op-DDD	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
op-DDD + pp-DDD	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
op-DDE	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
op-DDE + pp-DDE	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
op-DDT	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
op-DDT + pp-DDT	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
pp-DDD	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
pp-DDE	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-
pp-DDT	mg/L	-	<0.000005	-	<0.000005	-	-	<0.000005	-

**Notes:**

Guidelines - Health Canada, September 2020, Guidelines for Canadian Drinking Water Quality (GCDWQ), Summary Table.

**Yellow highlight** - Value exceeds the Maximum Allowable Concentration (MAC).

**ug/L** means micrograms per litre; **mg/L** means milligrams per litre.

Table 10: Volatile Organic Carbon

Sample Location		Town Well 1	Town Well 1	Town Well 1	Town Well 1	Town Well 1	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 3	
Sample Date		9-Oct-13	1-Oct-15	1-Oct-15	3-Oct-17	9-Oct-20	9-Oct-13	1-Oct-15	1-Oct-15	3-Oct-17	9-Oct-20	9-Oct-13	1-Oct-15	1-Oct-15	3-Oct-17	9-Oct-20	9-Oct-13	1-Oct-15	1-Oct-15
Lab ID		HU3114	BCM190	NH0186	7100596-01	20J0841-02	HU3113	BCM191	NH0248	7100551-01	20J0841-01	HU0593	BCZ500	NH0249	7100596-02	20J0841-03			
Parameter	Units	Guidelines																	
		GCDWQ AO Exceedance	GCDWQ MAC Exceedance																
1,1,1,2-Tetrachloroethane	mg/L	-	-	<0.0005	-	-	-	-	-	<0.0005	-	-	-	-	-	<0.0005	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	<0.0005	<0.001	<0.0010	-	-	-	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.001	<0.0010	-	-
1,1,2,2-Tetrachloroethane	mg/L	-	-	<0.0005	<0.0005	<0.0005	-	-	-	<0.0005	<0.0005	<0.0005	-	-	<0.0005	<0.0005	<0.0005	-	-
1,1,2-Trichloroethane	mg/L	-	-	<0.0005	<0.001	<0.0010	-	-	-	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.001	<0.0010	-	-
1,1,2Trichloro-1,2,2Trifluoroethane	mg/L	-	-	<0.002	-	-	-	-	-	<0.002	-	-	-	-	<0.002	-	-	-	-
1,1-Dichloroethane	mg/L	-	-	<0.0005	<0.001	<0.0010	-	-	-	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.001	<0.0010	-	-
1,1-Dichloroethene	mg/L	-	-	<0.0005	-	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-
1,1-Dichloroethylene	mg/L	-	-	-	<0.001	<0.0010	-	-	-	-	<0.001	<0.0010	-	-	-	<0.001	<0.0010	-	-
1,2,3,4-Tetrachlorobenzene	mg/L	-	<0.0005	-	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	-
1,2,3,5-Tetrachlorobenzene	mg/L	-	<0.0005	-	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	-
1,2,3-Trichlorobenzene	mg/L	-	<0.0005	<0.002	-	-	-	-	<0.0005	<0.002	-	-	-	<0.0005	<0.002	-	-	-	-
1,2,4,5-Tetrachlorobenzene	mg/L	-	<0.0005	-	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	<0.0005	<0.002	-	-	-	-	<0.0005	<0.002	-	-	-	<0.0005	<0.002	-	-	-	-
1,2-Dibromoethane	mg/L	-	-	<0.0002	<0.0003	<0.0003	-	-	-	<0.0002	<0.0003	<0.0003	-	-	<0.0002	<0.0003	<0.0003	-	-
1,2-Dichlorobenzene	mg/L	0.003	0.2	<0.0005	<0.0005	<0.0005	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	-	<0.0005	<0.0005	<0.0005	-	-
1,2-Dichloroethane	mg/L	-	0.005	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.001	<0.0010	-	-	-
1,2-Dichloropropane	mg/L	-	-	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.001	<0.0010	-	-	-
1,3,5-Trichlorobenzene	mg/L	-	<0.0005	-	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	-	<0.0005	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.0005	<0.001	<0.0010	-
1,3-Dichloropropene (cis + trans)	ug/L	-	-	-	<1	<1.0	-	-	-	-	<1	<1.0	-	-	-	<1	<1.0	-	-
1,4-Dichlorobenzene	mg/L	0.001	0.005	<0.0005	<0.0005	<0.001	<0.0010	-	<0.0005	<0.0005	<0.001	<0.0010	-	<0.0005	<0.0005	<0.001	<0.0010	-	-
2,4-Dinitrotoluene	mg/L	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	-
3,3"-Dichlorobenzidine	mg/L	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	<0.0003	-	-	-	-	<0.0003	-	-	-	-	<0.0003	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	-
Biphenyl	mg/L	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	-
Bis(2-chloroethoxy)methane	mg/L	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	-
Bis(2-chloroisopropyl)ether	mg/L	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	-
Bromodichloromethane	mg/L	-	0.1	<0.001	<0.001	<0.001	<0.0010	<0.001	-	<0.001	<0.001	<0.0010	<0.001	-	<0.001	<0.001	<0.0010	<0.001	<0.0010
Bromoform	mg/L	-	0.1	<0.001	<0.001	<0.001	<0.0010	<0.001	-	<0.001	<0.001	<0.0010	<0.001	-	<0.001	<0.001	<0.0010	<0.001	<0.0010
Bromomethane	mg/L	-	-	<0.001	-	-	-	-	<0.001	-	-	-	-	<0.001	-	-	-	-	-
Carbon Tetrachloride	mg/L	-	0.002	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0005
Chlorobenzene	mg/L	0.03	0.08	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.001	<0.0010	-	-	<0.0005
Chloroethane	mg/L	-	-	<0.001	<0.002	<0.0020	-	-	<0.001	<0.002	<0.0020	-	-	<0.001	<0.002	<0.0020	-	-	<0.0020
Chloroform	mg/L	-	0.1	<0.001	<0.001	<0.0010	<0.001	<0.001	-	<0.001	<0.001	<0.0010	<0.001	-	<0.001	<0.001	<0.0010	<0.001	<0.0010
Chloromethane	mg/L	-	-	<0.001	-	-	-	-	<0.001	-	-	-	-	<0.001	-	-	-	-	-
Dibromochloromethane	mg/L	-	0.1	<0.001	<0.001	<0.001	<0.0010	<0.001	-	<0.001	<0.001	<0.0010	<0.001	-	<0.001	<0.001	<0.0010	<0.001	<0.0010
Dibromomethane	mg/L	-	-	<0.001	<0.001	<0.0010	-	-	<0.001	<0.001	<0.0010	-	-	<0.001	<0.001	<0.0010	-	-	<0.0010
Dichlorodifluoromethane	mg/L	-	-	<0.002	<0.002	-	-	-	<0.002	<0.002	-	-	-	<0.002	<0.002	-	-	-	<0.002
Dichloromethane	mg/L	-	0.05	<0.002	<0.003	<0.0030	-	-	<0.002	<0.003	<0.0030	-	-	<0.002	<0.003	<0.0030	-	-	<0.0030
Diphenyl Ether	mg/L	-	-	<0.0003	-	-	-	-	<0.0003	-	-	-	-	<0.0003	-	-	-	-	<0.0003



Table 10: Volatile Organic Carbon

Sample Location		Town Well 1	Town Well 1	Town Well 1	Town Well 1	Town Well 1	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 3	Town Well 4	Town Well 4	Town Well 4	Town Well 4	Town Well 4	
Sample Date		9-Oct-13	1-Oct-15	1-Oct-15	3-Oct-17	9-Oct-20	9-Oct-13	1-Oct-15	1-Oct-15	3-Oct-17	9-Oct-20	9-Oct-13	1-Oct-15	1-Oct-15	3-Oct-17	9-Oct-20			
Lab ID		HU3114	BCM190	NH0186	7100596-01	20J0841-02	HU3113	BCM191	NH0248	7100551-01	20J0841-01	HU0593	BCZ500	NH0249	7100596-02	20J0841-03			
Parameter	Units	Guidelines																	
		GCDWQ AO Exceedance	GCDWQ MAC Exceedance																
Hexachlorobutadiene	mg/L	-	-	-	<0.0004	<0.0005	-	-	-	<0.0004	<0.0005	-	-	-	<0.0004	<0.0005	-	-	
Hexachlorocyclopentadiene	mg/L	-	-	-	<0.002	-	-	-	-	<0.002	-	-	-	-	<0.002	-	-	-	
Hexachloroethane	mg/L	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	
Isophorone	mg/L	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	
Methyl tert-butyl ether	mg/L	0.015	-	<0.004	-	<0.004	<0.001	<0.0010	<0.004	-	<0.004	<0.001	<0.0010	<0.004	-	<0.004	<0.001	<0.0010	
Nitrobenzene	mg/L	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	
Pentachlorobenzene	mg/L	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	
Tetrachloroethene	mg/L	-	0.03	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	
Tetrachloroethylene	ug/L	-	-	-	-	-	<1	<1.0	-	-	-	<1	<1.0	-	-	-	<1	<1.0	
Trichloroethene	mg/L	-	0.01	-	-	<0.0005	-	-	-	-	<0.0005	-	-	-	-	<0.0005	-	-	
Trichloroethylene	mg/L	-	-	-	-	-	<0.001	<0.0010	-	-	-	<0.001	<0.0010	-	-	-	<0.001	<0.0010	
Trichlorofluoromethane	mg/L	-	-	-	-	<0.004	<0.001	<0.0010	-	<0.004	<0.001	<0.001	<0.0010	-	<0.004	<0.001	<0.001	<0.0010	
Vinyl Chloride	mg/L	-	0.002	-	-	<0.0005	<0.001	<0.0010	-	<0.0005	<0.001	<0.001	<0.0010	-	<0.0005	<0.001	<0.001	<0.0010	
cis-1,2-Dichloroethene	mg/L	-	-	-	-	<0.001	<0.001	<0.0010	-	<0.001	<0.001	<0.001	<0.0010	-	<0.001	<0.001	<0.001	<0.0010	
cis-1,3-Dichloropropene	mg/L	-	-	-	-	<0.001	-	-	-	<0.001	-	-	-	-	<0.001	-	-	-	
p-Chloroaniline	mg/L	-	-	-	<0.001	-	-	-	-	<0.001	-	-	-	-	<0.001	-	-	-	
trans-1,2-Dichloroethene	mg/L	-	-	-	-	<0.001	<0.001	<0.0010	-	<0.001	<0.001	<0.001	<0.0010	-	<0.001	<0.001	<0.001	<0.0010	
trans-1,3-Dichloropropene	mg/L	-	-	-	-	<0.001	-	-	-	<0.001	-	-	-	-	<0.001	-	-	-	

Notes:

negative depths to groundwater are above ground level (magl)

Violet highlight - Value exceeds the Aesthetic Objectives (AO).

Yellow highlight - Value exceeds the Maximum Allowable Concentration (MAC).

mg/L means milligrams per litre.





Table 11: Semi-Volatiles

Sample Location	Sample Date	Lab ID	PAHs																
			2-Methylnaphthalene	Acridine	Perylene	Quinoline	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b&j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
<b>Guidelines</b>		<b>GCDWQ MAC Exceedance</b>	-	-	-	-	-	-	-	-	-	-	-	0.00004	-	-	-	-	-
Town Well 1	9-Oct-13	HU3114	<0.0005	-	<0.0007	-	-	<0.0005	-	<0.0009	<0.0009	<0.0008	<0.0007	<0.0007	<0.0007	<0.0008	<0.0007	<0.0009	<0.0008
Town Well 1	1-Oct-15	BCM190	<0.0002	-	<0.0002	-	<0.001	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Town Well 1	9-Oct-20	20J0841-02	<0.000100	<0.000050	-	<0.000050	-	<0.000100	<0.000100	<0.000050	<0.000200	<0.000010	<0.000010	<0.000010	<0.000050	<0.000050	<0.000050	<0.000050	<0.000010
Town Well 3	9-Oct-13	HU3113	<0.0005	-	<0.0007	-	-	<0.0005	-	<0.0009	<0.0009	<0.0008	<0.0007	<0.0007	<0.0007	<0.0008	<0.0007	<0.0009	<0.0008
Town Well 3	1-Oct-15	BCM191	<0.0002	-	<0.0002	-	<0.001	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Town Well 3	9-Oct-20	20J0841-01	<0.000100	<0.000050	-	<0.000050	-	<0.000100	<0.000100	<0.000050	<0.000200	<0.000010	<0.000010	<0.000010	<0.000050	<0.000050	<0.000050	<0.000050	<0.000010
Town Well 4	9-Oct-13	HU0593	<0.0005	-	<0.0007	-	-	<0.0005	-	<0.0009	<0.0009	<0.0008	<0.0007	<0.0007	<0.0007	<0.0008	<0.0007	<0.0009	<0.0008
Town Well 4	1-Oct-15	BCZ500	<0.0002	-	<0.0002	-	<0.001	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Town Well 4	9-Oct-20	20J0841-03	<0.000100	<0.000050	-	<0.000050	-	<0.000100	<0.000100	<0.000050	<0.000200	<0.000010	<0.000010	<0.000010	<0.000050	<0.000050	<0.000050	<0.000050	<0.000010

**Notes:**

Guidelines - Health Canada, September 2020, Guidelines for Canadian Drinking Water Quality (GCDWQ), Summary Table.  
Laboratory results that were less than detection limits and greater than the applied guidelines are not shown as exceedances.

**Yellow highlight** - Value exceeds the Maximum Allowable Concentration (MAC).

mg/L means milligrams per litre.

Table 11: Semi-Volatiles

Sample Location	Sample Date	Lab ID								Amines		Phthalates					
			Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	N-Nitroso-di-n-propylamine	Nitrosodiphenylamine/Diphenylamine	Benzyl Butyl Phthalate	Bis(2-ethylhexyl)phthalate	Di-N-Butyl Phthalate	Di-N-Octyl Phthalate	Diethyl Phthalate	Dimethyl Phthalate	
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
<b>Guidelines</b>		<b>GCDWQ MAC Exceedance</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Town Well 1	9-Oct-13	HU3114	<0.0008	<0.0009	<0.0007	<0.0007	<0.0008	<0.0008	-	-	-	-	-	-	-	-	
Town Well 1	1-Oct-15	BCM190	<0.0002	<0.0002	<0.0002	0.0003	<0.0002	<0.0002	<0.0005	<0.001	<0.0005	<0.002	<0.002	<0.0008	<0.001	<0.001	
Town Well 1	9-Oct-20	20J0841-02	<0.000030	<0.000050	<0.000050	<0.000200	<0.000100	<0.000020	-	-	-	-	-	-	-	-	
Town Well 3	9-Oct-13	HU3113	<0.0008	<0.0009	<0.0007	<0.0007	<0.0008	<0.0008	-	-	-	-	-	-	-	-	
Town Well 3	1-Oct-15	BCM191	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.001	<0.0005	<0.002	<0.002	<0.0008	<0.001	<0.001	
Town Well 3	9-Oct-20	20J0841-01	<0.000030	<0.000050	<0.000050	<0.000200	<0.000100	<0.000020	-	-	-	-	-	-	-	-	
Town Well 4	9-Oct-13	HU0593	<0.0008	<0.0009	<0.0007	<0.0007	<0.0008	<0.0008	-	-	-	-	-	-	-	-	
Town Well 4	1-Oct-15	BCZ500	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.001	<0.0005	<0.002	<0.002	<0.0008	<0.001	<0.001	
Town Well 4	9-Oct-20	20J0841-03	<0.000030	<0.000050	<0.000050	<0.000200	<0.000100	<0.000020	-	-	-	-	-	-	-	-	