

**Table 1: Monitoring Well Location Details**

Location	UTM Coordinates			Depth		Elevation (masl)				Formation Screened	Installation Date	Comments
	Grid Zone	Easting	Northing	Borehole (mbgl)	Well (mbtoc)	Ground	Top of Casing	Screen				
								Top	Bottom			
Town Well 1	10	463057	5472034	42.0	23.28	12.72	13.14	-7.09	-10.14	Pre-Vashon	1966-04-01	Gower Pt Rd; Well ID #50683
Town Well 3	10	462943	5471715	24.7	22.80	18.50	16.60	-3.15	-6.20	Pre-Vashon	1984-08-30	Dougall Park; Well ID #50676
Town Well 4	10	463143	5472141	19.5	15.40	13.00	12.12	0.32	-3.28	Pre-Vashon	2000-09-30	Gower Pt Rd; Well ID #50675

**Notes:**

- mbgl** indicates metres below ground level.
- mbtoc** indicates metres below top of casing.
- masl** indicates metres above sea level.
- negative elevations are below sea level (mbsl)
- UTM Coordinates NAD 83.



Table 2: Summary of 2020 Analytical Program

Location	Field Sample ID	Sample Matrix	Date	Lab ID	Sampling Method	Analytical Groups									Comments
						Routine Program				Enhanced Program					
						Field	General Chemistry	Dissolved Metals	Total Metals	Microbiological Analysis	Petroleum Hydrocarbons	Pesticides	Volatiles	Semi-Volatiles	
Town Well 1	1578201009012	Water	2020-10-09	20J0841-02	ESP	X	X	X	X	X	X	X	X	X	
Town Well 3	1578201009011	Water	2020-10-09	20J0841-01	ESP	X	X	X	X	X	X	X	X	X	
Town Well 4	1578201009013	Water	2020-10-09	20J0841-03	ESP	X	X	X	X	X	X	X	X	X	

**Notes:**

ESP means Electrical Submersible Pump



**Table 3: Fluid Level Data**

Location	Depth to Water		Elevation (masl)			Comments
	mbtoc	mbgl	TOC	Ground	Water	
Town Well 1*	-0.60	-1.02	13.14	12.72	13.74	Pressure gauge reading = 0.9 PSI above top of casing under non pumping conditions.
Town Well 3*	-2.78	-0.88	16.60	18.50	19.38	Pressure gauge reading = 3.9 PSI above top of casing flange under non pumping conditions. Electrical Conductivity sensor successfully calibrated
Town Well 4*	-2.30	-1.42	12.12	13.00	14.42	Pressure gauge reading = 6.0 PSI above top of casing under non pumping conditions.

**Notes:**

**mbtoc** indicates metres below top of well casing.

**mbgl** indicates metres below ground level.

**masl** indicates metres above sea level.

**negative** depths to groundwater are above ground level (magl)

\* indicates static water level inferred from Pressure transducer data collected for 2020







Table 7: Microbiological Parameters

Microbiological Analysis							
Sample Location	Sample Date	Field Sample ID	Lab ID	Ei Coli*	Ei 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	Town Well 1	909250099	-	-	-	-
Town Well 1	1-Oct-15	TW1	NG8734	-	<1	-	<1
Town Well 1	1-Oct-15	TW5	NH0250	-	<1	-	<1
Town Well 1	18-Oct-16	Town Well 1	6101134-01	<2	-	<2	-
Town Well 1	19-Sep-19	1578190919008	9092059-08	<2	-	<2	-
Town Well 1	9-Oct-20	1578201009012	20J0841-02	<1.8	-	<1.8	-
Town Well 3	24-Sep-09	Town Well 3	909250100	-	-	-	-
Town Well 3	1-Oct-15	TW3	NG8735	-	<1	-	<1
Town Well 3	18-Oct-16	Town Well 3	6101134-02	<2	-	<2	-
Town Well 3	19-Sep-19	1578190919007	9092059-07	<2	-	<2	-
Town Well 3	9-Oct-20	1578201009011	20J0841-01	<1.8	-	<1.8	-
Town Well 4	24-Sep-09	Town Well 4	909250101	-	-	-	-
Town Well 4	1-Oct-15	TW4	NG8736	-	<1	-	<1
Town Well 4	18-Oct-16	Town Well 4	6101134-03	<2	-	<2	-
Town Well 4	19-Sep-19	1578190919009	9092059-09	<2	-	<2	-
Town Well 4	9-Oct-20	1578201009013	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	Field Sample ID	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
<b>Guidelines</b>		<b>GCDWQ AO Exceedance</b>		-	-	-	0.0016	-	-	-	-	0.024	0.02
		<b>GCDWQ MAC Exceedance</b>		-	-	0.005	0.14	-	-	-	-	0.06	0.09
Town Well 1	9-Oct-13	TW1	HU3114	<0.0005	<0.0004	<0.0004	<0.0004	<0.300	-	-	-	<0.0004	<0.0004
Town Well 1	1-Oct-15	Town Well 1	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	Town Well 1	7100596-01	<0.001	-	<0.0005	<0.001	-	<0.4	<0.4	<0.4	<0.001	<0.002
Town Well 1	9-Oct-20	1578201009012	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	TW3	HU3113	<0.0005	<0.0004	<0.0004	<0.0004	<0.300	-	-	-	<0.0004	<0.0004
Town Well 3	1-Oct-15	Town Well 3	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	Town Well 3	7100551-01	<0.001	-	<0.0005	<0.001	-	<0.4	<0.4	<0.4	<0.001	<0.002
Town Well 3	9-Oct-20	1578201009011	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	TW4	HU0593	<0.0005	<0.0004	<0.0004	<0.0004	<0.300	-	-	-	<0.0004	<0.0004
Town Well 4	1-Oct-15	Town Well 4	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	Town Well 4	7100596-02	<0.001	-	<0.0005	<0.001	-	<0.4	<0.4	<0.4	<0.001	<0.002
Town Well 4	9-Oct-20	1578201009013	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
Field Sample ID			NH0186/TW1	1578201009012	NH0248/TW3	Town Well 3	1578201009011	NH0249/TW4	1578201009013
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
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 (Ronne)	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



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
Field Sample ID			NH0186/TW1	1578201009012	NH0248/TW3	Town Well 3	1578201009011	NH0249/TW4	1578201009013
Lab ID			BCM190	20J0841-02	BCM191	7100551-01	20J0841-01	BCZ500	20J0841-03
Parameters	Units	Guidelines							
		GCDWQ MAC Exceedance							
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	-
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 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		
Field Sample ID		TW1	NH0186/TW1	Town Well 1	Town Well 1	1578201009012	TW3	NH0248/TW3	Town Well 3	Town Well 3	1578201009011	TW4	NH0249/TW4	Town Well 4	Town Well 4	1578201009013		
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	<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	<1.0
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
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
Bromomethane	mg/L	-	-	-	<0.001	-	-	-	-	-	<0.001	-	-	-	-	<0.001	-	-



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 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		
Field Sample ID		TW1	NH0186/TW1	Town Well 1	Town Well 1	1578201009012	TW3	NH0248/TW3	Town Well 3	Town Well 3	1578201009011	TW4	NH0249/TW4	Town Well 4	Town Well 4	1578201009013		
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															
Carbon Tetrachloride	mg/L	-	0.002	-	-	<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
Chloroethane	mg/L	-	-	-	-	<0.001	<0.002	<0.0020	-	-	<0.001	<0.002	<0.0020	-	-	<0.001	<0.002	<0.0020
Chloroform	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
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
Dibromomethane	mg/L	-	-	-	-	-	<0.001	<0.0010	-	-	-	<0.001	<0.0010	-	-	-	<0.001	<0.0010
Dichlorodifluoromethane	mg/L	-	-	-	-	<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
Diphenyl Ether	mg/L	-	-	-	<0.0003	-	-	-	-	<0.0003	-	-	-	-	<0.0003	-	-	-
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	<0.0010	-	-	<0.004	<0.001	<0.0010
Vinyl Chloride	mg/L	-	0.002	-	-	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.001	<0.0010	-	-	<0.0005	<0.001	<0.0010
cis-1,2-Dichloroethene	mg/L	-	-	-	-	<0.001	<0.001	<0.0010	-	-	<0.001	<0.001	<0.0010	-	-	<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	<0.0010	-	-	<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	Field Sample ID	Lab ID	PAHs																							Amines		Phthalates					
				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	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	GCDWQ MAC Exceedance	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	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		
Town Well 1	9-Oct-13	TW1	HU3114	<0.0005	-	<0.0007	-	<0.0005	-	<0.0009	<0.0009	<0.0008	<0.0007	<0.0007	<0.0007	<0.0007	<0.0008	<0.0007	<0.0009	<0.0008	<0.0008	<0.0009	<0.0007	<0.0007	<0.0008	<0.0008	-	-	-	-	-	-	-	
Town Well 1	1-Oct-15	NH0186/TW1	BCM190	<0.0002	-	<0.0002	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<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	1578201009012	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	<0.000050	<0.000030	<0.000050	<0.000050	<0.000200	<0.000100	<0.000020	-	-	-	-	-	-	-	
Town Well 3	9-Oct-13	TW3	HU3113	<0.0005	-	<0.0007	-	<0.0005	-	<0.0009	<0.0009	<0.0008	<0.0007	<0.0007	<0.0007	<0.0007	<0.0008	<0.0007	<0.0009	<0.0008	<0.0008	<0.0009	<0.0007	<0.0007	<0.0008	<0.0008	-	-	-	-	-	-	-	
Town Well 3	1-Oct-15	NH0248/TW3	BCM191	<0.0002	-	<0.0002	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<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	1578201009011	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	<0.000050	<0.000030	<0.000050	<0.000050	<0.000200	<0.000100	<0.000020	-	-	-	-	-	-	-	
Town Well 4	9-Oct-13	TW4	HU0593	<0.0005	-	<0.0007	-	<0.0005	-	<0.0009	<0.0009	<0.0008	<0.0007	<0.0007	<0.0007	<0.0007	<0.0008	<0.0007	<0.0009	<0.0008	<0.0008	<0.0009	<0.0007	<0.0007	<0.0008	<0.0008	-	-	-	-	-	-	-	
Town Well 4	1-Oct-15	NH0249/TW4	BCZ500	<0.0002	-	<0.0002	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<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	1578201009013	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	<0.000050	<0.000030	<0.000050	<0.000050	<0.000200	<0.000100	<0.000020	-	-	-	-	-	-	-	

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.