

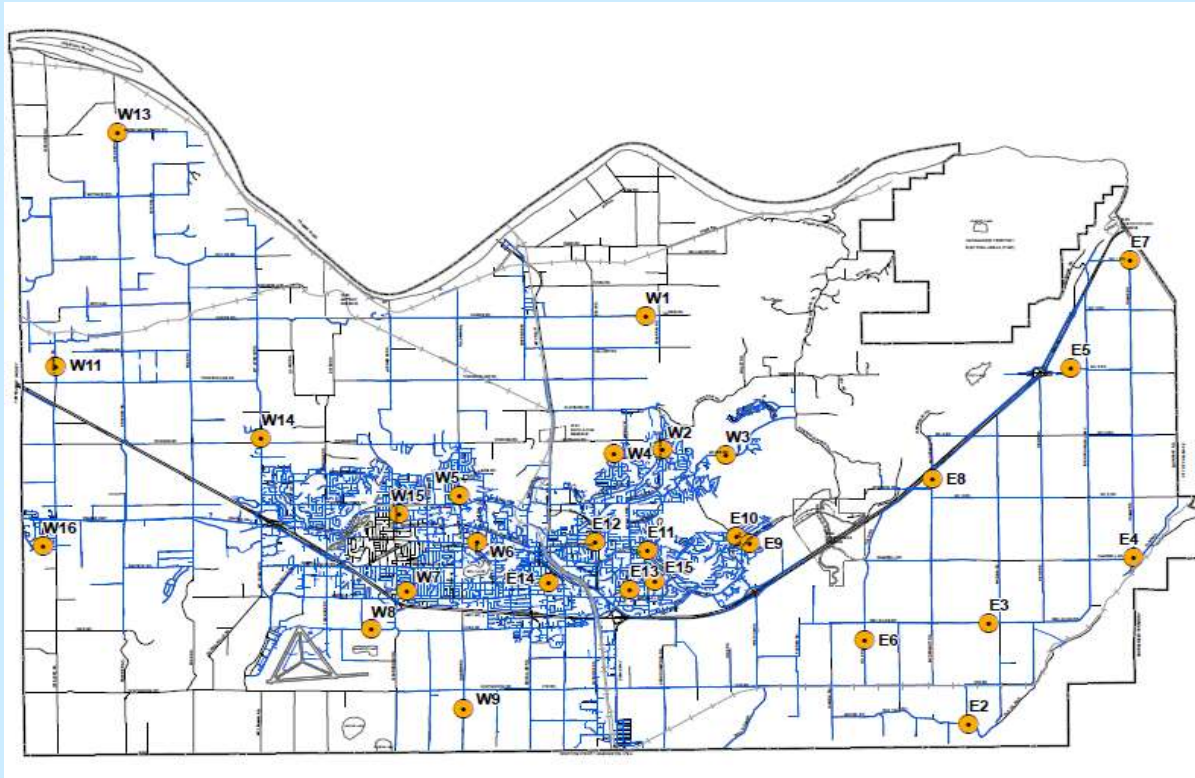
Abbotsford Water Distribution System

Recent Water Quality Results

Updated: 5/1/2021



Sample Locations



- Refer to following pages for results.
- Water quality parameter descriptions on last page.

APPROVED

By risaac at 10:56 am, Jun 11, 2021



Questions?

Engineering
604-864-5514
eng-info@abbotsford.ca

Abbotsford Water Distribution System

Recent Water Quality Results

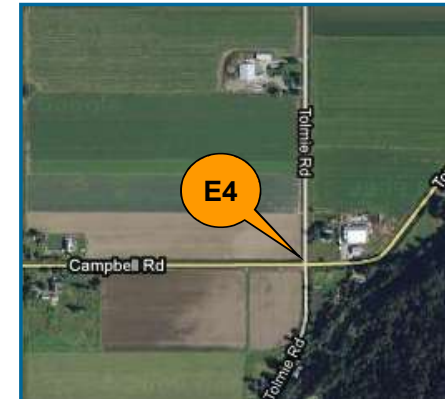
Updated: 5/1/2021



E2	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.09	1.35	ND	ND
APR 13	0.05	1.49	ND	ND
APR 20	0.11	1.28	ND	ND
APR 27	0.10	1.41	ND	ND
APR 29				
ND = Non-Detect Blank Cell = No Data Collected				

E3	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.09	1.30	ND	ND
APR 13	0.09	1.14	ND	ND
APR 20	0.11	1.25	ND	ND
APR 27	0.10	1.24	1*	ND
APR 29			ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

E4	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.14	1.08	ND	ND
APR 13	0.06	1.22	ND	ND
APR 20	0.11	1.04	ND	ND
APR 27	0.09	0.91	ND	ND
APR 29				
ND = Non-Detect Blank Cell = No Data Collected				



Abbotsford Water Distribution System

Recent Water Quality Results

Updated: 5/1/2021



E5	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.10	0.96	ND	ND
APR 13	0.08	1.10	ND	ND
APR 20	0.12	0.82	ND	ND
APR 27	0.10	0.80	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

E6	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.11	1.33	ND	ND
APR 13	0.06	1.45	ND	ND
APR 20	0.14	1.29	ND	ND
APR 27	0.16	1.45	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

E7	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.10	0.83	ND	ND
APR 13	0.06	0.97	ND	ND
APR 20	0.09	0.80	ND	ND
APR 27	0.10	0.70	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



Abbotsford Water Distribution System

Recent Water Quality Results

Updated: 5/1/2021



E8	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.09	0.94	ND	ND
APR 13	0.07	0.95	ND	ND
APR 20	0.13	0.87	ND	ND
APR 27	0.24	1.22	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

E9	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.10	1.37	ND	ND
APR 13	0.05	1.49	ND	ND
APR 20	0.09	1.36	ND	ND
APR 27	0.10	1.43	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

E10	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.12	1.41	ND	ND
APR 13	0.06	1.49	ND	ND
APR 20	0.07	1.34	ND	ND
APR 27	0.13	1.55	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



Abbotsford Water Distribution System

Recent Water Quality Results

Updated: 5/1/2021



E11	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.09	1.38	ND	ND
APR 13	0.06	1.37	ND	ND
APR 20	0.07	1.37	ND	ND
APR 27	0.10	1.44	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

E12	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.10	1.48	ND	ND
APR 13	0.06	1.75	ND	ND
APR 20	0.12	1.46	ND	ND
APR 27	0.12	1.69	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

E13	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.13	1.38	ND	ND
APR 13	0.06	1.44	ND	ND
APR 20	0.08	1.40	ND	ND
APR 27	0.11	1.47	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



Abbotsford Water Distribution System

Recent Water Quality Results

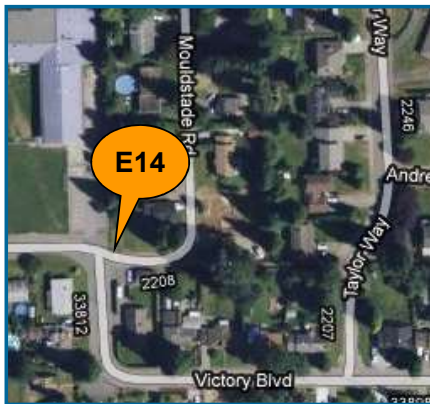
Updated: 5/1/2021



E14	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.11	1.43	ND	ND
APR 13	0.12	1.26	ND	ND
APR 20	0.11	0.99	ND	ND
APR 27	0.09	1.51	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

E15	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.11	1.32	ND	ND
APR 13	0.07	1.33	ND	ND
APR 20	0.08	1.34	ND	ND
APR 27	0.15	1.66	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

W1	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.06	1.24	ND	ND
APR 13	0.33	1.31	ND	ND
APR 20	0.15	1.22	ND	ND
APR 27	0.10	1.43	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



Abbotsford Water Distribution System

Recent Water Quality Results

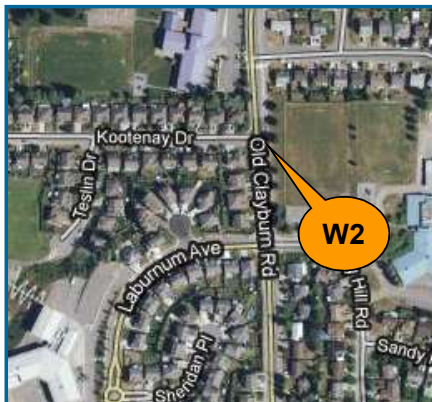
Updated: 5/1/2021



W2	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.05	1.39	ND	ND
APR 13	0.15	1.52	ND	ND
APR 20	0.09	1.36	ND	ND
APR 27	0.16	1.61	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

W3	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.05	1.32	ND	ND
APR 13	0.13	1.83	ND	ND
APR 20	0.09	1.33	ND	ND
APR 27	0.15	1.60	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

W4	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.06	1.26	ND	ND
APR 13	0.13	1.40	ND	ND
APR 20	0.11	1.23	ND	ND
APR 27	0.14	1.36	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



Abbotsford Water Distribution System

Recent Water Quality Results

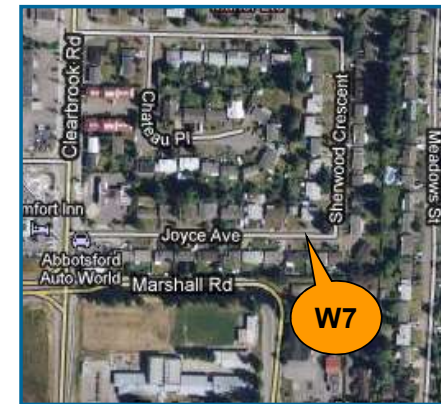
Updated: 5/1/2021



W5	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.07	1.46	ND	ND
APR 13	0.09	1.67	ND	ND
APR 20	0.08	1.41	ND	ND
APR 27	0.12	1.58	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

W6	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.05	1.40	ND	ND
APR 13	0.15	1.53	ND	ND
APR 20	0.08	1.31	ND	ND
APR 27	0.12	1.58	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

W7	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.08	0.93	ND	ND
APR 13	0.15	1.38	ND	ND
APR 20	0.09	0.84	ND	ND
APR 27	0.10	0.87	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



Abbotsford Water Distribution System

Recent Water Quality Results

Updated: 5/1/2021



W8	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.07	1.04	ND	ND
APR 13	0.09	1.00	ND	ND
APR 20	0.08	0.64	ND	ND
APR 27	0.10	1.12	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

W9	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.06	1.21	ND	ND
APR 13	0.13	1.32	ND	ND
APR 20	0.10	0.64	ND	ND
APR 27	0.17	1.10	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

W11	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.06	1.36	ND	ND
APR 13	0.08	1.52	ND	ND
APR 20	0.09	1.35	ND	ND
APR 27	0.08	1.42	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



Abbotsford Water Distribution System

Recent Water Quality Results

Updated: 5/1/2021



W13	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.10	1.09	ND	ND
APR 13	0.11	0.76	ND	ND
APR 20	0.12	1.11	ND	ND
APR 27	0.12	1.12	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

W14	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.06	1.33	ND	ND
APR 13	0.16	1.01	ND	ND
APR 20	0.11	1.36	ND	ND
APR 27	0.10	0.93	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

W15	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.05	1.45	ND	ND
APR 13	0.08	1.71	ND	ND
APR 20	0.08	1.34	ND	ND
APR 27	0.11	1.57	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



Abbotsford Water Distribution System

Recent Water Quality Results

Updated: 5/1/2021



W16	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.06	1.30	ND	ND
APR 13	0.13	1.35	ND	ND
APR 20	0.09	1.28	ND	ND
APR 27	0.07	1.34	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



Abbotsford Water Distribution System

Recent Water Quality Results

Updated: 5/1/2021



Parameter	Description	Acceptable Range
Turbidity	Suspended matter that interferes with the clarity of the water. While not a health concern itself, turbidity is an indicator of possible contamination.	There are no regulations for distribution system turbidity; water system operators aim for less than 1.0 NTU.
Total Chlorine	Used to monitor the level of disinfectant used to inactivate microorganisms such as bacteria and viruses.	There are no regulations for distribution system total chlorine; system operators aim to maintain 0.2 - 2.2 ppm. As long as there are no total coliforms, lower values are not a concern. Higher values are not deemed a health concern unless they exceed the World Health Organization's recommended limit of 5 ppm.
Total Coliforms	A group of bacteria that generally do not cause human disease, but their presence in water may indicate possible contamination.	The BC Drinking Water Act stipulates that no more than 10% of samples during a 30-day period may be positive for Total Coliforms and that no single sample may contain more than 10 counts.
E. Coli	A member of the Total Coliform group and its presence in water indicates contamination.	The BC Drinking Water Act stipulates that no E.Coli should be detected in drinking water.

Note: Turbidity and Total Chlorine are measured with field instruments. Result trends are used as indicators of significant water quality changes; specific values are not necessarily accurate.

*Total Coliform result of 1 at E3. Resample was non-detect.