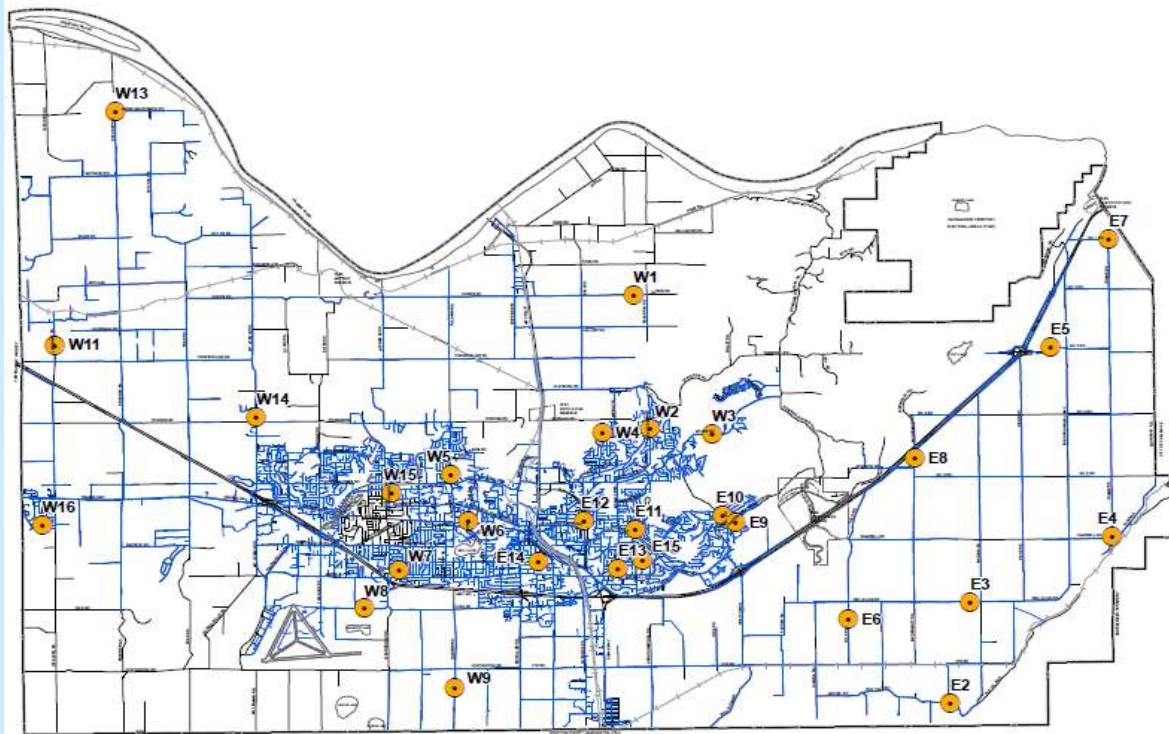


Abbotsford Water Distribution System

Recent Water Quality Results

Updated: 5/1/2022

Sample Locations



Refer to following pages for results.

Water quality parameter descriptions on last page.

Questions?

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

Abbotsford Water Distribution System

Recent Water Quality Results

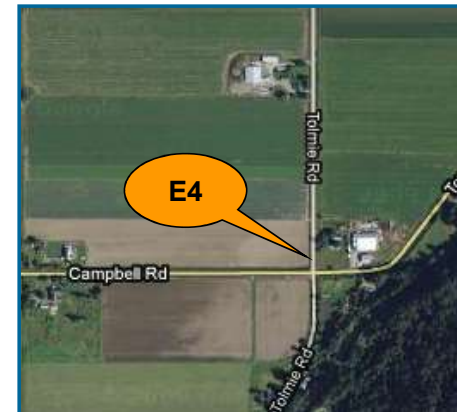
Updated: 5/1/2021



| E2 | Total Chlorine | Total Coliforms | E. Coli |
|---|----------------|-----------------|---------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.32 | ND | ND |
| APR 12 | 1.31 | ND | ND |
| APR 20 | 1.30 | ND | ND |
| APR 26 | 1.43 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| E3 | Total Chlorine | Total Coliforms | E. Coli |
|---|----------------|-----------------|---------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.25 | ND | ND |
| APR 12 | 1.26 | ND | ND |
| APR 20 | 1.09 | ND | ND |
| APR 26 | 1.34 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| E4 | Total Chlorine | Total Coliforms | E. Coli |
|---|----------------|-----------------|---------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.22 | ND | ND |
| APR 12 | 1.16 | ND | ND |
| APR 20 | 1.13 | ND | ND |
| APR 26 | 1.23 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |



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| E5 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.11 | ND | ND |
| APR 12 | 1.14 | ND | ND |
| APR 20 | 1.00 | ND | ND |
| APR 26 | 1.12 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| E6 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.34 | ND | ND |
| APR 12 | 1.31 | ND | ND |
| APR 20 | 1.38 | ND | ND |
| APR 26 | 1.37 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| E7 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.08 | ND | ND |
| APR 12 | 0.89 | ND | ND |
| APR 20 | 0.98 | ND | ND |
| APR 26 | 1.01 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |



Abbotsford Water Distribution System

Recent Water Quality Results

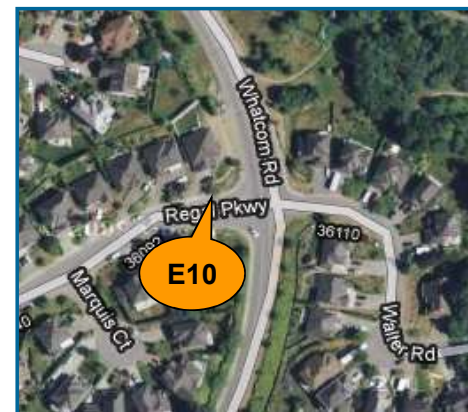
Updated: 5/1/2021



| E8 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.36 | ND | ND |
| APR 12 | 1.17 | ND | ND |
| APR 20 | 1.05 | ND | ND |
| APR 26 | 1.20 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| E9 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.49 | ND | ND |
| APR 12 | 1.53 | ND | ND |
| APR 20 | 1.82 | ND | ND |
| APR 26 | 1.49 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| E10 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.44 | ND | ND |
| APR 12 | 1.67 | ND | ND |
| APR 20 | 1.75 | ND | ND |
| APR 26 | 1.53 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |



Abbotsford Water Distribution System

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| E11 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.29 | ND | ND |
| APR 12 | 1.59 | ND | ND |
| APR 20 | 1.68 | ND | ND |
| APR 26 | 1.44 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| E12 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.47 | ND | ND |
| APR 12 | 1.79 | ND | ND |
| APR 20 | 2.00 | ND | ND |
| APR 26 | 1.48 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| E13 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.41 | ND | ND |
| APR 12 | 1.52 | ND | ND |
| APR 20 | 1.69 | ND | ND |
| APR 26 | 1.49 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |



Abbotsford Water Distribution System

Recent Water Quality Results

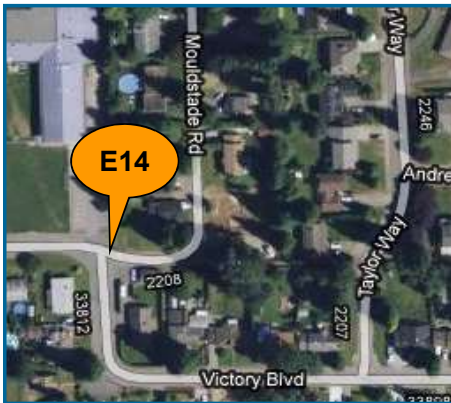
Updated: 5/1/2021



| E14 | Total Chlorine | Total Coliforms | E. Coli |
|---|----------------|-----------------|---------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.48 | ND | ND |
| APR 12 | 1.22 | ND | ND |
| APR 20 | 1.06 | ND | ND |
| APR 26 | 1.32 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| E15 | Total Chlorine | Total Coliforms | E. Coli |
|---|----------------|-----------------|---------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.29 | ND | ND |
| APR 12 | 1.75 | ND | ND |
| APR 20 | 1.85 | ND | ND |
| APR 26 | 1.40 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| W1 | Total Chlorine | Total Coliforms | E. Coli |
|---|----------------|-----------------|---------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.41 | ND | ND |
| APR 12 | 1.39 | ND | ND |
| APR 20 | 1.31 | ND | ND |
| APR 26 | 1.38 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |



Abbotsford Water Distribution System

Recent Water Quality Results

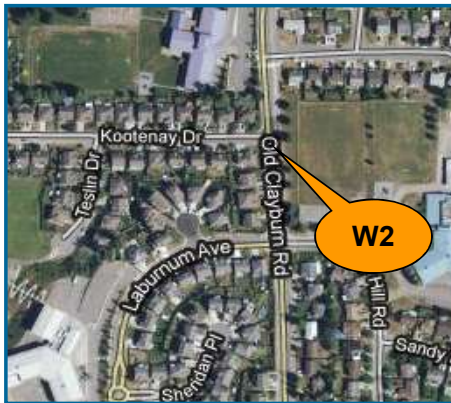
Updated: 5/1/2021



| W2 | Total Chlorine | Total Coliforms | E. Coli |
|---|----------------|-----------------|---------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.38 | ND | ND |
| APR 12 | 1.48 | ND | ND |
| APR 20 | 1.65 | ND | ND |
| APR 26 | 1.67 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| W3 | Total Chlorine | Total Coliforms | E. Coli |
|---|----------------|-----------------|---------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.30 | ND | ND |
| APR 12 | 1.49 | ND | ND |
| APR 20 | 1.49 | ND | ND |
| APR 26 | 1.47 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| W4 | Total Chlorine | Total Coliforms | E. Coli |
|---|----------------|-----------------|---------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.33 | ND | ND |
| APR 12 | 0.82 | ND | ND |
| APR 20 | 0.95 | ND | ND |
| APR 26 | 1.44 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |



Abbotsford Water Distribution System

Recent Water Quality Results

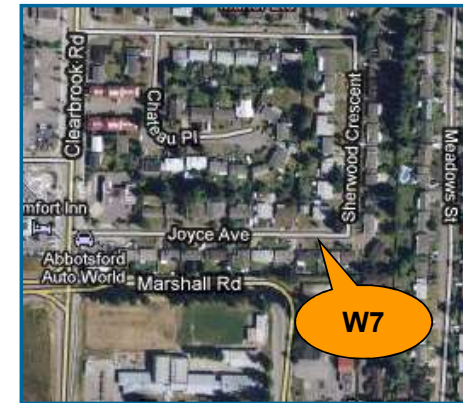
Updated: 5/1/2021



| W5 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.48 | ND | ND |
| APR 12 | 1.38 | ND | ND |
| APR 20 | 1.10 | ND | ND |
| APR 26 | 1.60 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| W6 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.46 | ND | ND |
| APR 12 | 1.71 | ND | ND |
| APR 20 | 1.10 | ND | ND |
| APR 26 | 1.61 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| W7 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.36 | ND | ND |
| APR 12 | 1.45 | ND | ND |
| APR 20 | 1.09 | ND | ND |
| APR 26 | 1.46 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |



Abbotsford Water Distribution System

Recent Water Quality Results

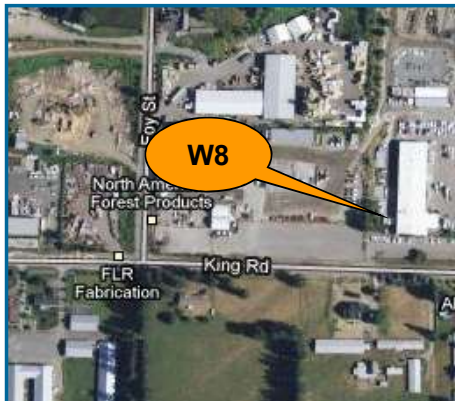
Updated: 5/1/2021



| W8 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.03 | ND | ND |
| APR 12 | 0.63 | ND | ND |
| APR 20 | 0.84 | ND | ND |
| APR 26 | 1.11 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| W9 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.15 | ND | ND |
| APR 12 | 1.15 | ND | ND |
| APR 20 | 1.03 | ND | ND |
| APR 26 | 1.23 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| W11 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.46 | ND | ND |
| APR 12 | 1.18 | ND | ND |
| APR 20 | 1.58 | ND | ND |
| APR 26 | 1.60 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |



Abbotsford Water Distribution System

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| W13 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 0.82 | ND | ND |
| APR 12 | 0.80 | ND | ND |
| APR 20 | 0.77 | ND | ND |
| APR 26 | 1.03 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| W14 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 0.93 | ND | ND |
| APR 12 | 0.93 | ND | ND |
| APR 20 | 1.40 | ND | ND |
| APR 26 | 0.98 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |

| W15 | Total Chlorine | Total Coliforms | E.Coli |
|---|----------------|-----------------|--------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.46 | ND | ND |
| APR 12 | 1.44 | ND | ND |
| APR 20 | 1.76 | ND | ND |
| APR 26 | 1.61 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |



Abbotsford Water Distribution System

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| W16 | Total Chlorine | Total Coliforms | E. Coli |
|---|----------------|-----------------|---------|
| Units | ppm | counts | counts |
| Target | 0.2 - 2.2 | ND | ND |
| APR | | | |
| APR 5 | 1.36 | ND | ND |
| APR 12 | 1.30 | ND | ND |
| APR 20 | 1.38 | ND | ND |
| APR 26 | 1.46 | ND | ND |
| ND = Non-Detect Blank Cell = No Data Collected | | | |



Abbotsford Water Distribution System

Recent Water Quality Results

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| Parameter | Description | Acceptable Range |
|------------------------|---|--|
| 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.