

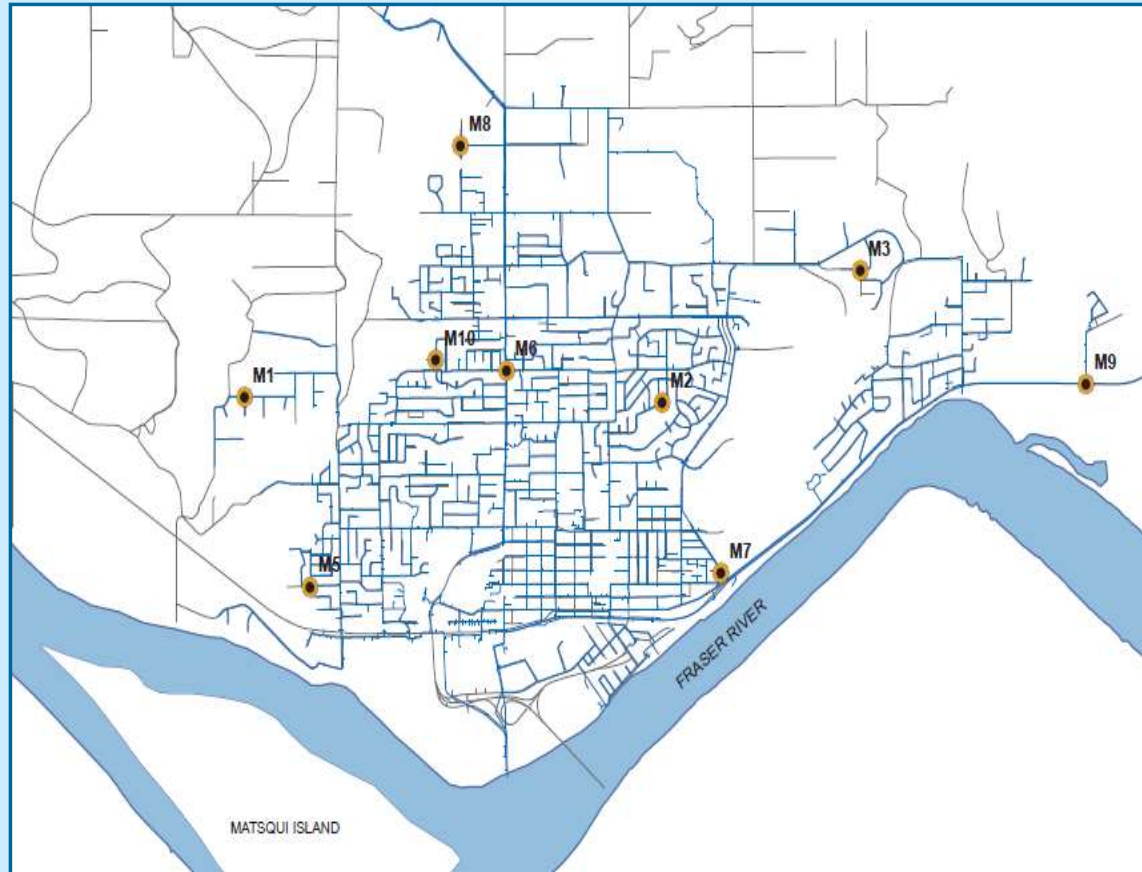
# Mission Water Distribution System

## Recent Water Quality Results

Updated: 1-May-21



### Sample Locations



- Refer to following pages
- Water quality parameter descriptions on last

### Questions?

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# Mission Water Distribution System

## Recent Water Quality Results

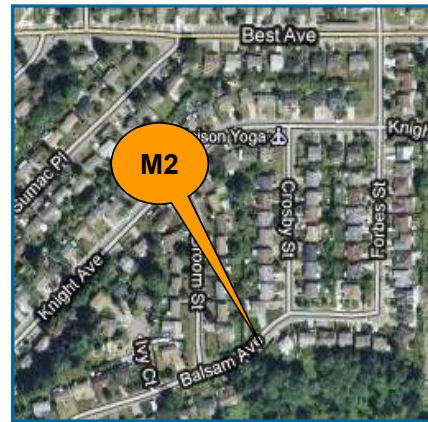
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M1	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.11	1.18	ND	ND
APR 13	0.15	1.43	ND	ND
APR 20	0.12	1.27	ND	ND
APR 27	0.27	1.33	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

M2	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.26	1.45	ND	ND
APR 13	0.26	1.48	ND	ND
APR 20	0.24	1.50	ND	ND
APR 27	0.31	1.42	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

M3	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.26	1.56	ND	ND
APR 13	0.29	1.56	ND	ND
APR 20	0.26	1.64	ND	ND
APR 27	0.41	1.59	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



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M5	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.37	1.20	ND	ND
APR 13	0.07	1.52	ND	ND
APR 20	0.22	1.35	ND	ND
APR 27	0.26	1.53	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

M6	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.33	1.67	ND	ND
APR 13	0.51	1.65	ND	ND
APR 20	0.23	1.63	ND	ND
APR 27	0.27	1.43	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

M7	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.26	1.47	ND	ND
APR 13	0.16	1.66	ND	ND
APR 20	0.20	1.41	ND	ND
APR 27	0.17	1.50	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



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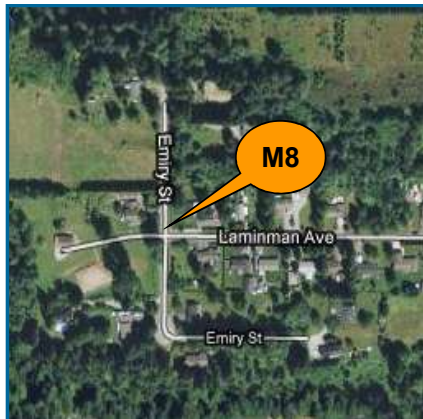
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M8	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.40	1.72	ND	ND
APR 13	0.30	1.66	ND	ND
APR 20	1.36	1.79	ND	ND
APR 27	0.33	1.78	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

M9	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.20	1.57	ND	ND
APR 13	0.08	2.15	ND	ND
APR 20	0.10	1.48	ND	ND
APR 27	0.15	1.71	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				

M10	Turbidity	Total Chlorine	Total Coliforms	E. Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
APR				
APR 7	0.40	1.34	ND	ND
APR 13	0.30	1.33	ND	ND
APR 20	0.32	1.31	ND </td <td>ND</td>	ND
APR 27	0.26	1.26	ND	ND
ND = Non-Detect Blank Cell = No Data Collected				



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Parameter	Description	Acceptable Range
<b>Turbidity</b>	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.
<b>Total Chlorine</b>	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 5ppm.
<b>Total Coliforms</b>	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.
<b>E. Coli</b>	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.**