

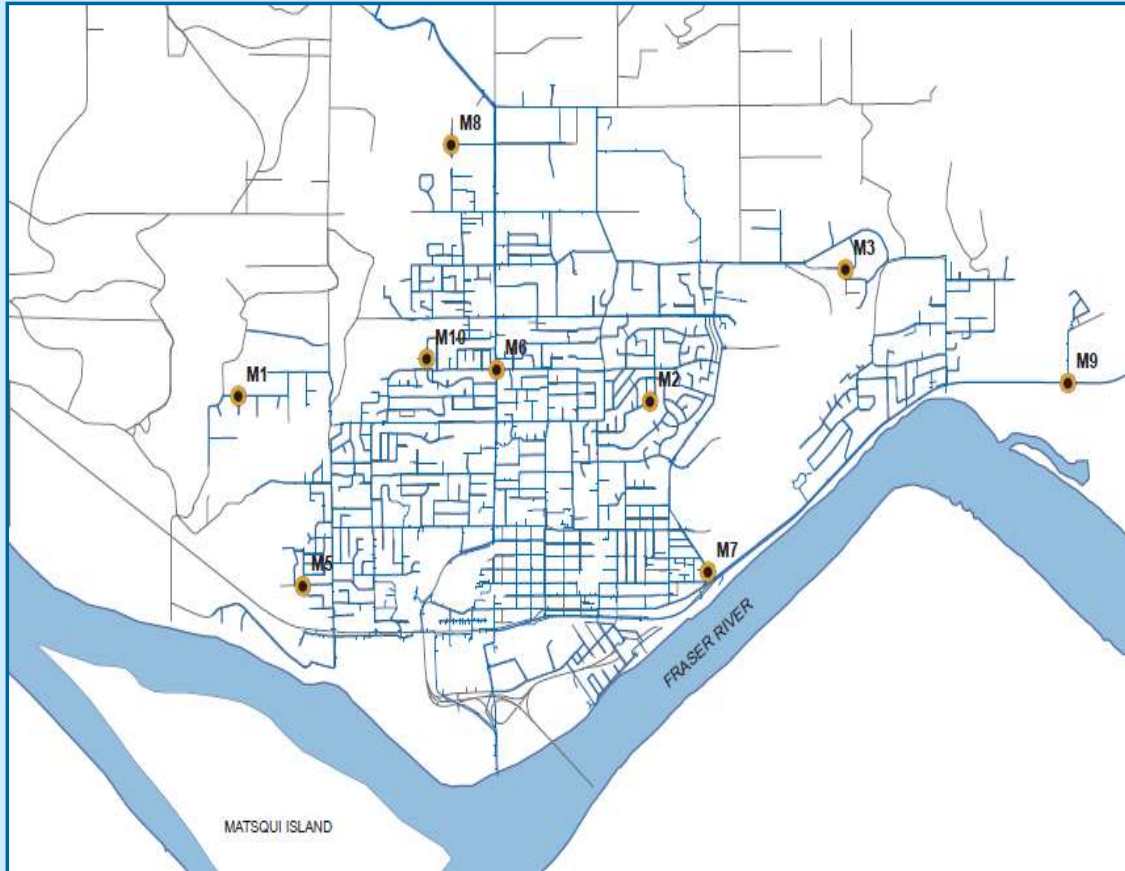
# Mission Water Distribution System

## Recent Water Quality Results

Updated: 1-Mar-22



### Sample Locations



- Refer to following
- Water quality parameter

### Questions?

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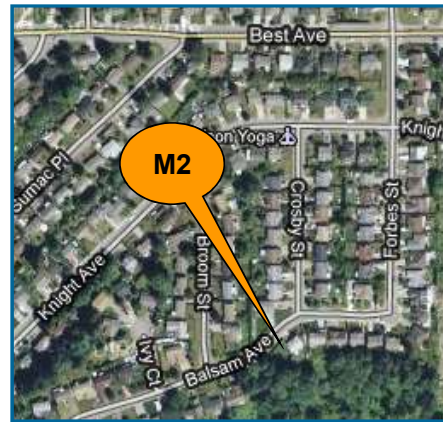
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M1	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
FEB			
FEB 1		ND	ND
FEB 8	1.42	ND	ND
FEB 15	1.33	ND	ND
FEB 23	1.46	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

M2	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
FEB			
FEB 1		ND	ND
FEB 8	1.81	ND	ND
FEB 15	1.37	ND	ND
FEB 23	1.64	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

M3	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
FEB			
FEB 1		ND	ND
FEB 8	1.89	ND	ND
FEB 15	1.29	ND	ND
FEB 23	1.73	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			



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M5	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
FEB			
FEB 1		ND	ND
FEB 8	1.54	ND	ND
FEB 15	1.57	ND	ND
FEB 23	1.54	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

M6	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
FEB			
FEB 1		ND	ND
FEB 8	2.12	ND	ND
FEB 15	1.97	ND	ND
FEB 23	1.88	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

M7	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
FEB			
FEB 1		ND	ND
FEB 8	1.69	ND	ND
FEB 15	1.83	ND	ND
FEB 23	1.52	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			



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<b>M8</b>	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
FEB			
FEB 1		ND	ND
FEB 8	1.86	ND	ND
FEB 15	1.87	ND	ND
FEB 23	1.70	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

<b>M9</b>	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
FEB			
FEB 1		ND	ND
FEB 8	1.68	ND	ND
FEB 15	1.85	ND	ND
FEB 23	1.72	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

<b>M10</b>	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
FEB			
FEB 1		ND	ND
FEB 8	1.59	ND	ND
FEB 15	1.33	ND	ND
FEB 23	1.47	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			



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ParameterDescription		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.**