

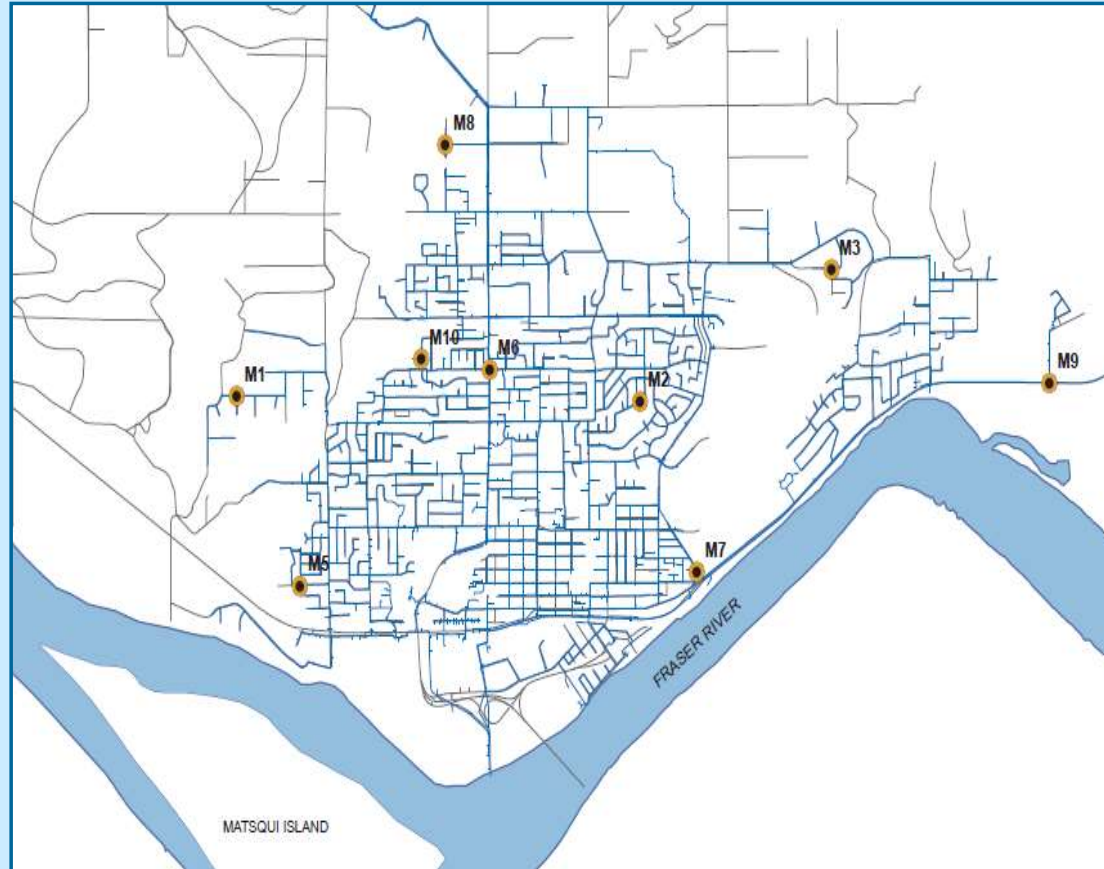
Mission Water Distribution System

Recent Water Quality Results

Updated: 1-Feb-22



Sample Locations



• Refer to following

• Water quality parameter

Questions?

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Works
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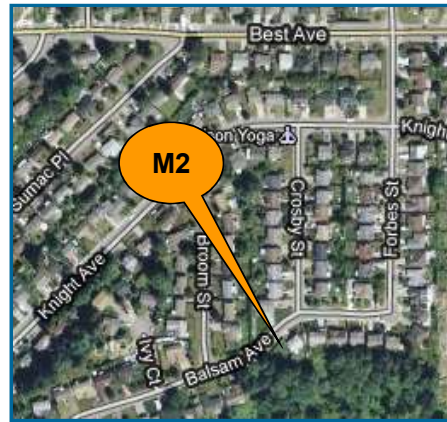
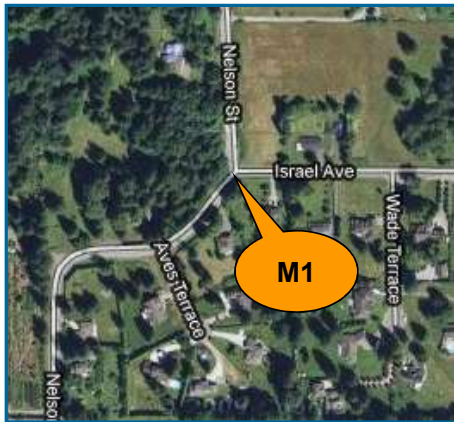
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M1	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
JAN			
JAN 5	1.88	ND	ND
JAN 11	1.22	ND	ND
JAN 13		ND	ND
JAN 14		ND	ND
JAN 18		ND	ND
JAN 25	1.27	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

M2	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
JAN			
JAN 5	1.93	ND	ND
JAN 11	2.08	1*	ND
JAN 13	2.07	ND	ND
JAN 14	2.03	ND	ND
JAN 18		ND	ND
JAN 25	1.71	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
JAN			
JAN 5	2.07	ND	ND
JAN 11	2.27	ND	ND
JAN 13		ND	ND
JAN 14		ND	ND
JAN 18		ND	ND
JAN 25	1.80	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
JAN			
JAN 5	2.11	ND	ND
JAN 11	2.32	ND	ND
JAN 18		ND	ND
JAN 25	1.51	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
JAN			
JAN 5	2.15	ND	ND
JAN 11	2.47	ND	ND
JAN 18		ND	ND
JAN 25	1.97	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
JAN			
JAN 5	2.13	ND	ND
JAN 11	2.46	ND	ND
JAN 18			
JAN 25	1.65	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			



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M8	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
JAN			
JAN 5	2.19	ND	ND
JAN 11	2.24	ND	ND
JAN 18		ND	ND
JAN 25	1.84	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

M9	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
JAN			
JAN 5	2.25	ND	ND
JAN 11	2.49	ND	ND
JAN 18		ND	ND
JAN 25	1.65	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

M10	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
JAN			
JAN 5	1.95	ND	ND
JAN 11	2.12	ND	ND
JAN 18		ND	ND
JAN 25	1.52	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			



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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 5ppm.
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 count of 1 at M2. Staff resampled and the result was non-detect.