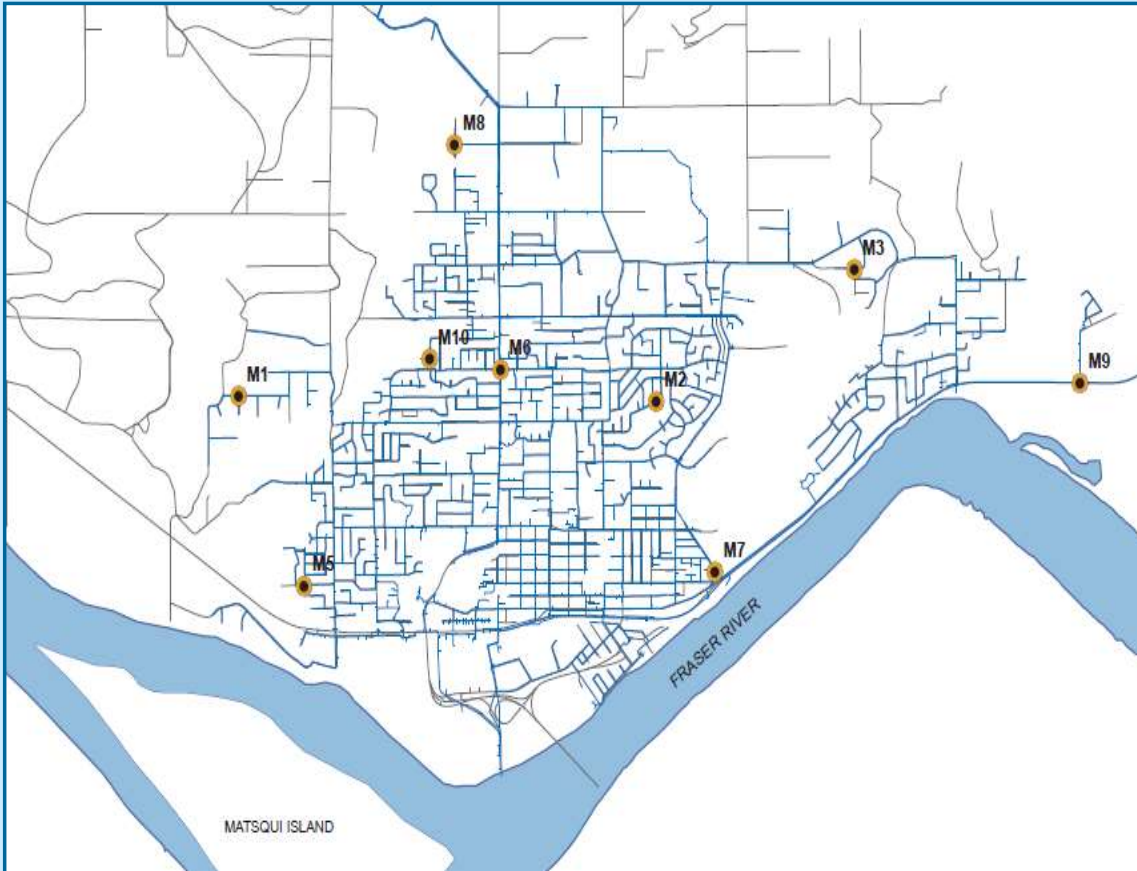# Mission Water Distribution System

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Sample Locations

- **Refer to following pages**

- Water quality parameter descriptions on last

M1	Turbidity	Total Chlorine	Total Coliforms	E.Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
MAR				
MAR 2	0.32	1.30	ND	ND
MAR 9	0.22	1.39	ND	ND
MAR 16	0.24	1.45	ND	ND
MAR 23	0.28	1.29	ND	ND
MAR 30	0.07	1.24	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
MAR				
MAR 2	0.34	1.39	ND	ND
MAR 9	0.23	1.32	ND	ND
MAR 16	0.29	1.31	ND	ND
MAR 23	0.25	0.22	ND	ND
MAR 30	0.39	1.09	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
MAR				
MAR 2	0.35	1.64	ND	ND
MAR 9	0.29	1.68	ND	ND
MAR 16	0.34	1.59	ND	ND
MAR 23	0.25	1.62	ND	ND
MAR 30	0.31	1.61	ND	ND
ND = Non-Detect				
Blank Cell = No Data Collected				
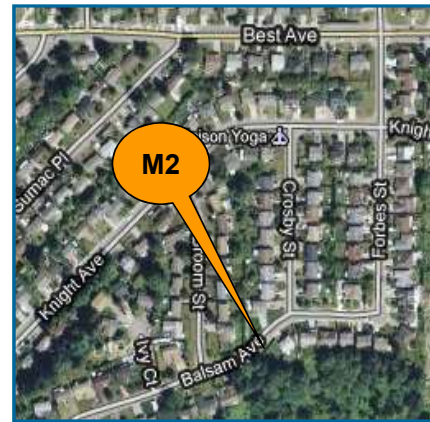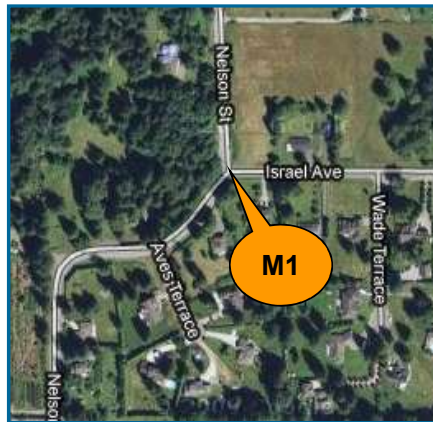
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M5	Turbidity	Total Chlorine	Total Coliforms	E.Coli
Units	NTU	ppm	counts	counts
Target	< 1.0	0.2 - 2.2	ND	ND
MAR				
MAR 2	0.36	1.22	ND	ND
MAR 9	0.12	1.45	ND	ND
MAR 16	0.13	1.44	ND	ND
MAR 23	0.19	1.36	ND	ND
MAR 30	0.13	1.16	ND	ND
ND = Non-Detect				
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
MAR				
MAR 2	0.27	1.59	ND	ND
MAR 9	0.28	0.82	ND	ND
MAR 16	0.25	1.34	ND	ND
MAR 23	0.28	1.31	ND	ND
MAR 30	0.30	1.60	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
MAR				
MAR 2	0.09	1.68	ND	ND
MAR 9	0.24	1.57	ND	ND
MAR 16	0.11	1.56	ND	ND
MAR 23	0.10	1.55	ND	ND
MAR 30	0.14	1.42	ND	ND
ND = Non-Detect				
Blank Cell = No Data Collected				

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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
MAR				
MAR 2	0.27	1.65	ND	ND
MAR 9	0.27	1.77	ND	ND
MAR 16	0.33	1.70	ND	ND
MAR 23	0.54	1.75	ND	ND
MAR 30	0.24	1.80	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
MAR				
MAR 2	0.09	1.76	ND	ND
MAR 9	0.22	1.70	ND	ND
MAR 16	0.13	1.65	ND	ND
MAR 23	0.11	1.62	ND	ND
MAR 30	0.09	1.46	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
MAR				
MAR 2	0.44	1.38	ND	ND
MAR 9	0.26	1.25	ND	ND
MAR 16	0.31	1.23	ND	ND
MAR 23	0.19	0.67	ND	ND
MAR 30	0.20	1.13	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.