

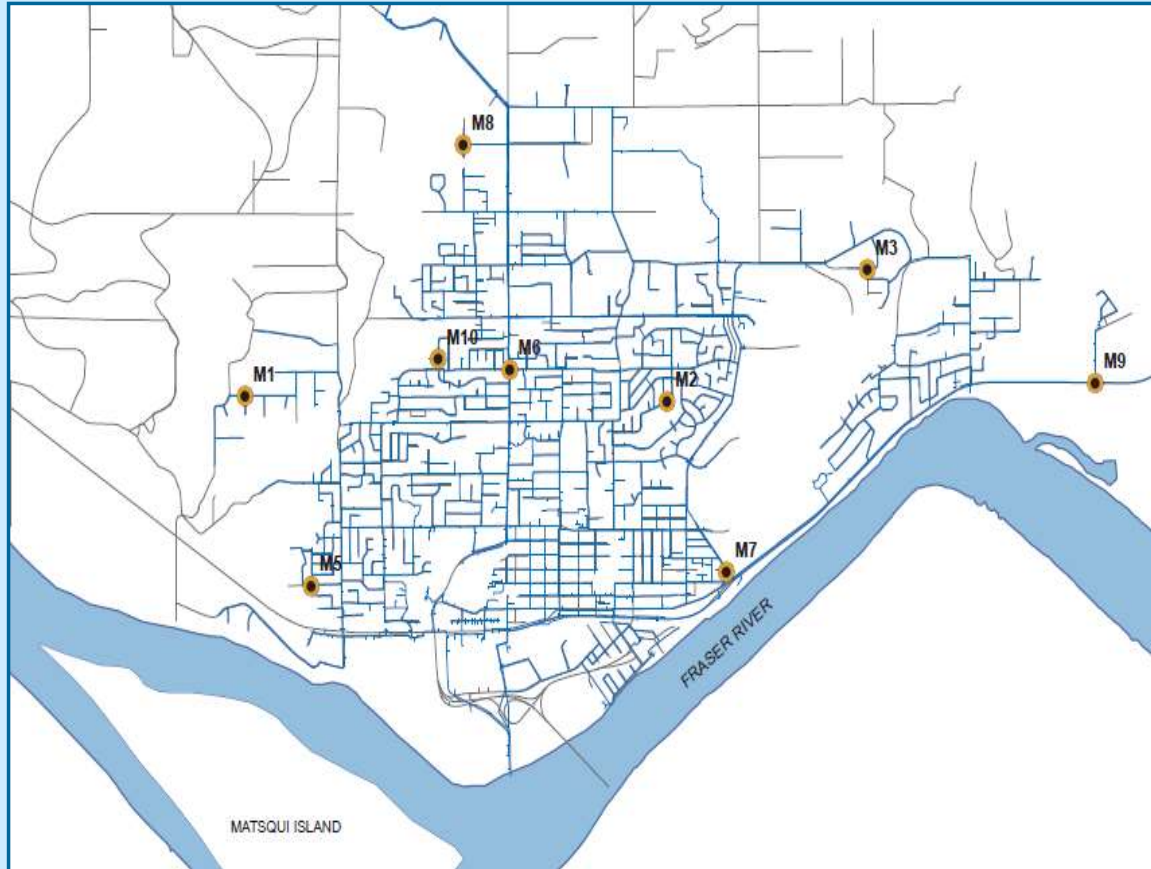
# Mission Water Distribution System

## Recent Water Quality Results

Updated: 1-Nov-22



### Sample Locations



- Refer to following
- Water quality parameter

### Questions?

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# Mission Water Distribution System

## Recent Water Quality Results

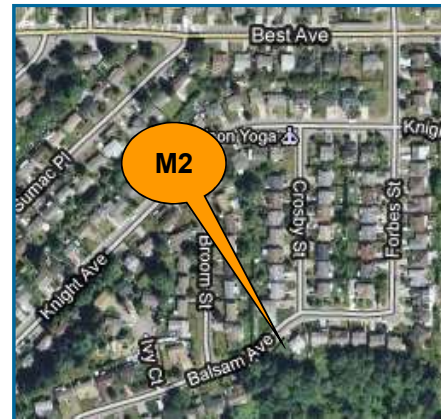
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M1	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
OCT			
OCT 4	2.01	ND	ND
OCT 12	2.04	ND	ND
OCT 18	2.85	ND	ND
OCT 25	2.02	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

M2	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
OCT			
OCT 4	2.20	ND	ND
OCT 12	2.15	ND	ND
OCT 18	1.55	ND	ND
OCT 25	1.98	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
OCT			
OCT 4	2.43	ND	ND
OCT 12	2.22	ND	ND
OCT 18	2.60	ND	ND
OCT 25	2.13	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
OCT			
OCT 4	2.04	ND	ND
OCT 12	2.03	ND	ND
OCT 18	2.73	ND	ND
OCT 25	1.90	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
OCT			
OCT 4	2.49	ND	ND
OCT 12	NT	ND	ND
OCT 18	2.87	ND	ND
OCT 25	2.23	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
OCT			
OCT 4	2.11	ND	ND
OCT 12	2.05	ND	ND
OCT 18	2.81	ND	ND
OCT 25	1.87	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			



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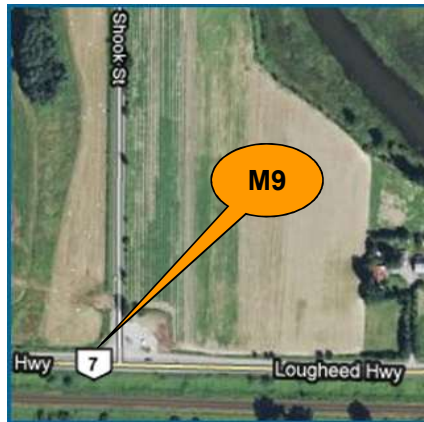
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M9	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
OCT			
OCT 4	2.32	ND	ND
OCT 12	2.35	ND	ND
OCT 18	2.53	ND	ND
OCT 25	2.13	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

M10	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
OCT			
OCT 4	1.99	ND	ND
OCT 12	1.94	ND	ND
OCT 18	1.27	ND	ND
OCT 25	1.98	ND	ND
ND = Non-Detect Blank Cell = No Data Collected			

M20	Total Chlorine	Total Coliforms	E. Coli
Units	ppm	counts	counts
Target	0.2 - 2.2	ND	ND
OCT			
OCT 4	1.95	ND	ND
OCT 12	1.84	ND	ND
OCT 18	1.83	ND	ND
OCT 25	1.82	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.**