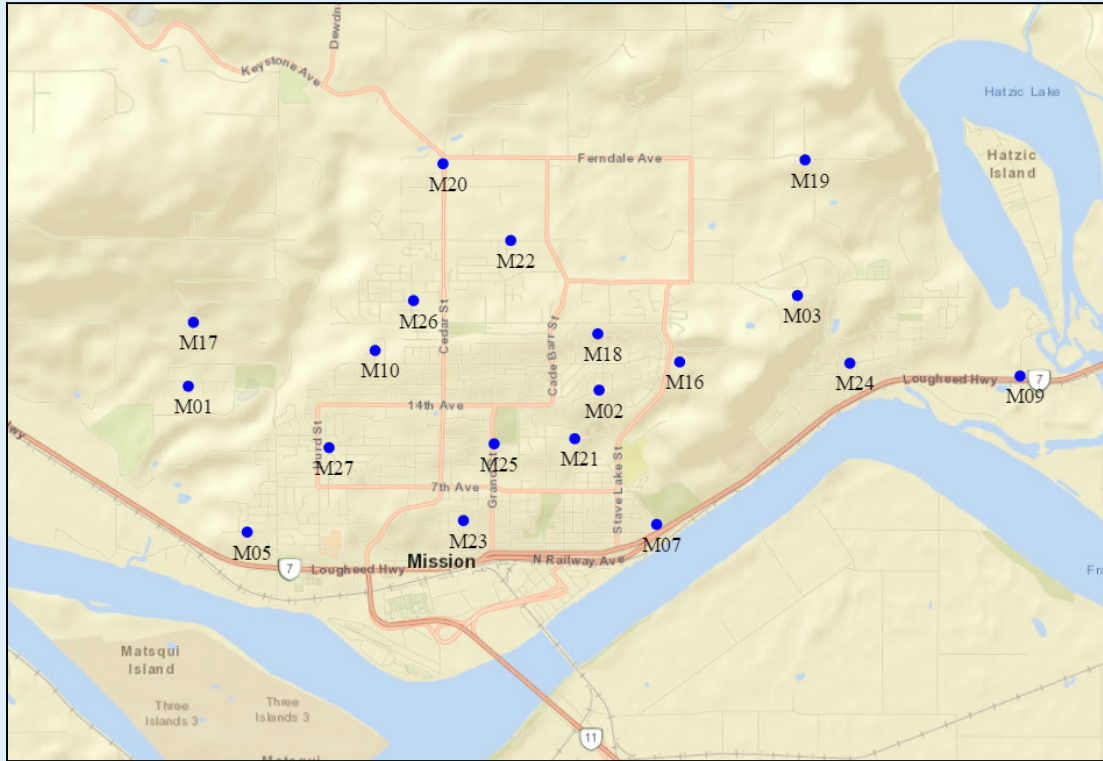


City of Mission Water Distribution System

Recent Water Quality Results

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Sample Locations



- Refer to following pages for results.
- Water quality parameter descriptions on last page.

Route A - M1, M16, M19, M21, M22, M23, M24, M26, M27

Route B - M2, M3, M4, M5, M7, M9, M17, M18, M20, M25

Each route is tested biweekly.

Questions?

District of Mission Public Works

604-820-3769

City of Mission Water Distribution System

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	Turbidity	Total Chlorine	Total Coliforms (counts)	E.coli (counts)
Units	NTU	mg/L	CFU/100mL	CFU/100mL
M01 - Israel				
January 3	0.34	1.86	0	0
January 16	0.45	2.00	0	0
January 30	0.39	2.44	0	0
M02 - Balsam				
January 9	0.29	1.80	0	0
January 23	0.31	2.40	0	0
M03 - Penner				
January 9	0.33	2.41	0	0
January 23	0.32	2.36	0	0
M05 - Hillcrest				
January 9	0.24	2.03	0	0
January 23	0.32	1.95	0	0
M07 - 4th & Mary				
January 9	0.10	2.11	0	0
January 23	0.09	1.75	0	0
M09 - Shook				
January 3	0.11	2.07	0	0
January 9	0.09	2.05	0	0
January 16	0.35	2.73	0	0
January 23	0.08	1.93	0	0
January 30	0.47	2.30	0	0
M10 - Miller				
January 9	0.27	1.86	0	0
January 23	0.28	2.23	0	0
M16 - Best @ Barker				
January 3	0.26	1.69	0	0
January 16	0.41	2.21	0	0
January 30	0.45	2.38	0	0
M17 - TH Booster				
January 9	0.39	1.70	0	0
January 23	0.31	2.30	0	0
M18 - Blueberry				
January 9	0.32	2.72	0	0
January 23	0.34	2.49	0	0

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	Turbidity	Total Chlorine	Total Coliforms (counts)	E.coli (counts)
Units	NTU	mg/L	CFU/100mL	CFU/100mL
M19 - Ferndale @ Erikson				
January 3	0.23	2.08	0	0
January 16	0.29	2.05	0	0
January 30	0.38	2.09	0	0
M20 - DTR & Cedar				
January 9	0.51	2.24	0	0
January 23	0.40	2.41	0	0
M21 - 11th & Dunsmuir				
January 3	0.10	2.01	0	0
January 16	0.35	2.75	0	0
January 30	0.35	2.32	0	0
M22 - Tunbridge @ DTR				
January 3	0.58	2.35	0	0
January 16	0.48	2.53	0	0
January 30	0.74	2.35	0	0
M23 - 4th @ Alder				
January 3	0.15	2.03	0	0
January 16	0.41	2.76	0	0
January 30	0.39	2.46	0	0
M24 - Moffat				
January 3	0.14	1.96	0	0
January 16	0.39	2.73	0	0
January 30	0.37	2.33	0	0
M25 - 11th & Grand				
January 9	0.05	2.12	0	0
January 23	0.10	1.86	0	0
M26 - Fennel				
January 3	0.36	2.46	0	0
January 16	0.46	2.66	0	0
January 30	0.64	2.44	0	0
M27 - McRae & Hurd				
January 3	0.27	1.99	0	0
January 16	0.37	2.72	0	0
January 30	0.44	2.34	0	0
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 a detectable residual. 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.