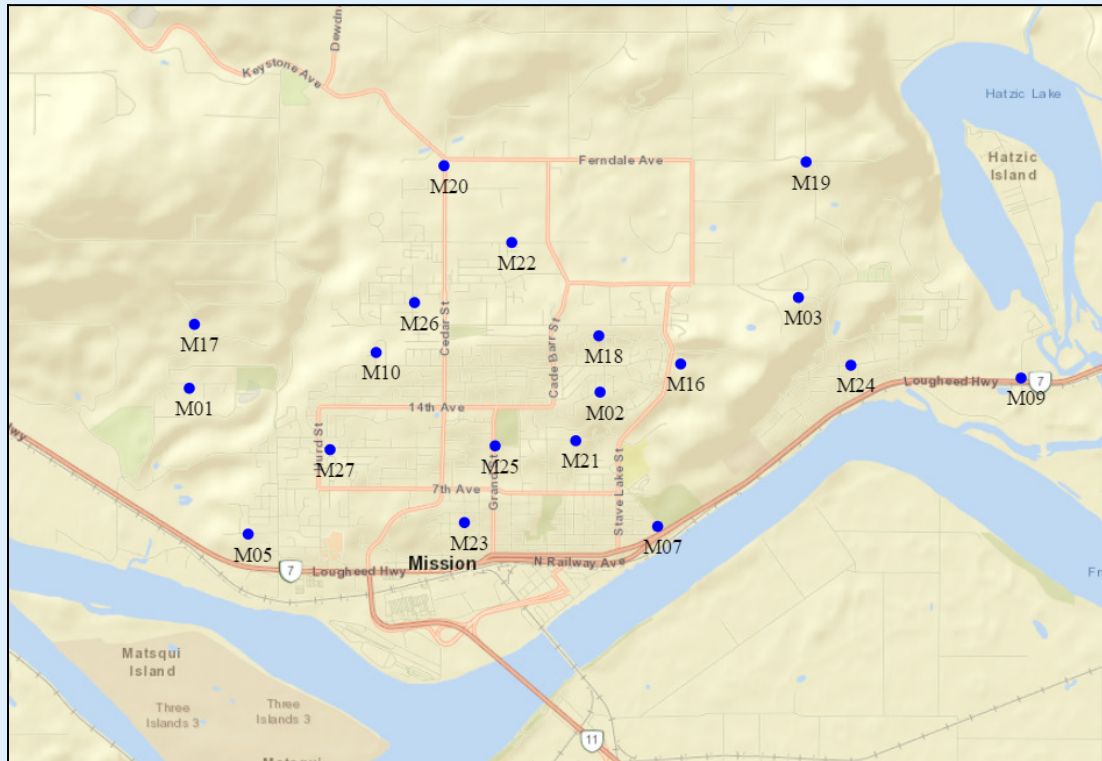


# City of Mission Water Distribution System

Recent Water Quality Results

Updated: 2023-08-15 15:19

## 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

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	Turbidity	Total Chlorine	Total Coliforms (counts)	E.coli (counts)
Units	NTU	mg/L	CFU/100mL	CFU/100mL
<b>M01 - Israel</b>				
July 5	0.32	1.92	0	0
July 18	0.11	1.81	0	0
<b>M02 - Balsam</b>				
July 11	0.35	2.23	0	0
July 25	0.44	1.88	0	0
<b>M03 - Penner</b>				
July 11	0.38	2.26	0	0
July 25	0.36	1.91	0	0
<b>M05 - Hillcrest</b>				
July 11	0.16	1.59	0	0
July 25	0.23	1.70	0	0
<b>M07 - 4th &amp; Mary</b>				
July 11	0.13	1.76	0	0
July 25	0.20	1.76	0	0
<b>M09 - Shook</b>				
July 5	0.21	2.07	0	0
July 11	0.14	1.88	0	0
July 18	0.10	2.05	0	0
July 25	0.13	2.01	0	0
<b>M10 - Miller</b>				
July 11	0.39	2.16	0	0
July 25	0.39	1.80	0	0
<b>M16 - Best @ Barker</b>				
July 5	0.62	2.09	0	0
July 18	0.32	1.93	0	0
<b>M17 - TH Booster</b>				
July 11	0.13	1.80	0	0
July 25	0.31	1.87	0	0
<b>M18 - Blueberry</b>				
July 11	0.37	2.40	0	0
July 25	0.40	2.06	0	0
<b>M19 - Ferndale @ Erikson</b>				
July 5	1.90	2.30	0	0
July 18	0.57	2.38	0	0

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	Turbidity	Total Chlorine	Total Coliforms (counts)	E.coli (counts)
Units	NTU	mg/L	CFU/100mL	CFU/100mL
<b>M20 - DTR &amp; Cedar</b>				
July 11	0.49	2.28	0	0
July 25	0.32	2.55	0	0
<b>M21 - 11th &amp; Dunsmuir</b>				
July 5	0.42	1.97	0	0
July 18	0.08	2.09	0	0
<b>M22 - Tunbridge @ DTR</b>				
July 5	1.16	2.13	0	0
July 18	0.42	2.14	0	0
<b>M23 - 4th @ Alder</b>				
July 5	0.23	1.98	0	0
July 18	0.12	2.08	0	0
<b>M24 - Moffat</b>				
July 5	0.13	2.00	0	0
July 18	0.11	2.04	0	0
<b>M25 - 11th &amp; Grand</b>				
July 11	0.11	1.73	0	0
July 25	0.25	1.71	0	0
<b>M26 - Fennel</b>				
July 5	1.08	2.03	0	0
July 18	0.40	2.15	0	0
<b>M27 - McRae &amp; Hurd</b>				
July 5	0.09	2.02	0	0
July 18	0.08	1.96	0	0
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 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.
<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.**