MONTHLY REPORTING PERIOD - JULY, 2026

SUMMARY

This document provides a summary of water quantity and quality data collected by BMID in July 2026.

WATER SUPPLY SUMMARY

Water Source	Active / Not Active	Volume (Mega Liters)	Irrigation / Domestic	Comments
Mission Ck.	**Active**	**2,417.19**	**Domestic/Irrig.**	Primary Water supply. Domestic and irrig. demand.
Scotty Creek	**Active**	**143.92**	**Irrig. only**	Scotty Creek has resumed operations for summer 2026
Well 3 Cornish	Not Active	0	Irrig. only	Well #3 upgrade underway to provide for irrigation
Well 4	Not Active	0	Domestic	Well 4 secondary water source in north-end
Well 5	**Active**	**178.05**	**Domestic/Irrig**	Well #5 has resumed operations for summer 2026
Well 6	**Active**	**100.06**	**Irrig. only**	Well # 6 has resumed operations for summer 2026
July 2026	**Total:**	**2,839.22**		**10 Year Average for July = 2,778.68**

WATER QUALITY SUMMARY

Raw Water Microbiological Summary		**E-Coli**		
Location	# of Samples	Lowest *E.Coli* Reading	Ave. *E.Coli* Reading	Highest *E.Coli* Reading
Mission Creek Intake	4	38	55.75	86
Stevens Reservoir	4	4	7.5	11
Hadden Reservoir	4	10	11.25	15

Treated Water Microbiological Summary		**Turbidity Summary**		
Location	Low Reading	Average Reading	High Reading	Comments
Mission Creek Raw Water	0.45 NTU	0.62 NTU	0.76 NTU	
Distribution Intake	0.17 NTU	0.29 NTU	0.37 NTU	
UV Plant	0.26 NTU	0.47 NTU	0.58 NTU	
Booster # 1 (first customer)	0.25 NTU	0.36 NTU	0.48 NTU	

UV Treatment Plant				
Plant Flow Volume	In-Spec	Off-Spec	% Off-Spec	Comments
2,417,194 m^3	2,415,298 m^3	1,896 m^3	0.079%	

WATER QUALITY DISTRIBUTION TESTING

		CARO (third party) Testing	**31**
BMID Population:	30,000	In House Pres./Absence	**9**
Required Minimum # of Tests:	30	Total Tests:	**40**
		Total Positive Tests:	**0**

Documentation and figures are provided on the following pages to support this submission.

1.0 FLOWS - JULY, 2026

Mission Creek provided 85% of the 2,839 Mega Liters used in the BMID system in July.

Figure 1.1 - Domestic Water System Flow

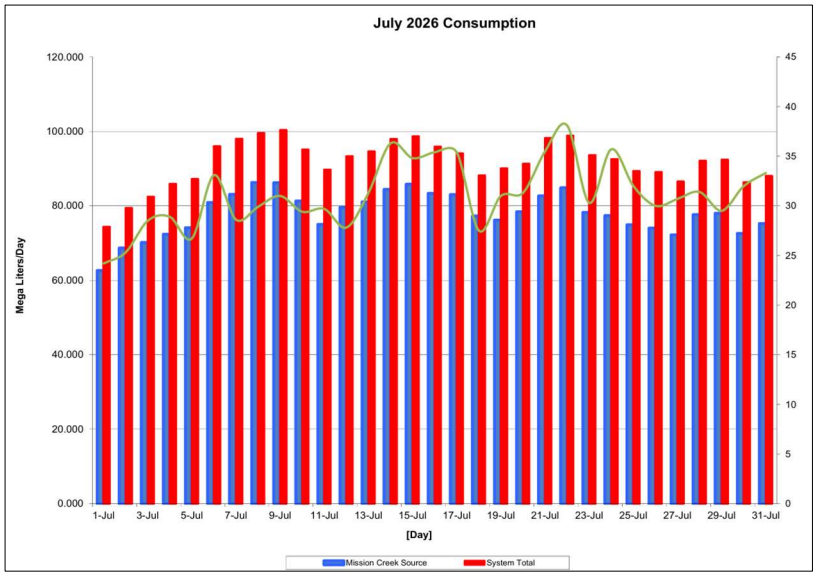


Table 1.2 - July 2026 - Daily Consumption Report

Year	Mission Cr	Well #4	Well #5	Well #6	Scotty Crk	System Total
2026	ML/Day	ML/Day	ML/Day	ML/Day	ML/Day	ML/Day
1-Jul	62.62	0.00	4.80	2.28	4.67	74.36
2-Jul	68.64	0.00	4.23	3.06	3.49	79.43
3-Jul	70.12	0.00	5.78	3.06	3.49	82.45
4-Jul	72.36	0.00	5.98	3.14	4.43	85.90
5-Jul	74.12	0.00	6.18	3.40	3.50	87.20
6-Jul	80.88	0.00	6.14	3.52	5.49	96.02
7-Jul	83.09	0.00	6.15	3.43	5.32	97.99
8-Jul	86.25	0.00	6.17	3.49	3.64	99.54
9-Jul	86.17	0.00	6.17	3.48	4.52	100.35
10-Jul	81.28	0.00	6.14	3.45	4.26	95.13
11-Jul	75.02	0.00	6.17	3.48	5.02	89.69
12-Jul	79.58	0.00	6.13	3.47	4.14	93.30
13-Jul	81.06	0.00	6.15	3.50	3.91	94.61
14-Jul	84.39	0.00	6.14	3.47	3.97	97.97
15-Jul	85.80	0.00	6.11	3.27	3.50	98.68
16-Jul	83.35	0.00	6.11	3.15	3.31	95.91
17-Jul	83.01	0.00	5.99	1.22	3.89	94.11
18-Jul	77.28	0.00	6.21	0.78	3.90	88.16
19-Jul	76.18	0.00	6.21	3.39	4.28	90.07
20-Jul	78.38	0.00	6.16	3.52	3.25	91.31
21-Jul	82.65	0.00	6.13	3.50	5.96	98.24
22-Jul	84.85	0.00	6.14	3.25	4.62	98.85
23-Jul	78.24	0.00	4.93	3.42	7.03	93.61
24-Jul	77.36	0.00	5.01	3.55	6.63	92.54
25-Jul	74.91	0.00	5.52	3.55	5.36	89.33
26-Jul	74.01	0.00	5.73	3.55	5.77	89.05
27-Jul	72.15	0.00	5.20	3.55	5.64	86.54
28-Jul	77.63	0.00	5.37	3.55	5.57	92.12
29-Jul	78.01	0.00	5.56	3.54	5.29	92.39
30-Jul	72.59	0.00	5.12	3.53	5.11	86.35
31-Jul	75.22	0.00	4.26	3.54	4.99	88.01
Totals ML	**2,417.19**	**0.00**	**178.05**	**100.06**	**143.92**	**2,839.22**
Avg's	77.97	0.00	5.74	3.23	4.64	91.59
Max	86.25	0.00	6.21	3.55	7.03	100.35
Min	62.62	0.00	0.00	0.78	3.25	74.36

2.0 RAW WATER QUALITY - BACTERIOLOGICAL MONITORING

Raw water samples were taken at three points at BMID settling ponds before chlorination. Samples were taken at the Mission Creek raw water intake, the outlet for Stevens Pond, and the point of disinfection at the end of Hadden Reservoir.

Samples from the previous month are also provided to show a two-month trend

Figure 2.1 - Raw Water *E.Coli* Readings (CARO Lab results) June 2026 - July 2026

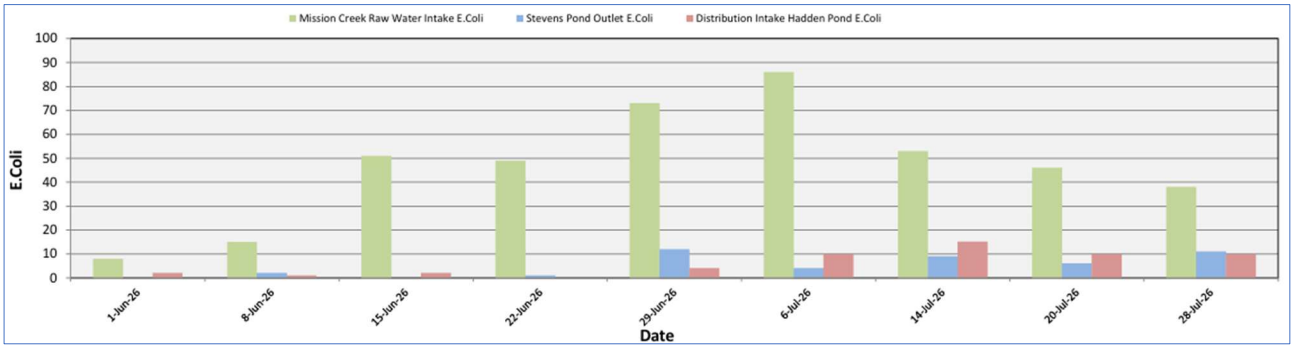


Table 2.1 - *E.Coli* Readings (CARO Labs)

Date	Mission Creek Raw Water Intake E.Coli	Stevens Pond Outlet E.Coli	Distribution Intake Hadden Pond E.Coli
1-Jun-26	8	0	2
8-Jun-26	15	2	1
15-Jun-26	51	0	2
22-Jun-26	49	1	0
29-Jun-26	73	12	4
6-Jul-26	86	4	10
14-Jul-26	53	9	15
20-Jul-26	46	6	10
28-Jul-26	38	11	10

Stevens or WTP Intake (Raw) - Sampling of raw water at intake from Mission Creek

Stevens Outlet (Raw) - Sampling point after exiting 142,000 m^3 1st upper balancing reservoir (Stevens Res.)

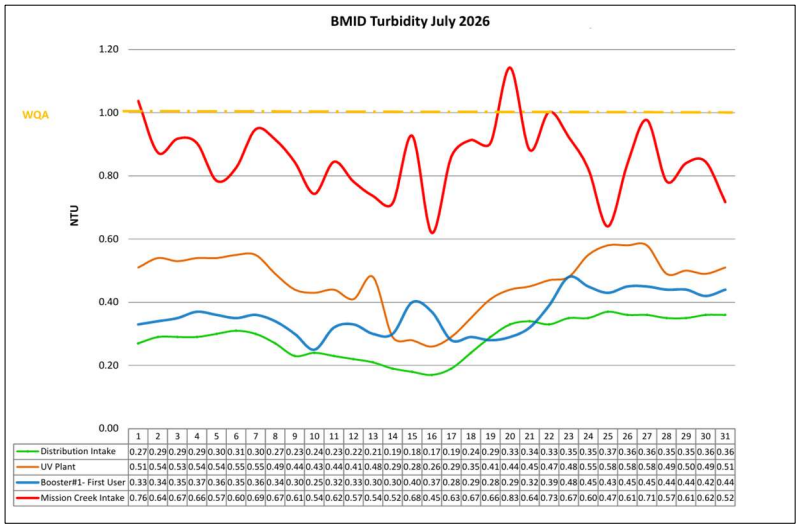
Hadden Outlet (Raw) - Sampling point after exiting 75,000 m^3 2nd lower balancing reservoir (Hadden Res.)

(*Hadden Outlet = Distribution Intake - Point of Disinfection*)

3.0 RAW AND TREATED WATER TURBIDITY

Turbidity is measured online at four locations, Mission Creek raw water intake, the Distribution Intake, the UV treatment plant, and Booster #1. The first user of the BMID system is located near Booster #1. The highest turbidity level recorded at this location was 0.48 NTU on July 23, 2026.

Figure 3.1 – Daily Turbidity Readings
(Mission Creek Raw - Distribution Intake – UV Plant and Booster Station #1)



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Distribution Intake	0.27	0.29	0.29	0.29	0.30	0.31	0.30	0.27	0.23	0.24	0.23	0.22	0.21	0.19	0.18	0.17	0.19	0.24	0.29	0.33	0.34	0.33	0.35	0.35	0.37	0.36	0.36	0.35	0.35	0.36	0.36
UV Plant	0.51	0.54	0.53	0.54	0.54	0.55	0.55	0.49	0.44	0.43	0.44	0.41	0.48	0.29	0.28	0.26	0.29	0.35	0.41	0.44	0.45	0.47	0.48	0.55	0.58	0.58	0.58	0.49	0.50	0.49	0.51
Booster#1- First User	0.33	0.34	0.35	0.37	0.36	0.35	0.36	0.34	0.30	0.25	0.32	0.33	0.30	0.30	0.40	0.37	0.28	0.29	0.28	0.29	0.32	0.39	0.48	0.45	0.43	0.45	0.45	0.44	0.44	0.42	0.44
Mission Creek Intake	0.76	0.64	0.67	0.66	0.57	0.60	0.69	0.67	0.61	0.54	0.62	0.57	0.54	0.52	0.68	0.45	0.63	0.67	0.66	0.83	0.64	0.73	0.67	0.60	0.47	0.61	0.71	0.57	0.61	0.62	0.52

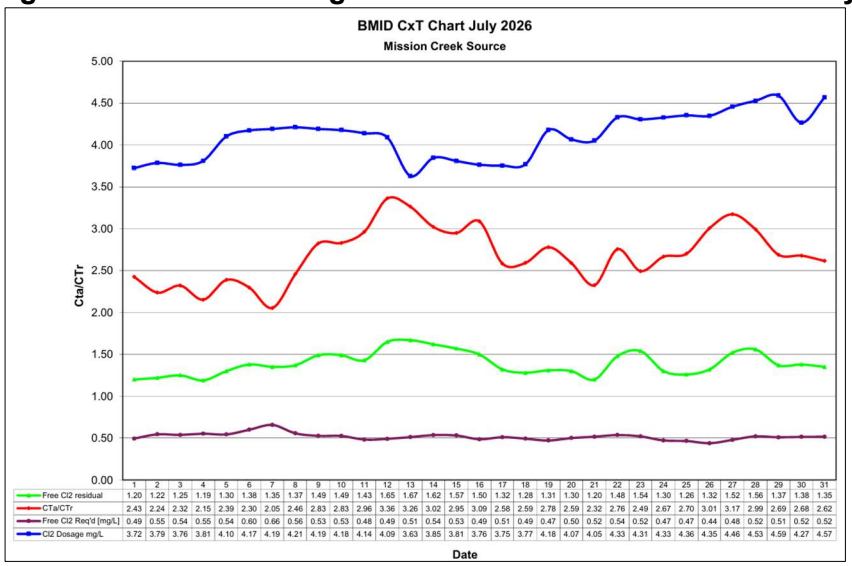
Table 3.1 - Daily Monitoring Record – Turbidity at On-Line Turbidity Analyzers

Turbidity Point Sampling for July 2026				
Date	Mission Creek Intake	Distribution Intake	UV Plant	Booster#1- First User
	Daily Average [NTU]	Daily Average [NTU]	Daily Average [NTU]	Daily Average [NTU]
1	0.76	0.27	0.51	0.33
2	0.64	0.29	0.54	0.34
3	0.67	0.29	0.53	0.35
4	0.66	0.29	0.54	0.37
5	0.57	0.30	0.54	0.36
6	0.60	0.31	0.55	0.35
7	0.69	0.30	0.55	0.36
8	0.67	0.27	0.49	0.34
9	0.61	0.23	0.44	0.30
10	0.54	0.24	0.43	0.25
11	0.62	0.23	0.44	0.32
12	0.57	0.22	0.41	0.33
13	0.54	0.21	0.48	0.30
14	0.52	0.19	0.29	0.30
15	0.68	0.18	0.28	0.40
16	0.45	0.17	0.26	0.37
17	0.63	0.19	0.29	0.28
18	0.67	0.24	0.35	0.29
19	0.66	0.29	0.41	0.28
20	0.83	0.33	0.44	0.29
21	0.64	0.34	0.45	0.32
22	0.73	0.33	0.47	0.39
23	0.67	0.35	0.48	0.48
24	0.60	0.35	0.55	0.45
25	0.47	0.37	0.58	0.43
26	0.61	0.36	0.58	0.45
27	0.71	0.36	0.58	0.45
28	0.57	0.35	0.49	0.44
29	0.61	0.35	0.50	0.44
30	0.62	0.36	0.49	0.42
31	0.52	0.36	0.51	0.44
AVG	0.62	0.29	0.47	0.36

4.0 CHLORINE CONTACT TIME

Temperature, pH, peak flow and chlorine residual levels are recorded to determine the CT levels that are required to provide 3 log inactivation of *Giardia*. Chlorine Contact times exceeded the CT levels required to provide 3 log (99.9%) inactivation of *Giardia Lamblia* throughout the month of July, 2026.

Figure 4.1 - CT Trending – BMID Mission Creek Source – July 2026



CTa – CT achieved
CTr – CT Required

The minimum CT that BMID achieved was 2.05 X that of what was required

Table 4.2 - CT Table – Mission Creek Source

BMID July 2026 Mission Creek Source												
DATE	pH (Average)	TEMP (Present)	PEAK FLOW	Free Cl2 residual	CT achieved	CT req'd	CTa/CTr	Free Cl2 Req'd	Cl2 Dosage	TIME	FLOW Daily Average	Dosage Average
July								[mg/L]	mg/L	[mins]	L/s	KG/Day
1	8.11	18.5	867	1.20	231.2	95.3	2.43	0.49	3.72	193	714	230
2	8.10	18.6	964	1.22	211.6	94.6	2.24	0.55	3.79	173	785	257
3	8.14	18.6	936	1.25	223.3	96.2	2.32	0.54	3.76	179	752	245
4	8.19	18.6	952	1.19	208.9	97.1	2.15	0.55	3.81	176	824	271
5	8.15	19.1	970	1.30	224.0	93.8	2.39	0.54	4.10	172	837	297
6	8.17	19.1	1,054	1.38	218.8	95.2	2.30	0.60	4.17	159	907	327
7	8.15	19.3	1,182	1.35	190.9	93.0	2.05	0.66	4.19	141	945	342
8	7.99	19.7	1,084	1.37	211.2	85.9	2.46	0.56	4.21	154	951	346
9	7.87	19.9	1,070	1.49	232.8	82.4	2.83	0.53	4.19	156	944	342
10	7.82	20.1	1,101	1.49	226.1	79.9	2.83	0.53	4.18	152	911	329
11	7.79	20.2	1,033	1.43	231.3	78.0	2.96	0.48	4.14	162	841	301
12	7.79	20.2	1,029	1.65	268.1	79.7	3.36	0.49	4.09	163	894	316
13	7.82	20.1	1,052	1.67	265.2	81.3	3.26	0.51	3.63	159	981	308
14	7.87	20.0	1,081	1.62	250.4	82.9	3.02	0.54	3.85	155	933	310
15	7.89	20.4	1,102	1.57	238.2	80.8	2.95	0.53	3.81	152	957	315
16	7.88	20.7	1,037	1.50	241.9	78.3	3.09	0.49	3.76	161	912	297
17	7.89	20.4	1,085	1.32	203.3	78.7	2.58	0.51	3.75	154	915	297
18	8.02	20.6	1,022	1.28	209.3	80.7	2.59	0.49	3.77	164	861	281
19	8.13	21.4	991	1.31	221.0	79.5	2.78	0.47	4.18	169	833	301
20	8.21	21.4	1,029	1.30	211.1	81.5	2.59	0.50	4.07	162	867	305
21	8.27	21.3	1,043	1.20	192.3	82.7	2.32	0.52	4.05	160	924	324
22	8.17	21.8	1,125	1.48	220.0	79.8	2.76	0.54	4.33	149	945	354
23	8.16	21.8	1,089	1.54	199.6	80.0	2.49	0.52	4.31	154	852	317
24	8.15	21.6	1,002	1.30	210.3	78.8	2.67	0.47	4.33	167	850	318
25	8.15	21.9	1,014	1.26	207.7	76.9	2.70	0.47	4.36	165	835	314
26	8.15	21.6	929	1.32	237.6	79.0	3.01	0.44	4.35	180	806	303
27	8.14	21.5	988	1.52	257.1	81.0	3.17	0.48	4.46	169	799	308
28	8.14	21.2	1,050	1.56	248.5	83.0	2.99	0.52	4.53	159	846	331
29	8.14	21.2	1,046	1.37	219.0	81.4	2.69	0.51	4.59	160	846	336
30	8.17	20.9	1,024	1.38	225.2	84.1	2.68	0.52	4.27	163	857	316
31	8.24	20.8	999	1.35	225.8	86.3	2.62	0.52	4.57	167	811	320
Averages	8.06	20.40	1031	1.39	224.6	84.1	2.69	0.52	4.11	162.8	869.0	308

*This calculation is based on a total volume of 10,030 m^3 of water to calculate contact time

5.0 ULTRAVIOLET DISINFECTION

Total Water Treated:	2,417,194 m^3	100.000%
On-Spec Water:	2,415,298 m^3	99.921%
Off-Spec Water:	1,896 m^3	0.079%

Average monthly chlorine residual before UV Treatment was 1.46 mg/L
The average monthly chlorine residual after UV treatment and re-chlorination was 1.53 mg/L.

Figure 5.1 - UV Disinfection – BMID Mission Creek Source – July 2026

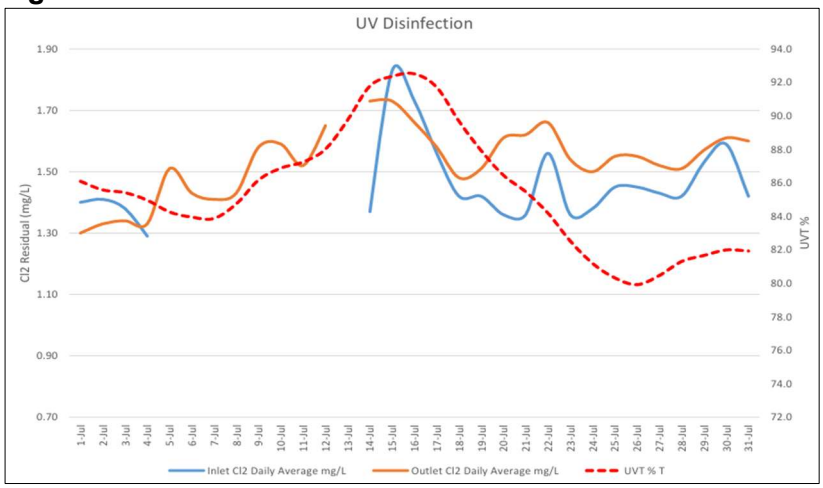


Table 5.2 - UV Disinfection Table – Mission Creek Source

	Inlet Cl2 Daily	Outlet Cl2 Daily		UVT	Turbidity		In Spec Water Volume	Off Spec Water Volume	Off Spec % of Water Volume
Date	mg/L	mg/L		% T	NTU		Cubic Meters	Cubic Meters	Percentage
1-Jul	1.40	1.30		86.1	0.51		62,615.90	0	0.00%
2-Jul	1.41	1.33		85.6	0.54		68,642.40	0	0.00%
3-Jul	1.38	1.34		85.4	0.53		70,117.80	0	0.00%
4-Jul	1.29	1.33		85.0	0.54		72,357.70	0	0.00%
5-Jul	NA	1.51		84.3	0.54		74,116.50	0	0.00%
6-Jul	NA	1.43		84.0	0.55		80,880.20	0	0.00%
7-Jul	NA	1.41		83.9	0.55		83,093.30	0	0.00%
8-Jul	NA	1.43		84.7	0.49		85,322.00	926.1	1.09%
9-Jul	NA	1.58		86.2	0.44		85,247.30	926.1	1.09%
10-Jul	NA	1.59		86.9	0.43		81,283.20	0	0.00%
11-Jul	NA	1.52		87.2	0.44		75,020.60	0	0.00%
12-Jul	NA	1.65		88.0	0.41		79,576.90	0	0.00%
13-Jul	NA	NA		89.8	0.48		81,058.40	0	0.00%
14-Jul	1.37	1.73		91.8	0.29		84,389.80	0	0.00%
15-Jul	1.83	1.73		92.4	0.28		85,802.40	0	0.00%
16-Jul	1.73	1.66		92.5	0.26		83,348.00	0	0.00%
17-Jul	1.56	1.58		91.7	0.29		83,011.60	0	0.00%
18-Jul	1.42	1.48		89.7	0.35		77,236.30	41.9	0.05%
19-Jul	1.42	1.51		87.9	0.41		76,180.30	2.1	0.00%
20-Jul	1.36	1.61		86.5	0.44		78,383.80	0	0.00%
21-Jul	1.36	1.62		85.5	0.45		82,647.40	0	0.00%
22-Jul	1.56	1.66		84.2	0.47		84,847.90	0	0.00%
23-Jul	1.36	1.54		82.5	0.48		78,238.10	0	0.00%
24-Jul	1.38	1.50		81.2	0.55		77,355.60	0	0.00%
25-Jul	1.45	1.55		80.3	0.58		74,907.70	0	0.00%
26-Jul	1.45	1.55		79.9	0.58		74,005.80	0	0.00%
27-Jul	1.43	1.52		80.5	0.58		72,151.10	0	0.00%
28-Jul	1.42	1.51		81.3	0.49		77,630.00	0	0.00%
29-Jul	1.53	1.57		81.7	0.50		78,011.90	0	0.00%
30-Jul	1.59	1.61		82.0	0.49		72,594.60	0	0.00%
31-Jul	1.42	1.60		81.9	0.51		75,223.00	0	0.00%
Average	1.46	1.53		85.49		Total	2,415,297.50	1896.2	0.079%

*The inlet chlorine residual analyser required maintenance from July 5 to July 13.

6.0 WATER DISTRIBUTION SAMPLING (TREATED)

Third Party Analysis (CARO Analytical Services)

- Samples taken once per week at ten locations around the BMID service area.
- 31 samples were found to be absent of Coliforms.
- 31 samples were found to be absent of *E.Coli*.

Table 6.1 - CARO Independent Lab Testing – Total Coliforms – *E.Coli*

Date	1-Jun-26		8-Jun-26		15-Jun-26		22-Jun-26		29-Jun-26		6-Jul-26		14-Jul-26		20-Jul-26		28-Jul-26	
	Coliforms	E.Coli	Coliforms	E.Coli	Coliforms	E.Coli	Coliforms	E.Coli	Coliforms	E.Coli	Coliforms	E.Coli	Coliforms	E.Coli	Coliforms	E.Coli	Coliforms	E.Coli
2921 Belgo Rd			0	0			0	0			0	0			0	0		
Booster #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ellison Blow-Off	0	0			0	0			0	0			0	0			0	0
Ellison School	0	0			0	0			0	0			0	0			0	0
3976 Highway 97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prospect Reservoir			0	0			0	0			0	0			0	0		
Tower Ranch Reservoir	0	0			0	0			0	0			0	0			0	0
Well #4																		
Well #5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Well# 6									0	0							0	0
Surface water at Well #4																		
Kirshner Reservoir			0	0			0	0			0	0			0	0		
Pearson School	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Esquire Reservoir			0	0			0	0			0	0			0	0		

In-House Analysis (BMID Staff)

- Presence/Absence samples taken on a three-week cycle at seven sites around the BMID service area.
- 9 of 9 samples were found to be absent of bacteria.

Table 6.2 - BMID In-house Testing – Presence Absence

Location	7/6/2026				7/14/2026				7/20/2026				7/28/2026			
	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.
Sylvania Cres					0.76	24.3	-	X								
170 Kneller Rd					1.05	25.5	-	X								
2105 Morrison									1.17	25.7	-	X				
Staymen Rd									0.61	25.3	-	X				
260 Campion Rd	0.02	17.8	-	X									0.03	22.7	-	X
Fenwick Rd	0.27	19.9	-	X									0.15	23.4	-	X
Solly Ct					1.23	22.1	-	X								

Table 6.3 - BMID Disinfection By-product Testing – THM and HAA

14-Jul-26		
Location	THM (mg/L)	HAA (mg/L)
Kirschner Reservoir	0.1000	**0.1100**
Pearson School	0.0909	0.0719
2921 Belgo Rd	0.0970	0.0771
Ellison School	0.0088	<0.00200
3976 Hwy 97 N	0.0970	0.0771

*Ellison School sample primarily groundwater from Well #5

- THM quarterly averages (0.0787 mg/L) were within acceptable limits as set out in the Guideline for Canadian Drinking Water Quality (below 0.10 mg/L).
- HAA quarterly averages (0.0676 mg/L) were within acceptable limits (below 0.08 mg/L).

7.0 CUSTOMER CALLS - INFRASTRUCTURE REPAIRS – CONSTRUCTION ACTIVITY

7.1 Customer Complaints

Date	Incident
NA	No water quality incidences reported

7.2 Infrastructure Repairs & Renewal

Date	Incident
July 8, 2026	Stem and curb box repairs at various locations
July 23, 2026	2199 Verde Vista – Stem and curb box repair
July 29, 2026	1521 Kloppenberg – Stem repair

7.3 New Water Infrastructure Construction

Date	Incident
July 1, 2026	Cornish Well upgrade - ongoing
July 15, 2026	Plumbing for blow-off