



MONTHLY REPORTING PERIOD -

AUGUST, 2026

SUMMARY

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

WATER SUPPLY SUMMARY

Water Source	Active / Not Active	Volume (Mega Liters)	Irrigation / Domestic	Comments
Mission Ck.	Active	1,802.65	Domestic/Irrig.	Primary Water supply. Domestic and irrig. demand.
Scotty Creek	Active	108.26	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	167.74	Domestic/Irrig	Well #5 has resumed operations for summer 2026
Well 6	Active	43.62	Irrig. only	Well # 6 has resumed operations for summer 2026
August 2026	Total:	2,122.28	10 Year Average for August = 2,549.18	

WATER QUALITY SUMMARY

Raw Water Microbiological Summary		E-Coli		
Location	# of Samples	Lowest <i>E. Coli</i> Reading	Ave. <i>E. Coli</i> Reading	Highest <i>E. Coli</i> Reading
Mission Creek Intake	5	5	16	28
Stevens Reservoir	5	1	5.6	19
Hadden Reservoir	5	3	5	8
Treated Water Microbiological Summary		Turbidity Summary		
Location	Low Reading	Average Reading	High Reading	Comments
Mission Creek Raw Water	0.58 NTU	0.76 NTU	1.06 NTU	
Distribution Intake	0.32 NTU	0.42 NTU	0.57 NTU	
UV Plant	0.48 NTU	0.61 NTU	0.83 NTU	
Booster # 1 (first customer)	0.42 NTU	0.47 NTU	0.56 NTU	
UV Treatment Plant				
Plant Flow Volume	In-Spec	Off-Spec	% Off-Spec	Comments
1,802,653 m ³	1,802,256 m ³	397 m ³	0.022%	

WATER QUALITY DISTRIBUTION TESTING

		CARO (third party) Testing	38
BMID Population:	30,000	In House Pres./Absence	12
Required Minimum # of Tests:	30	Total Tests:	50
		Total Positive Tests:	1 *
*see section 6.2 for details			

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



1.0 FLOWS - AUGUST, 2026

Mission Creek provided 85% of the 2,122 Mega Liters used in the BMID system in August.

Figure 1.1 - Domestic Water System Flow

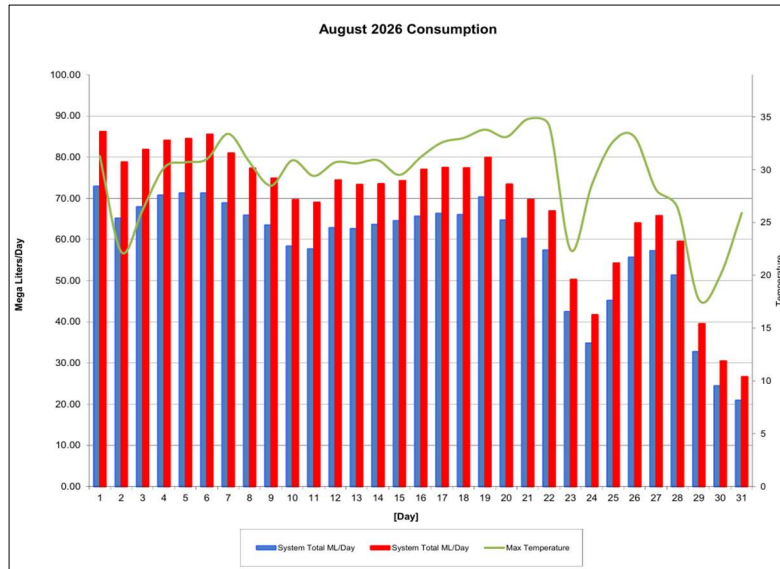


Table 1.2 - August 2026 - Daily Consumption Report

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-Aug	72.91	-	4.42	3.51	5.34	86.18
2-Aug	65.13	-	4.96	3.52	5.19	78.80
3-Aug	67.91	-	5.23	3.53	5.16	81.83
4-Aug	70.75	-	5.20	3.52	4.59	84.06
5-Aug	71.25	-	4.65	3.53	5.05	84.49
6-Aug	71.25	-	5.38	3.52	5.40	85.55
7-Aug	68.90	-	5.65	2.33	4.11	80.99
8-Aug	65.87	-	5.59	0.89	4.95	77.30
9-Aug	63.49	-	5.85	0.43	5.08	74.85
10-Aug	58.35	-	5.89	0.51	4.89	69.64
11-Aug	57.68	-	5.34	1.92	4.03	68.98
12-Aug	62.82	-	4.92	2.86	3.84	74.44
13-Aug	62.65	-	4.73	3.01	2.97	73.36
14-Aug	63.65	-	5.68	1.81	2.36	73.49
15-Aug	64.56	-	5.96	0.33	3.42	74.27
16-Aug	65.64	-	5.89	0.91	4.57	77.01
17-Aug	66.31	-	5.90	1.85	3.40	77.46
18-Aug	65.99	-	5.33	2.91	3.16	77.39
19-Aug	70.30	-	5.77	0.00	3.84	79.91
20-Aug	64.70	-	6.05	0.00	2.67	73.42
21-Aug	60.24	-	5.82	0.09	3.55	69.71
22-Aug	57.41	-	5.79	0.00	3.74	66.93
23-Aug	42.44	-	5.56	0.00	2.32	50.32
24-Aug	34.82	-	5.01	0.00	1.89	41.72
25-Aug	45.21	-	5.47	0.02	3.54	54.24
26-Aug	55.70	-	5.75	0.00	2.55	64.00
27-Aug	57.26	-	5.66	0.32	2.49	65.73
28-Aug	51.38	-	5.82	0.57	1.76	59.53
29-Aug	32.73	-	5.78	0.00	1.02	39.54
30-Aug	24.42	-	4.91	0.35	0.80	30.47
31-Aug	20.93	-	3.76	1.39	0.59	26.67
Totals ML	1,802.65	0.00	167.74	43.62	108.26	2,122.28
Avg's	58.15	0.00	5.41	1.41	3.49	68.46
Max	72.91	0.00	6.05	3.53	5.40	86.18
Min	20.93	0.00	3.76	0.00	0.59	26.67

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) July 2026 - August 2026

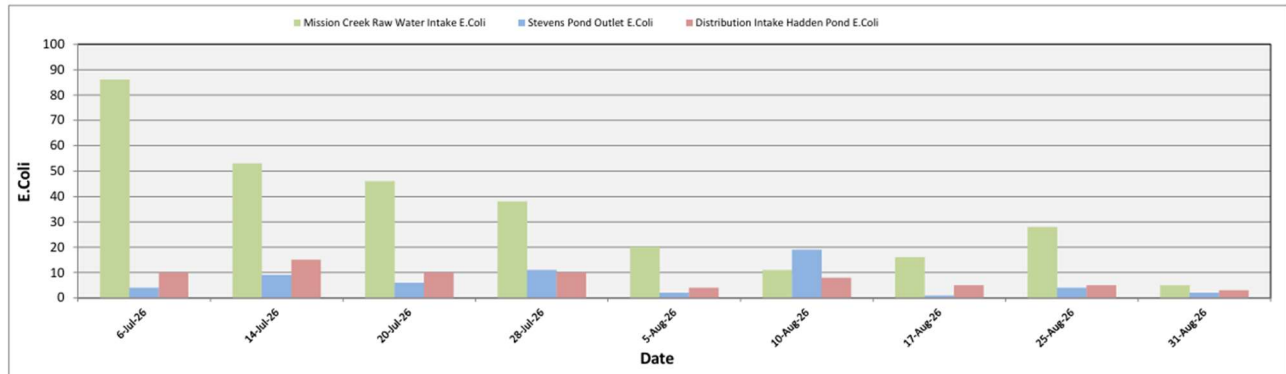


Table 2.1 - *E.Coli* Readings (CARO Labs)

Date	Mission Creek Raw Water Intake E.Coli	Stevens Pond Outlet E.Coli	Distribution Intake Hadden Pond E.Coli
6-Jul-26	86	4	10
14-Jul-26	53	9	15
20-Jul-26	46	6	10
28-Jul-26	38	11	10
5-Aug-26	20	2	4
10-Aug-26	11	19	8
17-Aug-26	16	1	5
25-Aug-26	28	4	5
31-Aug-26	5	2	3

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

Stevens Outlet (Raw) - Sampling point after exiting 142,000 m³ 1st upper balancing reservoir (Stevens Res.)

Hadden Outlet (Raw) - Sampling point after exiting 75,000 m³ 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 0.56 NTU on August 25, 2026.

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

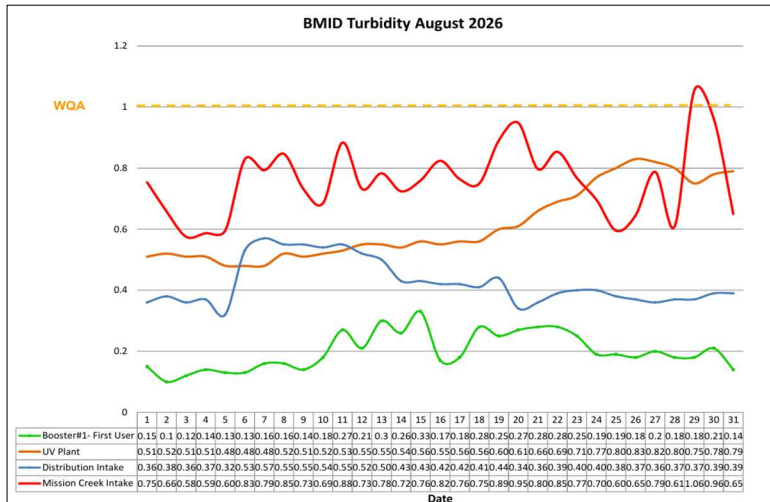


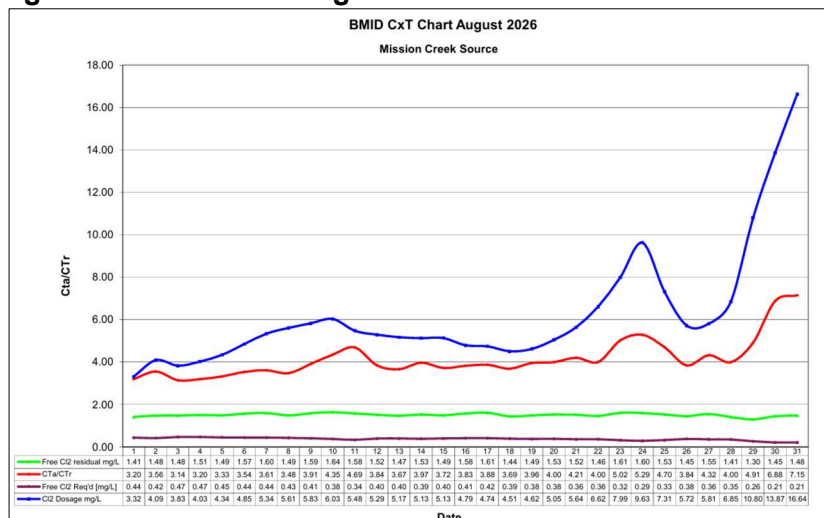
Table 3.1 - Daily Monitoring Record – Turbidity at On-Line Turbidity Analyzers

Turbidity Point Sampling for August 2026				
Date	Mission Creek Intake Daily Average [NTU]	Distribution Intake Daily Average [NTU]	UV Plant Daily Average [NTU]	Booster#1- First User Daily Average [NTU]
1	0.75	0.36	0.51	0.43
2	0.66	0.38	0.52	0.45
3	0.58	0.36	0.51	0.44
4	0.59	0.37	0.51	0.43
5	0.60	0.32	0.48	0.42
6	0.83	0.53	0.48	0.42
7	0.79	0.57	0.48	0.42
8	0.85	0.55	0.52	0.45
9	0.73	0.55	0.51	0.47
10	0.69	0.54	0.52	0.44
11	0.88	0.55	0.53	0.45
12	0.73	0.52	0.55	0.46
13	0.78	0.50	0.55	0.45
14	0.72	0.43	0.54	0.46
15	0.76	0.43	0.56	0.46
16	0.82	0.42	0.55	0.45
17	0.76	0.42	0.56	0.44
18	0.75	0.41	0.56	0.43
19	0.89	0.44	0.60	0.47
20	0.95	0.34	0.61	0.47
21	0.80	0.36	0.66	0.50
22	0.85	0.39	0.69	0.51
23	0.77	0.40	0.71	0.51
24	0.70	0.40	0.77	0.55
25	0.60	0.38	0.80	0.56
26	0.65	0.37	0.83	0.55
27	0.79	0.36	0.82	0.53
28	0.61	0.37	0.80	0.51
29	1.06	0.37	0.75	0.48
30	0.96	0.39	0.78	0.48
31	0.65	0.39	0.79	0.47
AVG	0.76	0.42	0.61	0.47

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 August, 2026.

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



*pH values taken from samples at WTP lab. The on-line analysers, after chlorination, underwent maintenance resulting in unstable readings.

Table 4.2 - CT Table – Mission Creek Source

BMID August 2026 Mission Creek Source												
DATE	pH	TEMP	PEAK	Free Cl2	CT	CT	CTa/CTr	Free Cl2	Cl2	TIME	FLOW	Dosage
August	(Average)	(Present)	FLOW	residual	achieved	req'd		Req'd	Dosage	[mins]	Daily Average	Average
			L/s	mg/L				[mg/L]	mg/L		L/s	KG/Day
1	7.85	20.8	967	1.41	243.9	76.3	3.20	0.44	3.32	173	802	229.9
2	7.86	20.5	884	1.48	280.0	78.7	3.56	0.42	4.09	189	726	256.9
3	7.80	20.1	993	1.48	249.1	79.3	3.14	0.47	3.83	168	739	244.6
4	7.88	19.9	952	1.51	265.0	82.9	3.20	0.47	4.03	176	780	271.3
5	7.69	19.8	960	1.49	259.4	78.0	3.33	0.45	4.34	174	791	296.7
6	7.65	19.7	951	1.57	276.0	78.0	3.54	0.44	4.85	176	781	327.1
7	7.68	19.4	916	1.60	291.9	80.7	3.61	0.44	5.34	182	742	342.4
8	7.66	19.4	903	1.49	275.7	79.3	3.48	0.43	5.61	185	714	346.1
9	7.67	19.3	839	1.59	316.8	81.0	3.91	0.41	5.83	199	679	341.9
10	7.73	19.6	774	1.64	354.1	81.3	4.35	0.38	6.03	216	631	328.9
11	7.54	19.9	760	1.58	347.7	74.1	4.69	0.34	5.48	220	636	301.1
12	7.71	19.9	846	1.52	300.4	78.2	3.84	0.40	5.29	198	691	316.2
13	7.81	20.2	849	1.47	289.3	78.9	3.67	0.40	5.17	197	688	307.5
14	7.76	20.4	837	1.53	305.5	77.0	3.97	0.39	5.13	200	700	310.1
15	7.70	20.1	873	1.49	285.4	76.6	3.72	0.40	5.13	192	710	314.8
16	7.65	20.0	902	1.58	292.8	76.5	3.83	0.41	4.79	185	717	296.7
17	7.67	20.3	918	1.61	293.2	75.7	3.88	0.42	4.74	182	724	296.7
18	7.72	20.7	886	1.44	271.7	73.7	3.69	0.39	4.51	189	720	280.6
19	7.61	20.5	871	1.49	285.9	72.2	3.96	0.38	4.62	192	754	300.9
20	7.58	19.8	850	1.53	300.9	75.3	4.00	0.38	5.05	197	699	304.7
21	7.71	20.0	778	1.52	326.7	77.7	4.21	0.36	5.64	215	664	323.6
22	7.66	19.8	792	1.46	308.0	76.9	4.00	0.36	6.62	211	619	353.8
23	7.65	19.5	670	1.61	398.9	79.4	5.02	0.32	7.99	249	459	317.1
24	7.61	18.7	585	1.60	437.3	82.7	5.29	0.29	9.63	286	382	317.9
25	7.49	19.0	706	1.53	362.4	77.1	4.70	0.33	7.31	237	497	314.2
26	7.57	19.2	813	1.45	298.1	77.6	3.84	0.38	5.72	206	612	302.6
27	7.44	19.1	795	1.55	325.8	75.3	4.32	0.36	5.81	210	614	307.8
28	7.51	18.6	748	1.41	315.2	78.9	4.00	0.35	6.85	224	560	331.1
29	7.55	18.5	556	1.30	390.6	79.6	4.91	0.26	10.80	300	360	335.7
30	7.49	17.7	421	1.45	575.9	83.7	6.88	0.21	13.87	397	263	315.8
31	7.44	17.7	420	1.48	589.2	82.4	7.15	0.21	16.64	398	223	320.0
Averages	7.66	19.68	807	1.51	317.5	78.1	4.06	0.38	5.91	210.8	634.78	307.82

*This calculation is based on a total volume of 10,030 m³ of water to calculate contact time

5.0 ULTRAVIOLET DISINFECTION

Total Water Treated:	1,802,653 m ³	100.000%
On-Spec Water:	1,802,256 m ³	99.978%
Off-Spec Water:	397 m ³	0.022%

Average monthly chlorine residual before UV Treatment was 1.58 mg/L

The average monthly chlorine residual after UV treatment and re-chlorination was 1.59 mg/L.

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

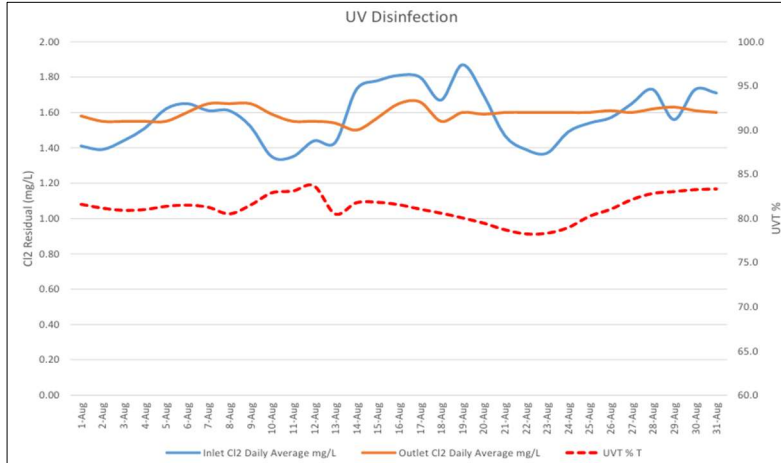


Table 5.2 - UV Disinfection Table – Mission Creek Source

Date	Inlet Cl ₂ Daily mg/L	Outlet Cl ₂ Daily mg/L	UVT % T	Turbidity NTU	In Spec Water Volume Cubic Meters	Off Spec Water Cubic Meters	Off Spec % of Water Percentage
1-Aug	1.41	1.58	81.6	0.51	72,914	0	0.00%
2-Aug	1.39	1.55	81.2	0.52	65,134	0	0.00%
3-Aug	1.44	1.55	80.9	0.51	67,911	0	0.00%
4-Aug	1.51	1.55	81.0	0.51	70,750	0	0.00%
5-Aug	1.62	1.55	81.4	0.48	71,253	0	0.00%
6-Aug	1.65	1.60	81.5	0.48	71,130	115	0.16%
7-Aug	1.61	1.65	81.3	0.48	68,891	6	0.01%
8-Aug	1.61	1.65	80.5	0.52	65,870	0	0.00%
9-Aug	1.52	1.65	81.5	0.51	63,229	262	0.41%
10-Aug	1.35	1.59	82.9	0.52	58,336	13	0.02%
11-Aug	1.35	1.55	83.1	0.53	57,684	0	0.00%
12-Aug	1.44	1.55	83.7	0.55	62,820	0	0.00%
13-Aug	1.43	1.54	80.5	0.55	62,646	0	0.00%
14-Aug	1.73	1.50	81.8	0.54	63,648	0	0.00%
15-Aug	1.78	1.57	81.8	0.56	64,556	0	0.00%
16-Aug	1.81	1.65	81.6	0.55	65,644	0	0.00%
17-Aug	1.80	1.66	81.1	0.56	66,310	0	0.00%
18-Aug	1.67	1.55	80.6	0.56	65,989	0	0.00%
19-Aug	1.87	1.60	80.1	0.60	70,301	0	0.00%
20-Aug	1.70	1.59	79.5	0.61	64,697	0	0.00%
21-Aug	1.47	1.60	78.7	0.66	60,244	0	0.00%
22-Aug	1.39	1.60	78.3	0.69	57,411	0	0.00%
23-Aug	1.37	1.60	78.3	0.71	42,443	0	0.00%
24-Aug	1.49	1.60	79.0	0.77	34,815	0	0.00%
25-Aug	1.54	1.60	80.2	0.80	45,207	0	0.00%
26-Aug	1.57	1.61	81.0	0.83	55,697	0	0.00%
27-Aug	1.65	1.60	82.1	0.82	57,263	0	0.00%
28-Aug	1.73	1.62	82.8	0.80	51,377	0	0.00%
29-Aug	1.56	1.63	83.0	0.75	32,733	0	0.00%
30-Aug	1.73	1.61	83.3	0.78	24,424	0	0.00%
31-Aug	1.71	1.60	83.3	0.79	20,929	0	0.00%
Average	1.58	1.59	81.22	0.61	Total 1,802,256.40	396.7	0.022%



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.
- 38 samples were found to be absent of Coliforms.
- 38 samples were found to be absent of *E. Coli*.

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

Date	6-Jul-26		14-Jul-26		20-Jul-26		28-Jul-26		5-Aug-26		10-Aug-26		17-Aug-26		25-Aug-26		31-Aug-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			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		
Ellison School			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			0	0
Tower Ranch Reservoir			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			0	0
Pearson School	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			0	0

In-House Analysis (BMID Staff)

- Presence/Absence samples taken on a three-week cycle at seven sites around the BMID service area.
- 11 of 12 samples were found to be absent of bacteria.
 - The August 31st sample from Staymen Rd, showed the presence of bacteria. Two samples were taken to a third-party for retesting. No bacteria were found in the retested samples.
 - It is assumed that the positive sample was caused by operator error.

Table 6.2 - BMID In-house Testing – Presence Absence

Location	5/8/2026				5/10/2026				5/17/2026				5/25/2026				5/31/2026			
	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.
Sylvania Cres	0.68	22.7	-	X									0.68	22.7	-	X				
170 Kneller Rd	0.65	23.4	-	X									0.90	23.0	-	X				
2105 Morrison					1.04	20.6	-	X									0.44	19.3	-	X
Staymen Rd					0.51	19.9	-	X									0.16	20.2	X	-
260 Campion Rd									0.08	20.4	-	X								
Fenwick Rd									0.21	21.3	-	X								
Solly Ct	0.94	24.2	-	X									1.14	23.1	-	X				



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
August 5, 2026	1496 Latta Rd – Service repair
August 7, 2026	1613 Feedham – Service repair

7.3 New Water Infrastructure Construction

Date	Incident
August 1, 2026	Cornish Well upgrade - ongoing