



MONTHLY REPORTING PERIOD - SEPTEMBER, 2026

SUMMARY

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

WATER SUPPLY SUMMARY

Water Source	Active / Not Active	Volume (Mega Liters)	Irrigation / Domestic	Comments
Mission Ck.	Active	769.40	Domestic/Irrig.	Primary Water supply. Domestic and irrig. demand.
Scotty Creek	Active	1.18	Irrig. only	Scotty Creek was placed in stand-by Sep 3, 2026
Well 3 Cornish	Not Active	0	Irrig. only	Well #3 upgrade underway to provide for irrigation
Well 4	Active	0.20	Domestic	Well 4 activated for season – on stand-by as backup source in the north end
Well 5	Active	13.55	Domestic/Irrig	Well #5 was placed in stand-by Sep 5, 2026
Well 6	Active	28.93	Irrig. only	Well # 6 was placed in stand-by Sep 27, 2026
September 2026	Total:	813.27		10 Year Average for September = 1,332.40

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	4	1	12.25	22
Stevens Reservoir	4	0	0.75	2
Hadden Reservoir	4	1	1	1
Treated Water Microbiological Summary				
Turbidity Summary				
Location	Low Reading	Average Reading	High Reading	Comments
Mission Creek Raw Water	0.49 NTU	0.87 NTU	3.22 NTU	*See section 3.1 for more information
Distribution Intake	0.23 NTU	0.28 NTU	0.38 NTU	
UV Plant	0.40 NTU	0.64 NTU	1.20 NTU	
Booster # 1 (first customer)	0.24 NTU	0.33 NTU	0.53 NTU	
UV Treatment Plant				
Plant Flow Volume	In-Spec	Off-Spec	% Off-Spec	Comments
769,402 m³	769,402 m³	0 m³	0.000%	

WATER QUALITY DISTRIBUTION TESTING

		CARO (third party) Testing	30
BMID Population:	30,000	In House Pres./Absence	9
Required Minimum # of Tests:	30	Total Tests:	39
		Total Positive Tests:	0

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



1.0 FLOWS - SEPTEMBER, 2026

Mission Creek provided 85% of the 813 Mega Liters used in the BMID system in September.

Figure 1.1 - Domestic Water System Flow

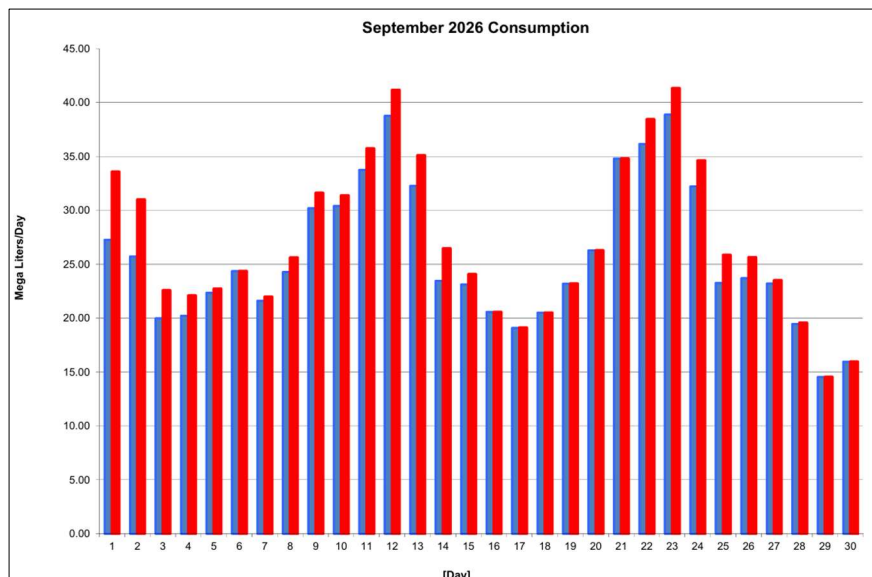


Table 1.2 - September 2026 - Daily Consumption Report

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-Sep	27.26	0.00	4.33	1.39	0.59	33.57
2-Sep	25.71	0.00	4.50	0.22	0.56	31.00
3-Sep	19.97	0.00	2.55	0.02	0.03	22.58
4-Sep	20.22	0.00	1.80	0.08	0.00	22.09
5-Sep	22.35	0.00	0.37	0.00	0.00	22.72
6-Sep	24.36	0.00	0.00	0.00	0.00	24.36
7-Sep	21.61	0.00	0.00	0.37	0.00	21.97
8-Sep	24.28	0.00	0.00	1.34	0.00	25.61
9-Sep	30.20	0.00	0.00	1.41	0.00	31.61
10-Sep	30.39	0.00	0.00	0.98	0.00	31.38
11-Sep	33.74	0.00	0.00	2.00	0.00	35.74
12-Sep	38.76	0.00	0.00	2.40	0.00	41.16
13-Sep	32.25	0.00	0.00	2.84	0.00	35.10
14-Sep	23.45	0.00	0.00	3.00	0.00	26.45
15-Sep	23.11	0.00	0.00	0.97	0.00	24.08
16-Sep	20.56	0.00	0.00	0.00	0.00	20.56
17-Sep	19.08	0.00	0.00	0.03	0.00	19.11
18-Sep	20.50	0.00	0.00	0.00	0.00	20.50
19-Sep	23.19	0.00	0.00	0.00	0.00	23.19
20-Sep	26.29	0.00	0.00	0.00	0.00	26.29
21-Sep	34.80	0.00	0.00	0.00	0.00	34.80
22-Sep	36.15	0.00	0.00	2.29	0.00	38.44
23-Sep	38.87	0.00	0.00	2.44	0.00	41.31
24-Sep	32.20	0.00	0.00	2.41	0.00	34.61
25-Sep	23.27	0.00	0.00	2.58	0.00	25.85
26-Sep	23.69	0.00	0.00	1.94	0.00	25.63
27-Sep	23.21	0.08	0.00	0.22	0.00	23.50
28-Sep	19.45	0.12	0.00	0.00	0.00	19.57
29-Sep	14.54	0.00	0.00	0.00	0.00	14.54
30-Sep	15.96	0.00	0.00	0.00	0.00	15.96
Totals ML	769.40	0.20	13.55	28.93	1.18	813.27
Avg's	25.65	0.01	0.45	0.96	0.04	27.11
Max	38.87	0.12	4.50	3.00	0.59	41.31
Min	14.54	0.00	0.00	0.00	0.00	14.54

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) August 2026 - September 2026

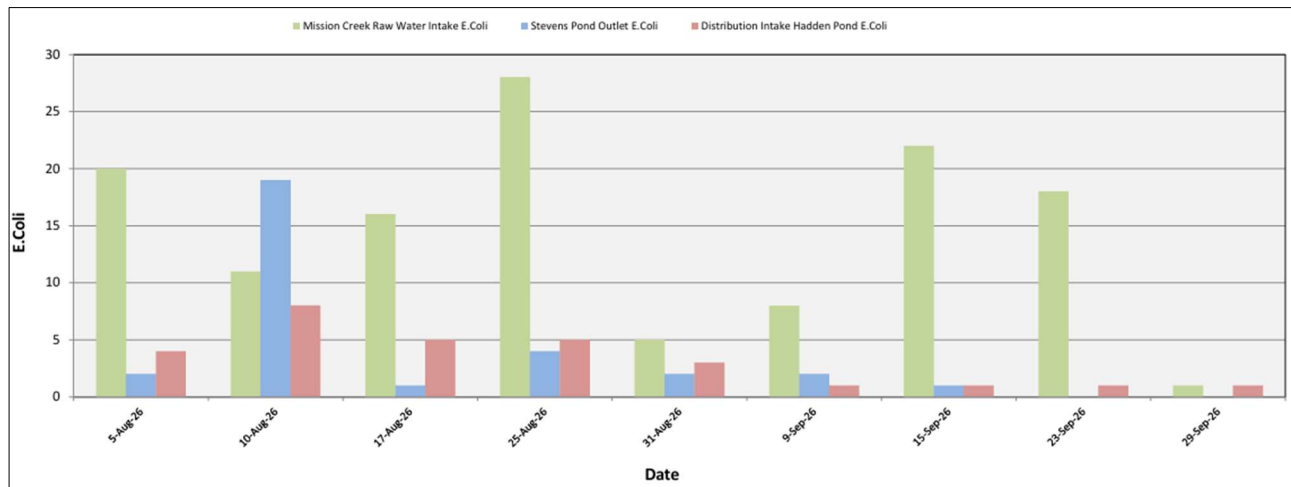


Table 2.1 - *E.Coli* Readings (CARO Labs)

Date	Mission Creek Raw Water Intake E.Coli	Stevens Pond Outlet E.Coli	Distribution Intake Hadden Pond E.Coli
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
9-Sep-26	8	2	1
15-Sep-26	22	1	1
23-Sep-26	18	0	1
29-Sep-26	1	0	1

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 0.53 NTU on September 1, 2026.

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

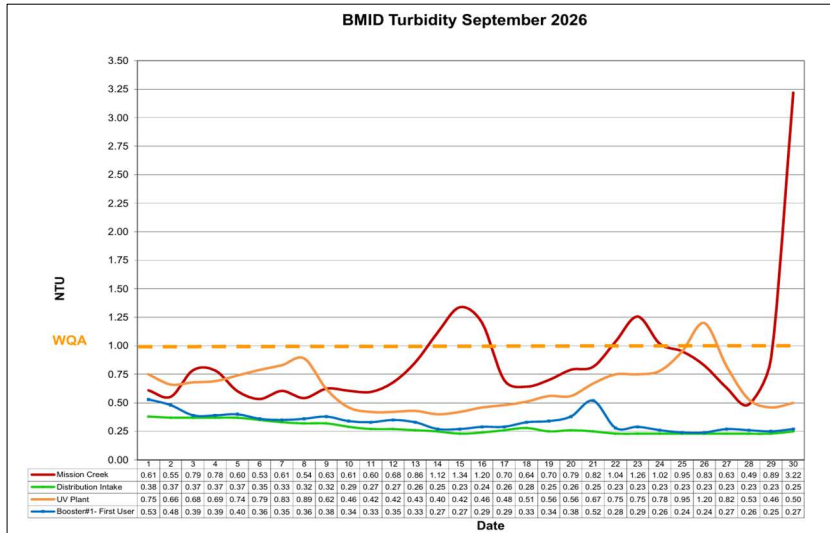


Table 3.1 - Daily Monitoring Record – Turbidity at On-Line Turbidity Analyzers

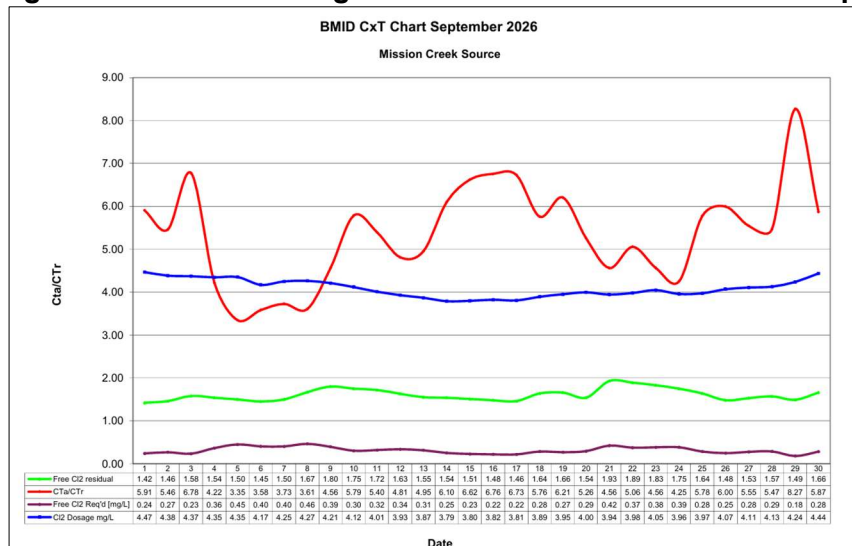
Turbidity Point Sampling for September 2026				
Date	Mission Creek Intake	Distribution Intake	UV Plant	Booster#1- First User
	Daily Average [NTU]	Daily Average [NTU]	Daily Average [NTU]	Daily Average [NTU]
1	0.61	0.38	0.75	0.53
2	0.55	0.37	0.66	0.48
3	0.79	0.37	0.68	0.39
4	0.78	0.37	0.69	0.39
5	0.60	0.37	0.74	0.40
6	0.53	0.35	0.79	0.36
7	0.61	0.33	0.83	0.35
8	0.54	0.32	0.89	0.36
9	0.63	0.32	0.62	0.38
10	0.61	0.29	0.46	0.34
11	0.60	0.27	0.42	0.33
12	0.68	0.27	0.42	0.35
13	0.86	0.26	0.43	0.33
14	1.12	0.25	0.40	0.27
15	1.34	0.23	0.42	0.27
16	1.20	0.24	0.46	0.29
17	0.70	0.26	0.48	0.29
18	0.64	0.28	0.51	0.33
19	0.70	0.25	0.56	0.34
20	0.79	0.26	0.56	0.38
21	0.82	0.25	0.67	0.52
22	1.04	0.23	0.75	0.28
23	1.26	0.23	0.75	0.29
24	1.02	0.23	0.78	0.26
25	0.95	0.23	0.95	0.24
26	0.83	0.23	1.20	0.24
27	0.63	0.23	0.82	0.27
28	0.49	0.23	0.53	0.26
29	0.89	0.23	0.46	0.25
30	3.22	0.25	0.50	0.27
Average	0.87	0.28	0.64	0.33

* The UV turbidity meter experiences significant changes in results before and after cleaning

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 September, 2026.

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



CTa – CT achieved
CTr – CT Required

The minimum CT that BMID achieved was 3.35 X that of what was required

*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 September 2026												
Mission Creek Source												
DATE	pH	TEMP	PEAK	Free Cl2	CT	CT	CTa/CTr	Free Cl2	Cl2	TIME	FLOW	Dosage
	(Average)	(Present)	FLOW	residual	achieved	req'd		Req'd	Dosage		Daily Average	
September								[mg/L]	mg/L	[mins]	L/s	KG/Day
1	7.52	17.6	473	1.42	501.5	84.9	5.91	0.24	4.47	353	302	117
2	8.18	17.4	412	1.46	591.9	108.4	5.46	0.27	4.38	405	276	105
3	8.24	17.4	348	1.58	758.2	111.9	6.78	0.23	4.37	480	212	80
4	9.47	16.9	364	1.54	708.0	167.8	4.22	0.36	4.35	460	224	84
5	9.72	16.5	407	1.50	616.5	184.3	3.35	0.45	4.35	411	238	90
6	9.85	16.5	356	1.45	680.9	190.0	3.58	0.40	4.17	470	260	94
7	9.93	16.6	347	1.50	722.5	193.8	3.73	0.40	4.25	482	238	87
8	9.99	16.0	371	1.67	752.5	208.7	3.61	0.46	4.27	451	261	96
9	8.74	15.7	439	1.80	685.8	150.4	4.56	0.39	4.21	381	323	118
10	7.72	16.5	498	1.75	587.1	101.5	5.79	0.30	4.12	335	335	119
11	7.78	16.0	498	1.72	577.5	107.0	5.40	0.32	4.01	336	365	126
12	7.82	15.8	519	1.63	524.9	109.1	4.81	0.34	3.93	322	421	143
13	7.93	15.8	465	1.55	557.0	112.4	4.95	0.31	3.87	359	347	116
14	7.87	15.3	370	1.54	695.2	113.9	6.10	0.25	3.79	451	251	82
15	7.71	15.2	352	1.51	717.0	108.2	6.62	0.23	3.80	475	246	81
16	7.69	17.4	398	1.48	621.7	92.0	6.76	0.22	3.82	420	224	74
17	7.67	14.4	323	1.46	755.9	112.3	6.73	0.22	3.81	518	205	67
18	7.65	13.5	394	1.64	695.7	120.7	5.76	0.28	3.89	424	218	73
19	7.65	14.1	385	1.66	720.1	116.0	6.21	0.27	3.95	434	255	87
20	7.64	14.9	453	1.54	568.7	108.2	5.26	0.29	4.00	369	288	100
21	7.66	15.0	632	1.93	510.5	111.9	4.56	0.42	3.94	264	376	128
22	7.70	15.0	552	1.89	572.0	113.1	5.06	0.37	3.98	303	402	138
23	7.73	14.9	560	1.83	522.8	114.6	4.56	0.38	4.05	299	419	146
24	7.75	14.6	551	1.75	497.4	117.0	4.25	0.39	3.96	303	344	118
25	7.74	14.4	405	1.64	676.3	117.1	5.78	0.28	3.97	412	250	86
26	7.75	14.1	349	1.48	708.3	118.1	6.00	0.25	4.07	479	256	90
27	7.74	13.5	374	1.53	683.9	123.3	5.55	0.28	4.11	447	245	87
28	7.74	13.0	375	1.57	700.5	128.2	5.47	0.29	4.13	446	209	74
29	7.71	13.0	239	1.49	1040.8	125.8	8.27	0.18	4.24	699	154	56
30	7.68	13.1	376	1.66	737.9	125.7	5.87	0.28	4.44	445	169	65
Averages	8.13	15.34	420	1.61	656.3	126.5	5.36	0.31	4.09	414.4	277.19	97.61

*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: 769,402 m³ 100.000%
On-Spec Water: 769,402 m³ 100.000%
Off-Spec Water: 0 m³ 0.000%

Average monthly chlorine residual before UV Treatment was 1.71 mg/L
The average monthly chlorine residual after UV treatment and re-chlorination was 1.66 mg/L.

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

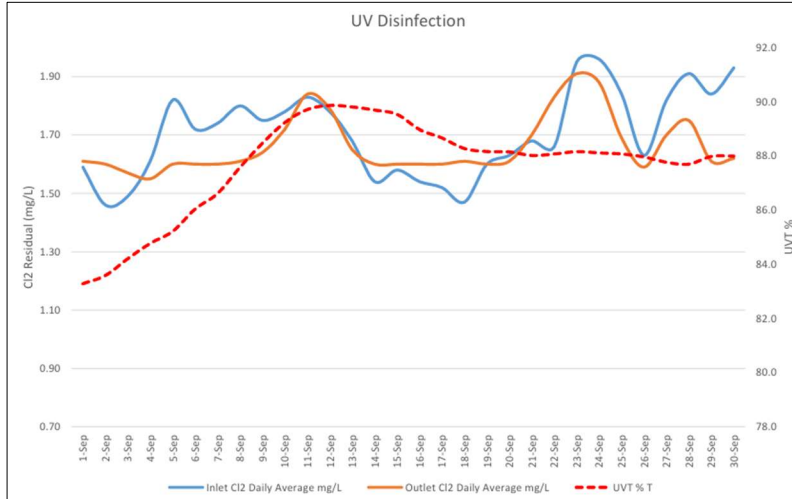


Table 5.2 - UV Disinfection Table – Mission Creek Source

	Inlet Cl2	Outlet Cl2	UVT	Turbidity	In Spec Water	Off Spec	Off Spec %
Date	Daily	Daily	% T	NTU	Volume	Water	of Water
	mg/L	mg/L			Cubic Meters	Cubic Meters	Percentage
1-Sep	1.59	1.61	83.3	0.75	27,260	0	0.00%
2-Sep	1.46	1.60	83.6	0.66	25,711	0	0.00%
3-Sep	1.49	1.57	84.2	0.68	19,973	0	0.00%
4-Sep	1.61	1.55	84.8	0.69	20,216	0	0.00%
5-Sep	1.82	1.60	85.2	0.74	22,347	0	0.00%
6-Sep	1.72	1.60	86.0	0.79	24,361	0	0.00%
7-Sep	1.74	1.60	86.6	0.83	21,606	0	0.00%
8-Sep	1.80	1.61	87.6	0.89	24,275	0	0.00%
9-Sep	1.75	1.64	88.5	0.62	30,198	0	0.00%
10-Sep	1.78	1.72	89.2	0.46	30,394	0	0.00%
11-Sep	1.83	1.84	89.7	0.42	33,740	0	0.00%
12-Sep	1.78	1.79	89.9	0.42	38,764	0	0.00%
13-Sep	1.68	1.65	89.8	0.43	32,252	0	0.00%
14-Sep	1.54	1.60	89.7	0.40	23,451	0	0.00%
15-Sep	1.58	1.60	89.5	0.42	23,111	0	0.00%
16-Sep	1.54	1.60	89.0	0.46	20,560	0	0.00%
17-Sep	1.52	1.60	88.7	0.48	19,082	0	0.00%
18-Sep	1.47	1.61	88.3	0.51	20,498	0	0.00%
19-Sep	1.60	1.60	88.2	0.56	23,193	0	0.00%
20-Sep	1.63	1.61	88.1	0.56	26,288	0	0.00%
21-Sep	1.68	1.70	88.0	0.67	34,801	0	0.00%
22-Sep	1.66	1.83	88.1	0.75	36,146	0	0.00%
23-Sep	1.95	1.91	88.2	0.75	38,870	0	0.00%
24-Sep	1.96	1.88	88.1	0.78	32,201	0	0.00%
25-Sep	1.84	1.69	88.1	0.95	23,268	0	0.00%
26-Sep	1.63	1.59	88.0	1.20	23,694	0	0.00%
27-Sep	1.82	1.70	87.8	0.82	23,207	0	0.00%
28-Sep	1.91	1.75	87.7	0.53	19,448	0	0.00%
29-Sep	1.84	1.61	88.0	0.46	14,536	0	0.00%
30-Sep	1.93	1.62	88.0	0.50	15,956	0	0.00%
Average	1.71	1.66	87.65	0.64	Total 769,402.30	0	0.000%



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

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

Date	5-Aug-26		10-Aug-26		17-Aug-26		25-Aug-26		31-Aug-26		9-Sep-26		15-Sep-26		23-Sep-26		29-Sep-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													0	0				
Well #5	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
Well #6							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.
- All 9 samples were found to be absent of bacteria.

Table 6.2 - BMID In-house Testing – Presence Absence

Location	9/9/2026				9/15/2026				9/23/2026				9/29/2026			
	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.
Sylvania Cres					0.84	18.8	-	X								
170 Kneller Rd					0.86	19.2	-	X								
2105 Morrison									0.94	20.1	-	X				
Staymen Rd									1.17	22.6	-	X				
260 Campion Rd	0.06	19.5	-	X									0.03	18.7	-	X
Fenwick Rd	0.48	19.9	-	X									0.59	18.6	-	X
Solly Ct					0.75	19	-	X								



7.0 CUSTOMER CALLS - INFRASTRUCTURE REPAIRS – CONSTRUCTION ACTIVITY

7.1 Customer Complaints

Date	Incident
Sep 09, 2026	Stockley St – Low water pressure resulting from a clogged personal RO filter
Sep 16, 2026	Seaford Rd – Taste and odor issues, high chlorine taste
Sep 28, 2026	375 Houghton Ct – Clogged personal RO filter

7.2 Infrastructure Repairs & Renewal

Date	Incident
Sep 8, 2026	WTP – Rapid mixer repair
Sep 17, 2026	265 McCurdy Rd – Curb stop valve replacement
Sep 22, 2026	531-537 Hein Rd – Stem and curb stop valve replacements

7.3 New Water Infrastructure Construction

Date	Incident
Sep 3, 2026	Cornish Well upgrade - ongoing
Sep 18, 2026	Tunnel Rd – Hauling material - ongoing
Sep 23, 2026	Wells 4,5,6 – Generator installation - Ongoing