MONTHLY REPORTING PERIOD - NOVEMBER, 2025

SUMMARY

This document provides a summary of water quantity and quality data collected by BMID in November 2025.

WATER SUPPLY SUMMARY

Water Source	Active / Not Active	Volume (Mega Liters)	Irrigation / Domestic	Comments
Mission Ck.	**Active**	**233.88**	**Domestic/Irrig.**	Primary Water supply. Domestic and irrig. demand.
Scotty Creek	Not Active	0	Irrig. only	Scotty Creek source ended operations in September 2025
Well 3 Cornish	Not Active	0	Irrig. only	Well #3 upgrade underway to provide for irrigation
Well 4	**Active**	**9.82**	**Domestic**	Well 4 resumed operations September 2025
Well 5	Not Active	0	Domestic/Irrig	Well #5 ended operations in September 2025
Well 6	Not Active	0	Irrig. only	Well # 6 ended operations in September 2025
November 2025	**Total:**	**243.70**		**10 Year Average for November = 227.58**

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	0	1.0	3
Stevens Reservoir	4	0	3.0	11
Hadden Reservoir	4	0	0.25	1

Treated Water Microbiological Summary		**Turbidity Summary**		
Location	Low Reading	Average Reading	High Reading	Comments
Mission Creek Raw Water	0.36 NTU	0.67 NTU	1.91 NTU	
Distribution Intake	0.34 NTU	0.46 NTU	0.54 NTU	
UV Plant	*0.60 NTU	*0.81 NTU	*1.23 NTU	* See section 3.1 for comments
Booster # 1 (first customer)	0.41 NTU	0.48 NTU	0.54 NTU	
		UV Treatment Plant		
Plant Flow Volume	In-Spec	Off-Spec	% Off-Spec	Comments
m^3	233,879 m^3	0 m^3	0.00%	

WATER QUALITY DISTRIBUTION TESTING

		CARO (third party) Testing	**24**
BMID Population:	30,000	In House Pres./Absence	**10**
Required Minimum # of Tests:	30	Total Tests:	**34**
		Total Positive Tests:	**0**

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

1.0 FLOWS - NOVEMBER, 2025

Mission Creek provided 96% of the 244 Mega Liters used in the BMID system in November, with Well 4 supplying the remaining 4%.

Figure 1.1 - Domestic Water System Flow

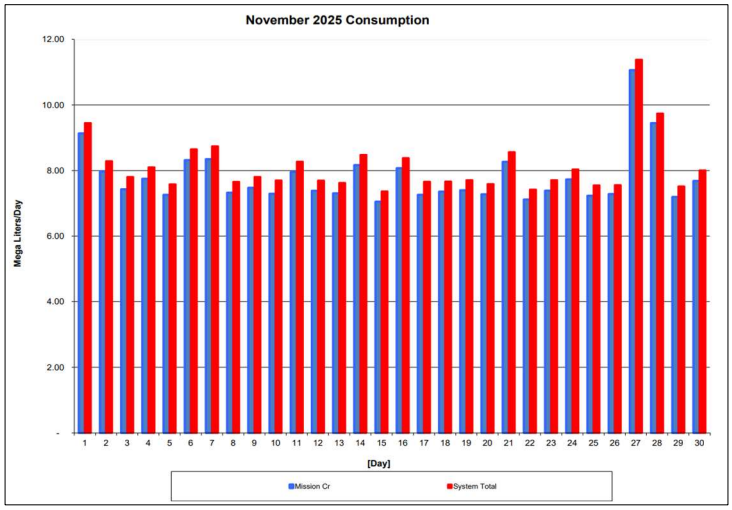


Table 1.2 - November 2025 - Daily Consumption Report

Year	Mission Cr	Well #4	Well #5	System Total
2025	ML/Day	ML/Day	ML/Day	ML/Day
1-Nov	9.13	0.32	-	9.45
2-Nov	7.97	0.32	-	8.29
3-Nov	7.43	0.38	-	7.81
4-Nov	7.75	0.35	-	8.10
5-Nov	7.26	0.32	-	7.58
6-Nov	8.32	0.33	-	8.65
7-Nov	8.35	0.40	-	8.74
8-Nov	7.32	0.33	-	7.66
9-Nov	7.47	0.33	-	7.81
10-Nov	7.29	0.41	-	7.70
11-Nov	7.96	0.32	-	8.27
12-Nov	7.38	0.31	-	7.70
13-Nov	7.30	0.32	-	7.62
14-Nov	8.16	0.31	-	8.48
15-Nov	7.05	0.32	-	7.37
16-Nov	8.07	0.31	-	8.38
17-Nov	7.26	0.40	-	7.66
18-Nov	7.36	0.31	-	7.67
19-Nov	7.40	0.31	-	7.71
20-Nov	7.28	0.31	-	7.59
21-Nov	8.26	0.30	-	8.56
22-Nov	7.12	0.30	-	7.42
23-Nov	7.38	0.33	-	7.71
24-Nov	7.73	0.31	-	8.03
25-Nov	7.23	0.32	-	7.55
26-Nov	7.28	0.28	-	7.56
27-Nov	11.06	0.32	-	11.38
28-Nov	9.44	0.30	-	9.74
29-Nov	7.19	0.32	-	7.52
30-Nov	7.68	0.33	-	8.01
Totals ML	**233.88**	**9.82**	**-**	**243.69**
Avg's	7.8	0.33	-	8.1
Max	11.1	0.41	-	11.4
Min	7.0	0.28	-	7.4

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) October 2025 - November 2025

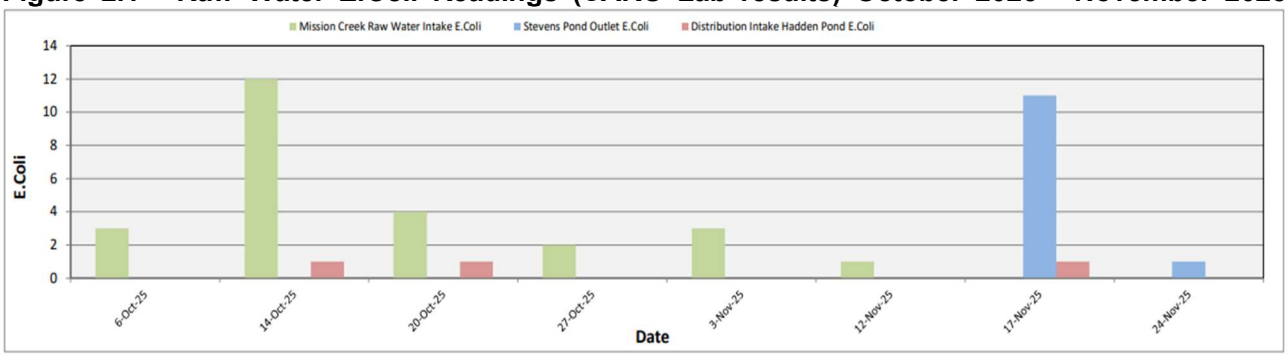


Table 2.1 - *E.Coli* Readings (CARO Labs)

Date	Mission Creek Raw Water Intake E.Coli	Stevens Pond Outlet E.Coli	Distribution Intake Hadden Pond E.Coli
6-Oct-25	3	0	0
14-Oct-25	12	0	1
20-Oct-25	4	0	1
27-Oct-25	2	0	0
3-Nov-25	3	0	0
12-Nov-25	1	0	0
17-Nov-25	0	11	1
24-Nov-25	0	1	0

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.)

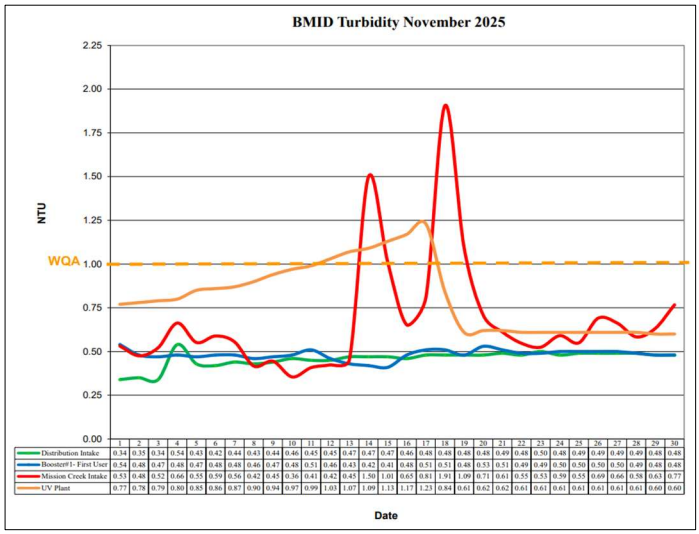
Hadden Outlet (Raw) - Sampling point after exiting 75,000 m^3 2nd lower balancing reservoir (Hadden Res.)

(*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 0.54 NTU on November 1, 2025.

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



The turbidity meter at the UV plant required cleaning and calibration during December. After cleaning/calibration, turbidity results reduced to normal levels on December 18. The turbidity meters upstream and downstream of this location remained stable throughout December.

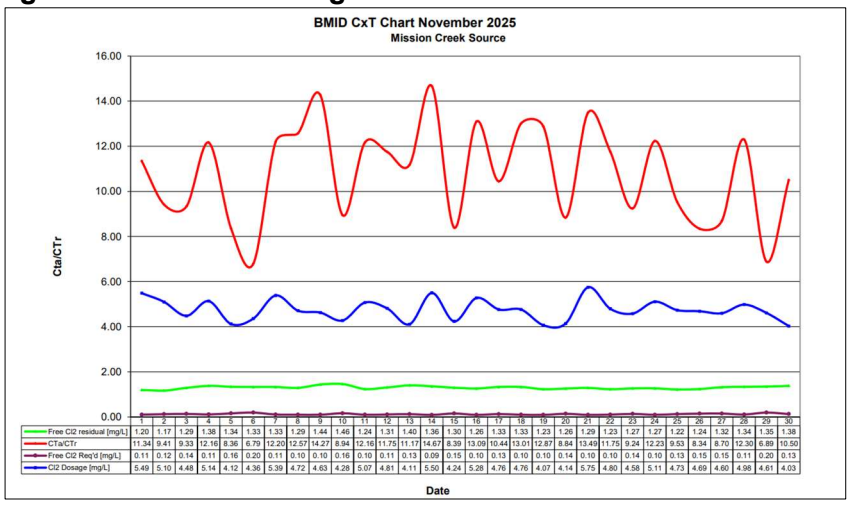
Table 3.1 - Daily Monitoring Record – Turbidity at On-Line Turbidity Analyzers

Turbidity Point Sampling for November 2025				
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	0.53	0.34	0.77	0.54
2	0.48	0.35	0.78	0.48
3	0.52	0.34	0.79	0.47
4	0.66	0.54	0.80	0.48
5	0.55	0.43	0.85	0.47
6	0.59	0.42	0.86	0.48
7	0.56	0.44	0.87	0.48
8	0.42	0.43	0.90	0.46
9	0.45	0.44	0.94	0.47
10	0.36	0.46	0.97	0.48
11	0.41	0.45	0.99	0.51
12	0.42	0.45	1.03	0.46
13	0.45	0.47	1.07	0.43
14	1.50	0.47	1.09	0.42
15	1.01	0.47	1.13	0.41
16	0.65	0.46	1.17	0.48
17	0.81	0.48	1.23	0.51
18	1.91	0.48	0.84	0.51
19	1.09	0.48	0.61	0.48
20	0.71	0.48	0.62	0.53
21	0.61	0.49	0.62	0.51
22	0.55	0.48	0.61	0.49
23	0.53	0.50	0.61	0.49
24	0.59	0.48	0.61	0.50
25	0.55	0.49	0.61	0.50
26	0.69	0.49	0.61	0.50
27	0.66	0.49	0.61	0.50
28	0.58	0.49	0.61	0.49
29	0.63	0.48	0.60	0.48
30	0.77	0.48	0.60	0.48
AVG	0.67	0.46	0.81	0.48

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 November, 2025.

Figure 4.1 - CT Trending – BMID Mission Creek Source – November 2025



CTa – CT achieved
CTr – CT Required

The minimum CT that BMID achieved was 6.79 X that of what was required

Table 4.2 - CT Table – Mission Creek Source

BMID November 2025 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
November								[mg/L]	mg/L	[mins]	L/s	KG/Day
1	7.30	10.0	136.6	1.20	1468.9	129.5	11.34	0.11	5.49	1224	69.5	32.9
2	7.31	9.7	157.2	1.17	1244.4	132.2	9.41	0.12	5.10	1064	64.0	28.2
3	7.29	9.5	171.1	1.29	1260.0	135.0	9.33	0.14	4.48	977	69.6	26.9
4	7.30	8.9	132.9	1.38	1735.8	142.7	12.16	0.11	5.14	1258	62.9	27.9
5	7.31	8.8	186.6	1.34	1200.2	143.6	8.36	0.16	4.12	896	73.9	26.3
6	7.30	8.8	229.1	1.33	970.4	142.9	6.79	0.20	4.36	730	79.6	30.0
7	7.29	9.0	129.8	1.33	1713.1	140.4	12.20	0.11	5.39	1288	64.4	30.0
8	7.29	8.9	121.9	1.29	1769.3	140.8	12.57	0.10	4.72	1372	65.1	26.5
9	7.31	8.7	115.4	1.44	2086.3	146.2	14.27	0.10	4.63	1449	67.7	27.1
10	7.32	8.8	186.9	1.46	1305.8	146.0	8.94	0.16	4.28	894	71.4	26.4
11	7.30	8.7	119.7	1.24	1732.1	142.4	12.16	0.10	5.07	1397	65.6	28.7
12	7.29	8.4	127.6	1.31	1716.3	146.1	11.75	0.11	4.81	1310	64.1	26.6
13	7.29	8.7	145.0	1.40	1614.2	144.5	11.17	0.13	4.11	1153	74.6	26.5
14	7.29	8.7	107.7	1.36	2110.3	143.9	14.67	0.09	5.50	1552	61.8	29.4
15	7.29	8.8	182.6	1.30	1190.4	141.9	8.39	0.15	4.24	916	69.9	25.6
16	7.29	8.9	114.7	1.26	1836.0	140.3	13.09	0.10	5.28	1457	64.1	29.2
17	7.30	8.9	150.0	1.33	1482.3	141.9	10.44	0.13	4.76	1114	63.9	26.3
18	7.29	9.0	121.7	1.33	1826.7	140.4	13.01	0.10	4.76	1373	64.9	26.7
19	7.28	8.7	113.1	1.23	1817.6	141.2	12.87	0.10	4.07	1478	76.7	26.9
20	7.28	8.6	167.0	1.26	1261.0	142.7	8.84	0.14	4.14	1001	74.1	26.5
21	7.28	8.6	111.7	1.29	1931.1	143.2	13.49	0.10	5.75	1497	60.4	30.0
22	7.27	8.5	122.6	1.23	1676.5	142.6	11.75	0.10	4.80	1363	62.5	25.9
23	7.27	8.6	161.4	1.27	1315.5	142.3	9.24	0.14	4.58	1036	68.4	27.1
24	7.28	8.5	115.9	1.27	1759.9	143.8	12.23	0.10	5.11	1443	64.0	28.2
25	7.28	8.1	145.5	1.22	1401.4	147.0	9.53	0.13	4.73	1149	64.5	26.4
26	7.29	7.9	165.7	1.24	1251.3	150.0	8.34	0.15	4.69	1009	65.7	26.6
27	7.30	7.9	167.0	1.32	1321.2	151.9	8.70	0.15	4.60	1001	67.6	26.9
28	7.28	7.9	120.5	1.34	1858.8	151.2	12.30	0.11	4.98	1387	63.7	27.4
29	7.29	7.1	204.1	1.35	1105.5	160.6	6.89	0.20	4.61	819	65.9	26.2
30	7.30	6.9	134.0	1.38	1721.7	163.9	10.50	0.13	4.03	1248	80.4	28.0
Averages	7.29	8.62	145	1.31	1556.1	144.0	10.83	0.13	4.74	1195.1	67.68	27.6

*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:	233,879 m^3	100.000%
On-Spec Water:	233,879 m^3	100.000%
Off-Spec Water:	0 m^3	0.000%

Average monthly chlorine residual before UV Treatment was 1.47 mg/L
The average monthly chlorine residual after UV treatment and re-chlorination was 1.40 mg/L.

Figure 5.1 - UV Disinfection – BMID Mission Creek Source – November 2025

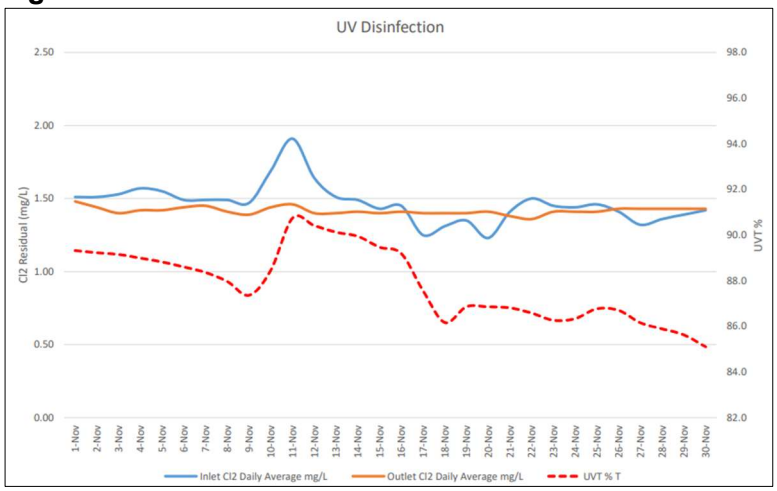


Table 5.2 - UV Disinfection Table – Mission Creek Source

Date	Inlet Cl2 Daily mg/L	Outlet Cl2 Daily mg/L		UVT % T	Turbidity NTU		In Spec Water Cubic Meters	Off Spec Water Cubic Meters	Off Spec % of Water Percentage
1-Nov	1.51	1.48		89.3	0.77		9,131	0	0.00%
2-Nov	1.51	1.44		89.2	0.78		7,967	0	0.00%
3-Nov	1.53	1.40		89.2	0.79		7,428	0	0.00%
4-Nov	1.57	1.42		89.0	0.80		7,748	0	0.00%
5-Nov	1.55	1.42		88.8	0.85		7,259	0	0.00%
6-Nov	1.49	1.44		88.6	0.86		8,318	0	0.00%
7-Nov	1.49	1.45		88.4	0.87		8,345	0	0.00%
8-Nov	1.49	1.41		88.0	0.90		7,323	0	0.00%
9-Nov	1.47	1.39		87.4	0.94		7,472	0	0.00%
10-Nov	1.69	1.44		88.5	0.97		7,292	0	0.00%
11-Nov	1.91	1.46		90.7	0.99		7,955	0	0.00%
12-Nov	1.64	1.40		90.4	1.03		7,382	0	0.00%
13-Nov	1.51	1.40		90.1	1.07		7,304	0	0.00%
14-Nov	1.49	1.41		89.9	1.09		8,164	0	0.00%
15-Nov	1.43	1.40		89.5	1.13		7,049	0	0.00%
16-Nov	1.45	1.41		89.2	1.17		8,069	0	0.00%
17-Nov	1.25	1.40		87.6	1.23		7,258	0	0.00%
18-Nov	1.31	1.40		86.2	0.84		7,357	0	0.00%
19-Nov	1.35	1.40		86.9	0.61		7,398	0	0.00%
20-Nov	1.23	1.41		86.9	0.62		7,275	0	0.00%
21-Nov	1.41	1.38		86.8	0.62		8,265	0	0.00%
22-Nov	1.50	1.36		86.6	0.61		7,117	0	0.00%
23-Nov	1.45	1.41		86.3	0.61		7,385	0	0.00%
24-Nov	1.44	1.41		86.3	0.61		7,726	0	0.00%
25-Nov	1.46	1.41		86.8	0.61		7,231	0	0.00%
26-Nov	1.41	1.43		86.7	0.61		7,282	0	0.00%
27-Nov	1.32	1.43		86.2	0.61		11,060	0	0.00%
28-Nov	1.36	1.43		85.9	0.61		9,444	0	0.00%
29-Nov	1.39	1.43		85.6	0.60		7,194	0	0.00%
30-Nov	1.42	1.43		85.1	0.60		7,681	0	0.00%
Average	1.47	1.40		87.86	0.81	Total	233,879	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.
- 24 samples were found to be absent of Coliforms.
- 24 samples were found to be absent of *E.Coli*.

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

	2921 Belgo Rd		Booster 1		Ellison Blow-Off		Ellison School		3976 Highway 97		Prospect Reservoir		Tower Reservoir		Well #4		Kirschner Res		Pearson School	
Date	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	Coliforms	E.coli
6-Oct-25			0	0	0	0	0	0	0	0			0	0	0	0				
14-Oct-25	0	0	0	0							0	0			0	0	0	0	0	0
20-Oct-25			0	0	0	0	0	0	0	0			0	0	0	0				
27-Oct-25	0	0	0	0							0	0			0	0	0	0	0	0
3-Nov-25			0	0	0	0	0	0	0	0			0	0	0	0				
12-Nov-25	0	0	0	0							0	0			0	0	0	0	0	0
17-Nov-25			0	0	0	0	0	0	0	0			0	0	0	0				
24-Nov-25	0	0	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 10 samples were found to be absent of both *Total Coliforms* and *E.Coli*.

Table 6.2 - BMID In-house Testing – Presence Absence

	11/3/2025				11/12/2025				11/17/2025				11/24/225			
Location	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.
Sylvania Cres	0.83	14.6	-	X									0.66	13.7	-	X
170 Kneller Rd	0.76	16.3	-	X									0.48	13.4	-	X
2105 Morrison					0.61	12.2	-	X								
Staymen Rd					0.45	13.1	-	X								
260 Campion Rd									0.28	15.2	-	X				
Fenwick Rd									0.49	16.5	-	X				
Solly Ct	1.01	15.9	-	X									0.97	14.1	-	X

7.0 WELL #6 POTENTIAL POTABILITY TESTING

Table 7.1 - Well 6 Bacterial Testing

BMID will take monthly bacterial samples on the raw water at Well #6 to determine the potential potability of the source. Results are as follows:

Well 6 Bacterial Testing		
Date	Total Coliforms	E.Coli Coliforms
24-Jun-24	0	0
29-Jul-24	0	0
26-Aug-24	0	0
28-Oct-24	0	0
25-Nov-24	0	0
31-Dec-24	0	0
27-Jan-25	0	0
24-Feb-25	0	0
24-Mar-25	0	0
28-Apr-25	0	0
26-May-25	0	0
7-Jul-25	0	0
28-Jul-25	0	0
25-Aug-25	0	0
29-Sep-25	0	0
27-Oct-25	0	0
24-Nov-25	0	0