BLACK MOUNTAIN IRRIGATION DISTRICT
285 Gray Road
Kelowna, B.C.
V1X 1W8

Office: (250) 765-5169
Fax: (250) 765-0277
www.bmid.ca

BMID FILE: 486

MONTHLY REPORTING PERIOD - AUGUST, 2023

SUMMARY

This document provides a summary of the water quality information collected by BMID in August 2023. Documentation and figures are provided on the following pages to support this submission.

WATER SUPPLY & USAGE SUMMARY

1. Water usage data for August, 2023 is as follows:

Source	Total (US Gallons)	Total (Mega Litres)
Mission Creek	564,423,661	2,136.34
Well 4	3,157,888	11.95
Well 5	37,964,927	143.7
Well 6 (Irrigation Only)	6,922,080	26.20
Scotty Creek (Irrigation Only)	2,195,109	8.31
Total	614,663,665	2,326.50

2. August 2023 was considerably hotter and dryer than the historical average. Average daily highs for August are 28° C with a monthly average of 33 mm of precipitation. For August 2023, the average daily high was 29.7 ° C and only 6.4 mm of rain fell at Kelowna Airport throughout the month;
3. BMID's control gates on the high-elevation reservoirs were opened in early July. These reservoirs continued to be utilized by BMID to maintain adequate flows in Mission creek throughout August;
4. BMID's Scotty Creek source supplying irrigation water to the north-end of the service area, provided water throughout August as irrigation demands in the north-end remained high through the growing season;
5. Well #5, used as the primary domestic water source in the north-end of the system for both irrigation and domestic consumption during the summer months, was in operation throughout most of August. Well #5 was shut-down for maintenance between August 13th and August 17th to replace a VFD drive. Well #5 will be utilized throughout the summer until flows reduce in the fall;
6. Well #4, used as a primary source for domestic water in the north-end of the distribution system during low-flow periods, was placed in stand-by mode throughout most of August. The well was used between August 11th and August 19th to supplement north-end flows during the VFD replacement at Well #5;
7. Well #6, which supplies water to the north-end irrigation distribution system, was in operation throughout most of August. Well #6 will continue to operate until irrigation demand reduces later in the fall;
8. A portion of the BMID's transmission main west of the Mission Creek Intake and east of the tunnel is located on an unstable slope. Slope movement continues to be monitored. It is currently stable and is not moving;

WATER QUALITY SUMMARY

1. The turbidity meter at the UV station had highly variable readings throughout August, leading to inaccurately high turbidity results. Turbidity results from both the Distribution Intake, upstream of the UV station, and Booster #1, downstream of the UV station had stable readings throughout August. These turbidity results indicate that BMID had low system turbidity throughout August, including at the UV treatment plant;
2. The on-line pH probe at Booster #1 was replaced in late August to increase the reliability of the results. Therefore, the downstream UV station pH results were used in place of Booster #1 for the Giardia contact time calculations;
3. The WTP ran throughout all of August as Mission Creek had increased turbidity and colour in the raw water. The WTP will remain in use until the late-fall/early-winter when raw water quality improves;
4. Raw water turbidity levels in Mission Creek peaked at 1.50 NTU on August 8th. Average daily raw water turbidity for August was 0.98 NTU at the Mission Creek Intake;
5. The highest turbidity level at the Distribution Intake (end of Hadden Reservoir) was 0.81 NTU on August 30th, 2023. Average settled water turbidity for August was 0.46 NTU at the Distribution Intake at the lower end of Hadden Reservoir;
6. The highest turbidity level at the first customer (Booster #1) was 0.66 NTU on August 31st. Average monthly turbidity at the first customer was 0.39 NTU;
7. The highest turbidity at the on-line turbidity meter at the UV plant was 1.98 NTU on August 30th. As previously stated, this value is inaccurate and is due to a faulty on-line meter. BMID will work to address the issue with increased maintenance of the meter. Average monthly turbidity at the UV plant was 0.89 NTU throughout August;
8. BMID's Ultraviolet Treatment Facility treated 2,136,210.2 m^3 of water, 376.6 m^3 of which was "Off-Spec" (0.018%);
9. The "Off-Spec" readings at the UV plant were a result of a programming issue during the daily reactor switchover. In each case, adequate primary disinfection was maintained throughout each incident;
10. Regarding microbiological readings, BMID began withdrawing water from the upper elevation reservoirs contributing to the flow of Mission Creek. Mission Creek is expected to have greater variability in microbiological conditions as summer conditions continue in the watershed;
11. *E.Coli* levels at Mission Creek's Point-of-Diversion (creek intake prior to WTP) had average counts for August. The August 8th sample had the peak monthly count of 43 coliforms. The average monthly *E.Coli* was 20.25, based on 4 samples;
12. *E.Coli* levels in the raw water at the water distribution system intake at the east end of Hadden Reservoir, immediately prior to disinfection, had low counts on all 4 samples. The highest *E.*Coli count was on August 15th with a count of 5 coliforms. Average monthly *E.*Coli was 1.75 based on 4 samples. Reduction in *E.Coli* levels is due to the effectiveness of the Water Treatment Plant as well as the settling of particles as water passes through Stevens and Hadden Reservoirs;
13. No *E.Coli* or *Total* Coliforms were found in treated water in the distribution system through third-party analysis. In addition, zero positive samples were detected by BMID's in-house presence/absence testing throughout August;

1.0 FLOWS - AUGUST, 2023

The Maximum Daily Flow was on August 16th, at 24,543,503 US gallons (92.90 ML)

The Minimum Daily Flow was on August 31st, at 12,798,721 US gallons (39.47 ML)

Mission Creek provided just under 92% of domestic and irrigation flow supplied in August.

Figure 1.1 - Domestic Water System Flow

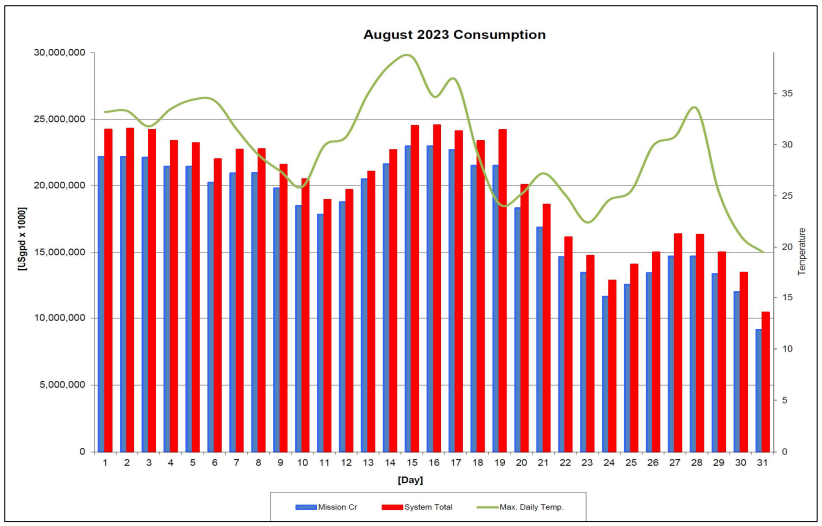


Table 1.2 - August 2023 - Daily Consumption Report

Year	Mission Cr	Well #4	Well #5	Well #6	Scotty Crk	System Total	System Total
2023	Usgpd	Usgpd	Usgpd	Usgpd	Usgpd	Usgpd	ML/Day
1-Aug	22,178,798	0	1,683,027	253,968	98,740	24,214,533	91.65
2-Aug	22,179,485	0	1,678,272	317,592	100,360	24,275,709	91.88
3-Aug	22,114,023	0	1,676,951	317,592	96,650	24,205,216	91.62
4-Aug	21,428,814	0	1,679,329	163,152	107,240	23,378,534	88.49
5-Aug	21,429,527	0	1,689,103	0	96,080	23,214,710	87.87
6-Aug	20,219,170	0	1,683,027	0	96,160	21,998,357	83.26
7-Aug	20,927,812	0	1,682,763	0	92,080	22,702,654	85.93
8-Aug	20,958,561	0	1,679,857	0	107,800	22,746,218	86.09
9-Aug	19,797,446	0	1,687,782	0	97,640	21,582,868	81.69
10-Aug	18,487,047	0	1,679,593	196,152	133,430	20,496,222	77.58
11-Aug	17,827,225	152,426	643,518	196,152	123,480	18,942,801	71.70
12-Aug	18,769,051	429,012	343,949	0	137,277	19,679,289	74.49
13-Aug	20,490,554	444,070	0	0	134,205	21,068,829	79.75
14-Aug	21,626,335	442,749	0	487,080	133,680	22,689,844	85.88
15-Aug	22,963,838	429,805	0	994,752	116,411	24,504,806	92.75
16-Aug	22,964,630	435,881	0	1,029,072	113,921	24,543,503	92.90
17-Aug	22,692,005	269,453	0	1,027,488	109,829	24,098,775	91.21
18-Aug	21,492,426	284,247	473,128	1,026,432	82,132	23,358,366	88.41
19-Aug	21,493,087	270,246	1,654,233	708,312	67,555	24,193,432	91.57
20-Aug	18,310,052	0	1,710,237	0	39,506	20,059,794	75.93
21-Aug	16,864,001	0	1,699,141	0	21,677	18,584,819	70.34
22-Aug	14,646,673	0	1,471,427	1,056	6,063	16,125,219	61.03
23-Aug	13,374,104	0	1,357,834	1,056	0	14,732,994	55.76
24-Aug	11,601,879	0	1,196,162	0	680	12,798,721	48.44
25-Aug	12,504,370	0	1,460,068	24,288	6,805	13,995,530	52.97
26-Aug	13,359,389	0	1,564,943	41,712	13,443	14,979,487	56.70
27-Aug	14,677,977	0	1,620,419	41,712	11,891	16,351,999	61.89
28-Aug	14,678,479	0	1,585,548	44,616	13,168	16,321,812	61.78
29-Aug	13,303,385	0	1,641,024	44,616	8,674	14,997,699	56.77
30-Aug	11,938,699	0	1,437,877	3,432	11,901	13,391,909	50.69
31-Aug	9,124,818	0	1,285,715	1,848	16,634	10,429,015	39.47
Totals Usgpd	564,423,661	3,157,888	37,964,927	6,922,080	2,195,109	614,663,665	2326.50
Totals ML	2,136.34	11.95	143.70	26.20	8.31		
Avg's	18,207,215	68.91				20,141,155	75.05
Max	22,964,630	86.92				24,543,503	92.90
Min	9,124,818	34.54				12,798,721	39.47

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 Distribution Intake's Point of Disinfection and at the Mission Creek raw water Point of Diversion and at Stevens Pond outlet (point halfway between WTP Outlet and Distribution Intake).

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

Throughout August, Mission Creek's flow has been supplemented by BMID's high-elevation storage reservoirs. Moreover, The *E.Coli* readings confirm the WTP's effectiveness in reducing raw water quality risks with coagulation, flocculation, and sedimentation processes followed by settling times across Stevens and Hadden Reservoirs.

Figure 2.1 - Raw Water *E.Coli* Readings (CARO Lab results) July 2023 - August 2023

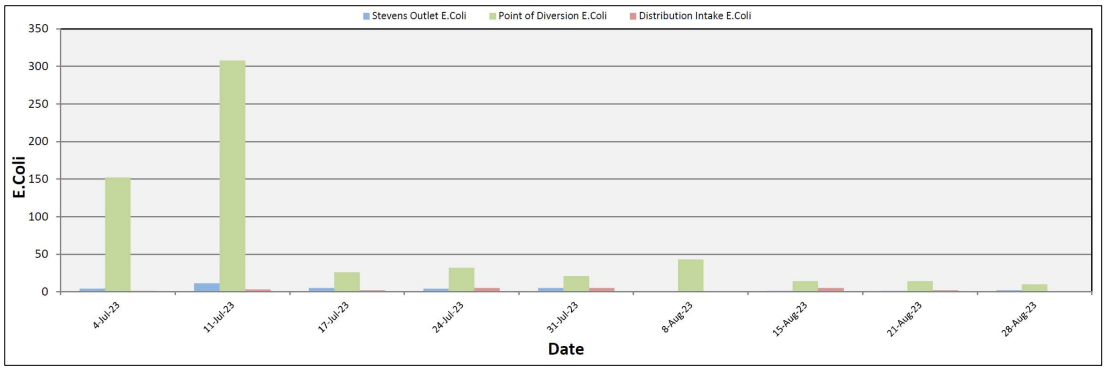


Table 2.1 - *E.Coli* Readings (CARO Labs)

Date	Point of Diversion E.Coli	Stevens Outlet E.Coli	Distribution Intake E.Coli
4-Jul-23	152	4	1
11-Jul-23	308	11	3
17-Jul-23	26	5	2
24-Jul-23	32	4	5
31-Jul-23	21	5	5
8-Aug-23	43	0	0
15-Aug-23	14	1	5
21-Aug-23	14	1	2
28-Aug-23	10	2	0

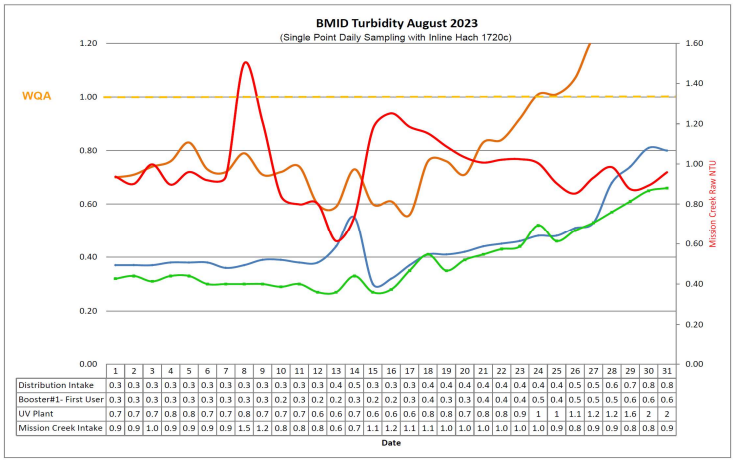
Stevens or WTP Intake (Raw) - Sampling of raw water at intake from Mission Creek
Stevens Outlet (Raw) - Sampling point after exiting 142,000 m^3 1st upper balancing reservoir (Stevens Res.)
Hadden Outlet (Raw) - Sampling point after exiting 75,000 m^3 2nd lower balancing reservoir (Hadden Res.)
(*Hadden Outlet = Distribution Intake - Point of Disinfection*)

3.0 RAW AND TREATED WATER TURBIDITY

Through August 2023, turbidity for the Mission Creek source was measured at Booster Station No. 1 on Gallagher's Road, which is the approximate location of the first-customer. The highest turbidity level recorded at this location was 0.66 NTU on August 31st, 2023. The lowest turbidity level was 0.27 NTU and the average turbidity was 0.39 NTU.

The distribution intake is where the water leaves Hadden Reservoir and enters a closed conduit. Turbidity levels are greatly reduced through the settling process as Mission Creek treated water makes its way through the reservoirs.

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



	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	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.7	0.8	0.8
Booster#1- First User	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6
UV Plant	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.8	0.7	0.7	0.7	0.6	0.6	0.7	0.6	0.6	0.6	0.8	0.8	0.7	0.8	0.8	0.9	1	1	1.1	1.2	1.2	1.6	2	2
Mission Creek Intake	0.9	0.9	1.0	0.9	0.9	0.9	0.9	1.5	1.2	0.8	0.8	0.8	0.6	0.7	1.1	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.9	0.9	0.8	0.8	0.9

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

Turbidity Point Sampling for August 2023				
Date	Mission Creek Intake	Distribution Intake	Booster#1- First User	UV Plant
	Daily Average [NTU]	Daily Average [NTU]	Daily Average [NTU]	Daily Average [NTU]
1	0.94	0.37	0.32	0.70
2	0.90	0.37	0.33	0.71
3	1.00	0.37	0.31	0.74
4	0.90	0.38	0.33	0.76
5	0.96	0.38	0.33	0.83
6	0.92	0.38	0.30	0.73
7	0.94	0.36	0.30	0.72
8	1.50	0.37	0.30	0.79
9	1.21	0.39	0.30	0.71
10	0.84	0.39	0.29	0.72
11	0.80	0.38	0.30	0.74
12	0.80	0.38	0.27	0.60
13	0.61	0.44	0.27	0.59
14	0.74	0.55	0.33	0.73
15	1.18	0.30	0.27	0.60
16	1.25	0.32	0.28	0.61
17	1.19	0.37	0.35	0.56
18	1.15	0.41	0.41	0.76
19	1.09	0.41	0.35	0.76
20	1.03	0.42	0.39	0.71
21	1.01	0.44	0.41	0.83
22	1.02	0.45	0.43	0.84
23	1.02	0.46	0.44	0.92
24	1.00	0.48	0.52	1.01
25	0.90	0.48	0.46	1.01
26	0.85	0.51	0.50	1.07
27	0.93	0.53	0.53	1.22
28	0.98	0.68	0.57	1.23
29	0.88	0.74	0.61	1.56
30	0.89	0.81	0.65	1.98
31	0.96	0.80	0.66	1.97
AVG	0.98	0.46	0.39	0.89

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, 2023.

Figure 4.1 - CT Trending – BMID Mission Creek Source – August 2023

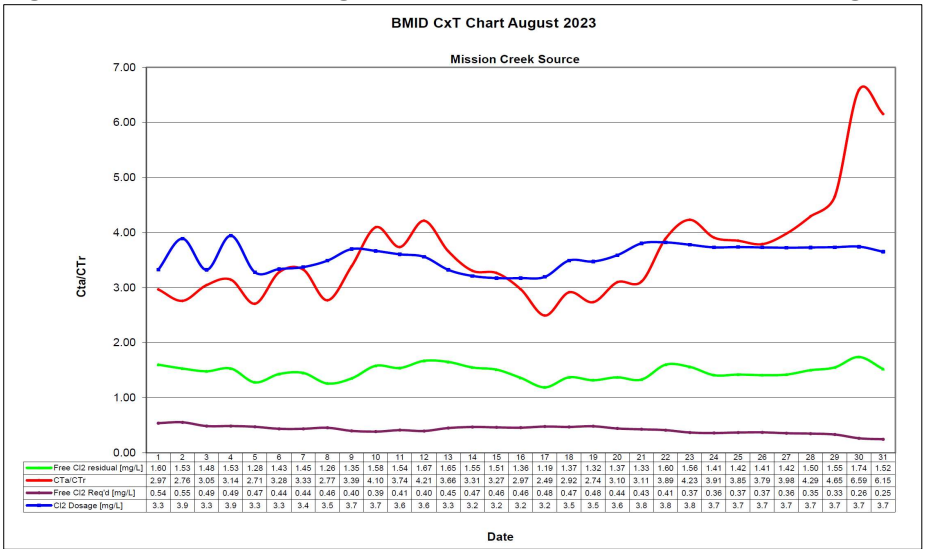


Table 4.2 - CT Table – Mission Creek Source

	BMID August 2023												
	Mission Creek Source												
DATE	pH	TEMP	PEAK	Free Cl2	CT	CT	CTa/CTr	Free Cl2	Cl2	VOLUME	TIME	FLOW	CL2 DOSAGE
	(Average)	(Present)	FLOW	residual	achieved	req'd		Req'd	Dosage	TOTAL		Daily Average	Average
August		[°C]	[Usgpm]	[mg/L]				[mg/L]	[mg/L]	[USgal]	[mins]	[USGPM]	[PPD]
1	7.54	19.3	18,462	1.60	229.6	77.4	2.97	0.54	3.3	2649600	144	15,725	628
2	7.54	19.1	18,845	1.53	215.1	77.9	2.76	0.55	3.9	2649600	141	13,381	626
3	7.49	19.2	17,019	1.48	230.4	75.7	3.05	0.49	3.3	2649600	156	14,902	595
4	7.45	19.7	17,809	1.53	227.6	72.4	3.14	0.49	3.9	2649600	149	12,676	601
5	7.45	19.2	17,173	1.28	197.5	73.0	2.71	0.47	3.3	2649600	154	14,072	554
6	7.42	19.8	16,417	1.43	230.8	70.4	3.28	0.44	3.3	2649600	161	14,341	575
7	7.36	19.8	16,730	1.45	229.6	69.0	3.33	0.44	3.4	2649600	158	14,840	602
8	7.33	20.3	18,673	1.26	178.8	64.6	2.77	0.46	3.5	2649600	142	14,027	588
9	7.29	20.0	16,097	1.35	222.2	65.6	3.39	0.40	3.7	2649600	165	13,091	582
10	7.26	19.9	15,270	1.58	274.2	66.9	4.10	0.39	3.7	2649600	174	12,547	553
11	7.23	19.1	15,672	1.54	260.4	69.7	3.74	0.41	3.6	2649600	169	12,621	547
12	7.22	19.5	15,361	1.67	288.1	68.4	4.21	0.40	3.6	2649600	172	13,304	569
13	7.25	19.6	17,421	1.65	251.0	68.5	3.66	0.45	3.3	2649600	152	14,536	581
14	7.32	20.1	18,462	1.55	222.4	67.3	3.31	0.47	3.2	2649600	144	15,345	592
15	7.43	20.9	18,565	1.51	215.5	66.0	3.27	0.46	3.2	2649600	143	16,279	621
16	7.49	21.2	18,656	1.36	193.2	65.0	2.97	0.46	3.2	2649600	142	16,090	613
17	7.53	20.8	19,027	1.19	165.7	66.5	2.49	0.48	3.2	2649600	139	15,201	584
18	7.50	21.1	18,924	1.37	191.8	65.8	2.92	0.47	3.5	2649600	140	15,336	644
19	7.46	19.1	17,261	1.32	202.6	74.1	2.74	0.48	3.5	2649600	154	12,992	543
20	7.42	17.9	14,682	1.37	247.2	79.8	3.10	0.44	3.6	2649600	180	11,976	517
21	7.39	17.2	13,735	1.33	256.6	82.5	3.11	0.43	3.8	2649600	193	10,379	474
22	7.28	17.0	13,190	1.60	321.4	82.6	3.89	0.41	3.8	2649600	201	9,472	435
23	7.49	17.0	10,996	1.56	375.9	88.8	4.23	0.37	3.8	2649600	241	7,852	357
24	7.53	16.7	10,548	1.41	354.2	90.6	3.91	0.36	3.7	2649600	251	8,236	369
25	7.41	16.6	11,164	1.42	337.0	87.5	3.85	0.37	3.7	2649600	237	8,849	397
26	7.34	17.0	11,897	1.41	314.0	82.8	3.79	0.37	3.7	2649600	223	9,451	424
27	7.32	17.3	11,720	1.42	321.0	80.6	3.98	0.36	3.7	2649600	226	10,404	466
28	7.29	18.0	12,083	1.50	328.9	76.6	4.29	0.35	3.7	2649600	219	9,423	422
29	7.29	18.3	11,706	1.55	350.8	75.4	4.65	0.33	3.7	2649600	226	8,448	379
30	7.23	18.2	9,264	1.74	497.7	75.5	6.59	0.26	3.7	2649600	286	6,458	291
31	7.18	17.8	8,762	1.52	459.7	74.7	6.15	0.25	3.7	2649600	302	6,049	266
Averages	7.38	18.93	15213	1.47	270.68	74.24	3.62	0.42	3.56	2649600	183	12,203	516

5.0 ULTRAVIOLET DISINFECTION

Total Water Treated:	2,136,210.2 m^3	100.00%
On-Spec Water:	2,135,833.6 m^3	99.982%
Off-Spec Water:	376.6 m^3	0.018%

Average monthly chlorine residual before UV Treatment was 1.47 mg/L
The average monthly chlorine residual after UV treatment and re-chlorination was 1.42 mg/L.
Due to a faulty turbidity meter at the UV plant, turbidity results read much higher than the actual turbidity results when compared to the other on-line analysers in the system.

Figure 5.1 - UV Disinfection – BMID Mission Creek Source – August 2023

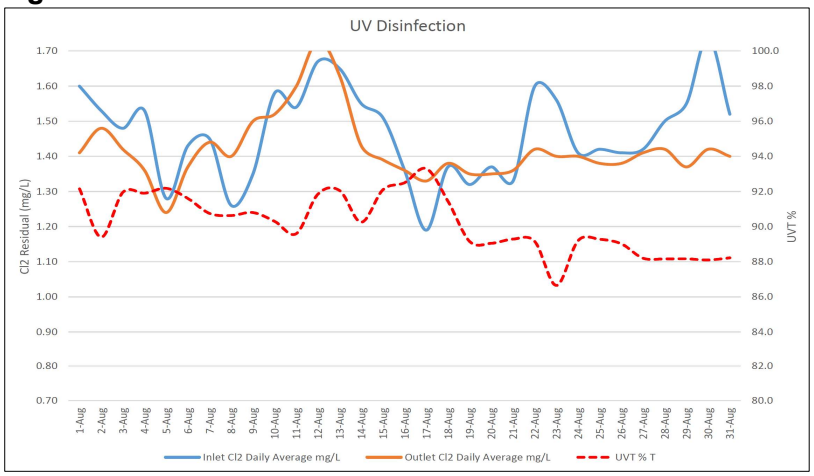


Table 5.2 - UV Disinfection Table – Mission Creek Source

Date	Inlet Cl2 Daily mg/L	Outlet Cl2 Daily mg/L		UVT % T	Turbidity NTU		In Spec Water Volume Cubic Meters	Off Spec Water Cubic Meters	Off Spec % of Water Percentage
1-Aug	1.60	1.41		92.2	0.70		83,956	0	0.00%
2-Aug	1.53	1.48		89.4	0.71		83,959	0	0.00%
3-Aug	1.48	1.42		92.0	0.74		83,711	0	0.00%
4-Aug	1.53	1.36		91.9	0.76		81,117	0	0.00%
5-Aug	1.28	1.24		92.2	0.83		81,120	0	0.00%
6-Aug	1.43	1.37		91.6	0.73		76,538	0	0.00%
7-Aug	1.45	1.44		90.8	0.72		79,220	0	0.00%
8-Aug	1.26	1.40		90.6	0.79		79,223	0	0.00%
9-Aug	1.35	1.50		90.8	0.71		74,827	0	0.00%
10-Aug	1.58	1.52		90.3	0.72		69,864	117	0.17%
11-Aug	1.54	1.60		89.6	0.74		67,366	117	0.17%
12-Aug	1.67	1.73		91.9	0.60		71,049	0	0.00%
13-Aug	1.65	1.63		92.1	0.59		77,565	0	0.00%
14-Aug	1.55	1.43		90.3	0.73		81,865	0	0.00%
15-Aug	1.51	1.39		92.1	0.60		86,928	0	0.00%
16-Aug	1.36	1.36		92.5	0.61		86,931	0	0.00%
17-Aug	1.19	1.33		93.3	0.56		85,899	0	0.00%
18-Aug	1.37	1.38		91.4	0.76		81,358	0	0.00%
19-Aug	1.32	1.35		89.2	0.76		81,360	0	0.00%
20-Aug	1.37	1.35		89.1	0.71		69,311	0	0.00%
21-Aug	1.33	1.36		89.3	0.83		63,837	0	0.00%
22-Aug	1.60	1.42		89.2	0.84		55,444	0	0.00%
23-Aug	1.56	1.40		86.7	0.92		50,627	0	0.00%
24-Aug	1.41	1.40		89.2	1.01		43,918	0	0.00%
25-Aug	1.42	1.38		89.3	1.01		47,263	71	0.15%
26-Aug	1.41	1.38		89.0	1.07		50,500	71	0.14%
27-Aug	1.42	1.41		88.2	1.22		55,562	0	0.00%
28-Aug	1.50	1.42		88.2	1.23		55,564	0	0.00%
29-Aug	1.55	1.37		88.2	1.56		50,359	0	0.00%
30-Aug	1.74	1.42		88.1	1.98		45,124	0	0.00%
31-Aug	1.52	1.40		88.2	1.97		34,472	0	0.00%
Average	1.47	1.42		90.21	0.89	Total	2,135,833.60	376.6	0.018%

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
- 25 samples were found to be absent of Coliforms.
- 25 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 #5		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
4-Jul-23			0	0	0	0	0	0	0	0			0	0	0	0				
11-Jul-23	0	0	0	0							0	0			0	0	0	0	0	0
17-Jul-23			0	0	0	0	0	0	0	0			0	0	0	0				
24-Jul-23	0	0	0	0							0	0			0	0	0	0	0	0
31-Jul-23			0	0	0	0	0	0	0	0			0	0						
8-Aug-23	0	0	0	0							0	0			0	0	0	0	0	0
15-Aug-23			0	0	0	0	0	0	0	0			0	0	0	0				
21-Aug-23	0	0	0	0							0	0			0	0	0	0	0	0
28-Aug-23			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 both *Total Coliforms* and *E.Coli*.

Table 6.2 - BMID In-house Testing – Presence Absence

	8/8/2023				8/15/2023				8/21/2023				8/28/2023			
Location	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.	Cl2	Temp.	Pres.	Abs.
Sylvania Cres					0.92	22.4	-	X								
170 Kneller Rd					0.84	22.8	-	X								
2105 Morrison	0.89	22.2	-	X									0.87	21.2	-	X
Staymen Rd	0.81	22.4	-	X									0.62	20.4	-	X
260 Campion Rd									0.08	21.4	-	X				
Fenwick Rd									0.18	23.8	-	X				
Solly Ct					1.02	22.4	-	X								

- BMID Population = 28,000

RECOMMENDED TESTS

- Recommended number of samples per month = 28

  (as per Guide for Canadian Drinking Water Quality)

ACTUAL TESTS

- Total tests by BMID staff (presence/absence) = 9
- Total tests sampled by BMID and tested by Caro Labs 25
- Total tests sampled in BMID treated distribution system = 34
- 0 Positive *E.Coli* and Total Coliform Samples