

CITY OF WEST KELOWNA

Monthly Water Quality Report



Powers Creek Water Service Area
June 2026

WATER SUPPLY AND TREATMENT





Powers Creek Water Treatment Plant Monthly Water Quality Summary

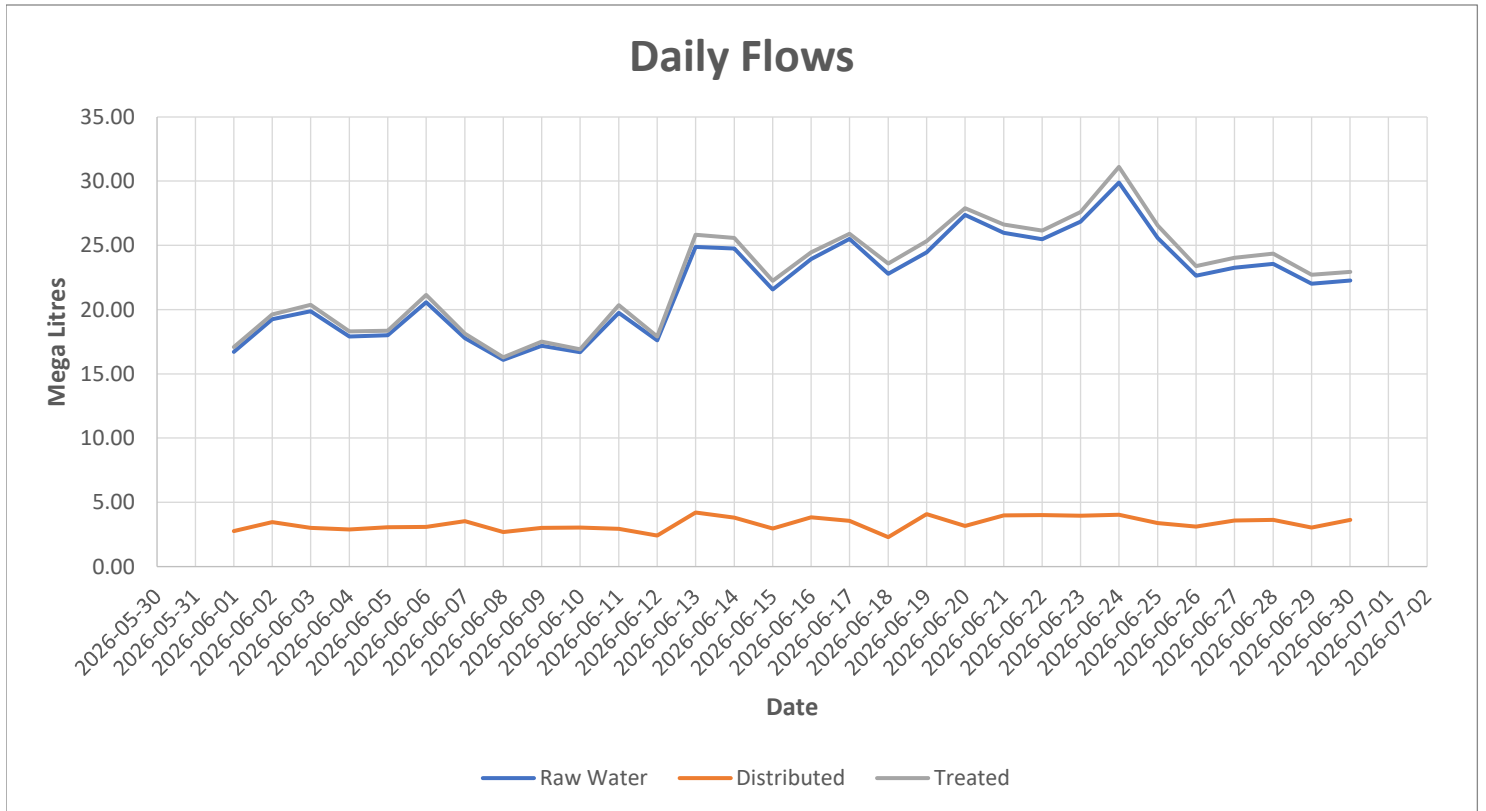
2026-07-14

June, 2026

Flow Demand:

Raw Processed Water:
Treated Water :
Distributed Water :
Backwash Water :

Total for Month
660.12 ML
678.23 ML
100.07 ML
29.49 ML



Notes:

Raw Water Specifications:

Date	Raw Turbidity (NTU)			Raw pH		
	Min	Max	Average	Min	Max	Average
2026-06-01	0.66	2.08	0.98	7.60	8.14	8.00
2026-06-02	0.74	2.91	1.10	7.96	8.29	8.10
2026-06-03	0.77	2.79	1.39	7.86	8.17	8.04
2026-06-04	0.65	1.80	1.05	7.91	8.23	8.06
2026-06-05	0.73	3.33	1.06	7.87	8.19	8.07
2026-06-06	0.86	2.32	1.18	7.68	8.10	7.89
2026-06-07	0.72	3.24	1.15	7.30	7.55	7.40
2026-06-08	0.79	2.84	1.11	7.25	8.03	7.68
2026-06-09	0.96	2.89	1.22	7.83	8.13	7.96
2026-06-10	1.08	5.42	1.48	7.84	8.21	8.08
2026-06-11	0.77	1.85	1.34	7.90	8.25	8.08
2026-06-12	0.82	5.11	1.54	7.87	8.26	8.05
2026-06-13	1.37	4.54	2.00	7.99	8.36	8.14
2026-06-14	1.43	5.34	2.22	7.91	8.33	8.06
2026-06-15	1.29	3.54	1.81	7.70	8.24	8.01
2026-06-16	1.40	4.76	1.99	7.69	8.28	8.00
2026-06-17	1.93	5.21	2.55	7.81	8.15	7.97
2026-06-18	1.45	7.81	2.26	7.85	8.30	8.03
2026-06-19	1.35	3.73	1.86	7.78	8.33	8.04
2026-06-20	1.36	4.24	2.08	7.86	8.24	8.02
2026-06-21	1.27	3.12	1.92	7.87	8.24	8.03
2026-06-22	1.32	4.76	2.02	7.61	8.17	7.92
2026-06-23	1.30	4.53	2.00	7.71	8.44	8.02
2026-06-24	1.53	4.52	2.15	7.93	8.37	8.15
2026-06-25	0.70	4.57	1.79	7.84	8.24	8.03
2026-06-26	1.25	4.65	1.69	7.77	8.25	7.98
2026-06-27	1.47	8.82	2.35	7.92	8.26	8.05
2026-06-28	1.40	5.65	2.00	7.95	8.30	8.09
2026-06-29	1.28	4.41	1.79	7.78	8.15	7.99
2026-06-30	1.24	3.09	1.51	7.71	8.13	7.93

Notes:

Raw Water Specifications (Continued):

Date	Raw Temp (°C)			Raw DOC (mg/L)		
	Min	Max	Average	Min	Max	Average
2026-06-01	10.55	14.47	11.68	10.92	11.39	11.18
2026-06-02	10.17	15.10	12.05	10.38	10.85	10.57
2026-06-03	11.56	16.38	13.42	10.28	10.82	10.58
2026-06-04	11.54	15.96	13.07	9.99	10.37	10.16
2026-06-05	11.65	14.91	13.10	9.84	10.05	9.98
2026-06-06	13.09	19.76	17.55	9.62	10.21	9.93
2026-06-07	19.22	19.75	19.47	9.63	10.14	9.90
2026-06-08	8.56	19.50	12.81	9.70	9.90	9.83
2026-06-09	10.13	11.81	11.02	9.34	9.83	9.61
2026-06-10	9.98	11.45	10.71	9.65	10.03	9.84
2026-06-11	9.85	13.35	11.59	9.30	9.58	9.44
2026-06-12	11.48	13.45	12.50	9.20	9.33	9.28
2026-06-13	11.48	15.20	13.18	9.19	9.79	9.56
2026-06-14	12.69	20.66	15.24	9.82	10.39	10.19
2026-06-15	13.58	18.42	15.63	8.37	10.04	9.07
2026-06-16	13.26	16.26	15.00	8.39	9.53	9.11
2026-06-17	13.63	15.71	14.47	9.54	10.46	10.14
2026-06-18	12.43	14.84	13.79	7.82	9.98	9.19
2026-06-19	11.76	15.44	13.64	7.22	7.79	7.60
2026-06-20	12.81	15.01	13.94	7.00	7.73	7.33
2026-06-21	12.49	14.69	13.63	7.18	7.87	7.59
2026-06-22	12.02	15.22	13.71	7.33	8.68	7.62
2026-06-23	12.54	16.18	14.19	7.15	7.76	7.47
2026-06-24	13.42	16.29	14.89	7.23	8.40	8.02
2026-06-25	14.32	18.07	15.64	7.53	8.16	7.89
2026-06-26	14.29	16.29	15.20	1.12	8.07	7.76
2026-06-27	13.78	15.15	14.34	7.49	8.28	7.94
2026-06-28	13.21	15.65	14.32	7.67	8.79	8.15
2026-06-29	14.23	16.00	15.16	7.59	8.07	7.85
2026-06-30	14.53	15.80	15.17	7.56	8.30	7.99

Notes:

Raw Water Specifications (Continued):

Date	Raw Cond (µS/cm)			Streaming Current		
	Min	Max	Average	Min	Max	Average
2026-06-01	51.63	93.72	90.14	-12.08	39.96	11.48
2026-06-02	28.82	92.74	92.08	-32.87	31.24	-2.18
2026-06-03	65.03	93.52	92.48	-37.59	5.35	-22.13
2026-06-04	0.04	95.30	94.26	-39.67	36.03	0.86
2026-06-05	94.17	95.78	94.88	-28.82	26.64	3.38
2026-06-06	90.67	95.80	94.07	-17.21	39.94	8.02
2026-06-07	90.08	93.34	91.12	-15.18	55.32	25.95
2026-06-08	50.37	95.62	92.54	-11.22	64.93	40.03
2026-06-09	62.70	95.04	93.59	-1.04	53.20	26.46
2026-06-10	-0.03	95.53	93.83	-29.94	48.19	15.70
2026-06-11	91.05	96.52	95.07	-5.91	34.08	14.69
2026-06-12	95.82	97.26	96.42	-34.80	32.50	-2.12
2026-06-13	94.03	97.00	95.47	-7.96	37.25	17.77
2026-06-14	92.47	93.77	93.20	-1.00	37.15	16.92
2026-06-15	-0.15	97.89	94.42	-1.02	36.01	18.50
2026-06-16	92.49	96.84	94.22	-5.93	44.02	13.57
2026-06-17	36.02	91.82	90.23	-36.86	75.89	28.68
2026-06-18	46.15	92.74	91.44	-24.81	18.72	-3.64
2026-06-19	32.38	93.16	91.48	-37.59	16.48	-1.61
2026-06-20	89.93	91.89	90.75	-33.99	10.38	-12.79
2026-06-21	89.34	91.15	90.01	-32.80	13.69	-4.81
2026-06-22	81.01	90.45	89.69	-16.04	27.26	1.59
2026-06-23	63.77	91.73	90.34	-40.98	3.27	-14.75
2026-06-24	66.15	90.70	89.72	-25.46	23.47	-17.73
2026-06-25	67.78	91.49	90.24	-40.88	19.53	5.50
2026-06-26	-0.03	90.69	90.18	-0.19	18.72	7.37
2026-06-27	89.12	90.86	89.64	-3.91	25.42	6.76
2026-06-28	86.39	90.06	89.46	-0.16	38.06	20.36
2026-06-29	74.34	92.65	90.59	-0.88	34.05	15.64
2026-06-30	89.14	91.57	90.76	-0.19	21.51	9.40

Notes:

Raw Water Specifications (Continued):

Date	Coagulated pH			Coagulated Temp (°C)		
	Min	Max	Average	Min	Max	Average
2026-06-01	6.69	6.79	6.73	10.83	18.09	11.44
2026-06-02	6.75	6.81	6.78	10.40	13.73	11.85
2026-06-03	6.75	6.85	6.79	12.05	13.18	12.71
2026-06-04	6.71	6.81	6.75	11.73	13.87	12.72
2026-06-05	6.72	6.82	6.76	11.94	12.83	12.51
2026-06-06	6.74	6.84	6.78	10.76	11.50	11.24
2026-06-07	6.70	6.82	6.76	9.98	11.57	10.64
2026-06-08	6.66	6.79	6.71	9.20	10.98	10.27
2026-06-09	6.66	6.82	6.75	10.63	12.03	11.20
2026-06-10	6.70	6.81	6.77	10.98	11.98	11.41
2026-06-11	6.76	6.83	6.79	10.46	13.54	12.08
2026-06-12	6.73	6.85	6.79	11.93	13.53	12.88
2026-06-13	6.73	6.79	6.75	11.83	15.00	13.19
2026-06-14	6.69	6.78	6.73	13.06	15.83	14.23
2026-06-15	6.59	6.73	6.68	13.66	15.29	14.61
2026-06-16	6.62	6.74	6.70	13.68	16.18	14.87
2026-06-17	6.53	6.80	6.63	14.09	15.12	14.68
2026-06-18	6.75	6.83	6.79	13.07	14.81	14.00
2026-06-19	6.79	6.92	6.83	12.40	15.46	13.85
2026-06-20	6.78	6.91	6.86	13.35	15.20	14.32
2026-06-21	6.79	6.90	6.83	13.08	14.89	14.04
2026-06-22	6.75	6.87	6.80	12.69	15.54	14.10
2026-06-23	6.80	6.91	6.84	13.19	16.34	14.61
2026-06-24	6.87	6.93	6.91	13.50	17.89	15.08
2026-06-25	6.93	6.98	6.95	14.35	16.99	15.56
2026-06-26	6.86	6.90	6.89	14.34	15.81	15.45
2026-06-27	6.92	6.97	6.94	14.17	14.97	14.64
2026-06-28	6.87	6.93	6.90	13.98	16.10	14.83
2026-06-29	2.14	7.02	6.93	14.15	16.45	15.57
2026-06-30	6.99	7.05	7.02	14.70	15.98	15.30

Notes:

Train 1 Filter Turbidity (NTU):

Date	Filter 1			Filter 2			Filter 3		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-06-01	0.02	0.03	0.02	0.02	0.06	0.02	0.01	0.03	0.01
2026-06-02	0.02	0.05	0.02	0.02	0.02	0.02	0.01	0.03	0.01
2026-06-03	0.01	0.04	0.02	0.01	0.05	0.02	0.01	0.02	0.01
2026-06-04	0.02	0.05	0.02	0.01	0.02	0.02	0.01	0.03	0.01
2026-06-05	0.02	0.03	0.02	0.01	0.04	0.02	0.01	0.01	0.01
2026-06-06	0.02	0.05	0.02	0.02	0.02	0.02	0.01	0.03	0.01
2026-06-07	0.02	0.02	0.02	0.01	0.06	0.02	0.01	0.01	0.01
2026-06-08	0.02	0.05	0.02	0.02	0.02	0.02	0.01	0.03	0.01
2026-06-09	0.02	0.05	0.02	0.02	0.05	0.02	0.01	0.02	0.01
2026-06-10	0.02	0.05	0.02	0.01	0.03	0.02	0.01	0.03	0.01
2026-06-11	0.02	0.03	0.02	0.01	0.06	0.02	0.01	0.01	0.01
2026-06-12	0.02	0.05	0.02	0.02	0.02	0.02	0.01	0.04	0.01
2026-06-13	0.02	0.05	0.03	0.02	0.06	0.02	0.01	0.01	0.01
2026-06-14	0.02	0.11	0.05	0.02	0.03	0.02	0.01	0.04	0.02
2026-06-15	0.03	0.10	0.05	0.02	0.07	0.03	0.01	0.02	0.02
2026-06-16	0.02	0.30	0.05	0.02	0.03	0.02	0.01	0.04	0.02
2026-06-17	0.02	3.80	0.07	0.02	0.06	0.03	0.01	0.02	0.02
2026-06-18	0.02	0.08	0.03	0.02	0.02	0.02	0.01	0.04	0.02
2026-06-19	0.02	0.02	0.02	0.02	0.04	0.02	0.01	0.01	0.01
2026-06-20	0.02	0.04	0.02	0.02	0.02	0.02	0.01	0.03	0.01
2026-06-21	0.02	0.03	0.02	0.02	0.03	0.02	0.01	0.03	0.01
2026-06-22	0.02	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01
2026-06-23	0.02	0.05	0.02	0.02	0.04	0.02	0.01	0.02	0.01
2026-06-24	0.02	0.02	0.02	0.02	0.04	0.02	0.01	0.02	0.01
2026-06-25	0.02	0.05	0.02	0.02	0.02	0.02	0.01	0.03	0.01
2026-06-26	0.02	0.05	0.02	0.02	0.07	0.02	0.01	0.02	0.01
2026-06-27	0.01	0.08	0.02	0.02	0.03	0.02	0.01	0.04	0.01
2026-06-28	0.02	0.03	0.02	0.02	0.08	0.02	0.01	0.03	0.01
2026-06-29	0.01	0.37	0.02	0.02	0.03	0.02	0.01	0.05	0.02
2026-06-30	0.02	0.03	0.02	0.02	0.06	0.03	0.01	0.02	0.01

Notes:

June 17 - Turbidity Spike on Filter 1 occurred while filter water out of service

Train 2 Filter Turbidity (NTU)

Date	Filter 4			Filter 5			Filter 6		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-06-01	0.02	0.03	0.02	0.03	0.06	0.03	0.02	0.04	0.03
2026-06-02	0.02	0.05	0.02	0.03	0.03	0.03	0.01	0.05	0.02
2026-06-03	0.02	0.02	0.02	0.02	0.06	0.03	0.01	0.06	0.02
2026-06-04	0.01	0.04	0.02	0.03	0.04	0.03	0.01	0.02	0.01
2026-06-05	0.02	0.03	0.02	0.02	3.02	0.04	0.01	0.05	0.02
2026-06-06	0.02	0.05	0.02	0.03	0.04	0.03	0.01	0.02	0.01
2026-06-07	0.02	0.03	0.02	0.03	0.09	0.04	0.01	0.05	0.02
2026-06-08	0.02	0.02	0.02	0.03	0.04	0.03	0.01	0.01	0.01
2026-06-09	0.02	0.03	0.02	0.02	0.06	0.03	0.01	0.02	0.01
2026-06-10	0.01	0.03	0.02	0.02	0.06	0.03	0.01	0.01	0.01
2026-06-11	0.02	0.05	0.02	0.02	0.02	0.02	0.01	0.03	0.01
2026-06-12	0.01	0.02	0.02	0.01	0.05	0.02	0.01	0.01	0.01
2026-06-13	0.01	0.05	0.02	0.02	0.03	0.02	0.01	0.04	0.01
2026-06-14	0.01	0.03	0.02	0.03	0.10	0.04	0.01	0.01	0.01
2026-06-15	0.01	0.04	0.02	0.02	0.05	0.03	0.01	0.04	0.01
2026-06-16	0.01	0.02	0.02	0.02	0.05	0.03	0.01	0.01	0.01
2026-06-17	0.01	0.04	0.02	0.02	0.04	0.03	0.01	0.04	0.02
2026-06-18	0.01	0.03	0.02	0.02	0.06	0.03	0.01	0.02	0.01
2026-06-19	0.00	0.04	0.02	0.02	0.03	0.03	0.01	0.03	0.01
2026-06-20	0.01	0.03	0.02	0.02	0.05	0.02	0.01	0.02	0.01
2026-06-21	0.01	0.02	0.02	0.02	0.04	0.02	0.01	0.02	0.01
2026-06-22	0.02	0.12	0.02	0.01	0.04	0.03	0.01	0.02	0.01
2026-06-23	0.01	0.05	0.02	0.02	0.02	0.02	0.01	0.01	0.01
2026-06-24	0.01	0.06	0.02	0.02	0.06	0.03	0.01	0.02	0.01
2026-06-25	0.01	0.04	0.02	0.02	0.03	0.03	0.01	0.02	0.01
2026-06-26	0.01	0.03	0.02	0.03	0.07	0.03	0.01	0.03	0.01
2026-06-27	0.02	0.04	0.02	0.02	0.03	0.03	0.01	0.03	0.01
2026-06-28	0.02	0.03	0.02	0.01	0.05	0.03	0.01	0.04	0.01
2026-06-29	0.01	0.03	0.02	0.03	0.06	0.03	0.01	0.01	0.01
2026-06-30	0.01	0.05	0.02	0.00	0.12	0.03	0.01	0.04	0.02

Notes:

June 5 - Turbidity spike on Filter 5 occurred while filter was out of service

UV Treatment:

	Average Flow	Avg Validated Dose	UV Availability
Date	(L/s)	(mj/cm2)	(%)
2026-06-01	189.76	29.75	86.10
2026-06-02	165.65	34.57	98.89
2026-06-03	219.14	26.20	98.83
2026-06-04	183.74	29.70	99.93
2026-06-05	179.34	31.78	99.93
2026-06-06	200.72	29.47	99.93
2026-06-07	182.93	30.92	99.93
2026-06-08	227.02	26.30	99.93
2026-06-09	159.83	36.62	99.93
2026-06-10	161.24	35.50	99.91
2026-06-11	255.55	22.98	97.72
2026-06-12	214.99	27.15	99.04
2026-06-13	257.90	22.95	99.93
2026-06-14	293.58	22.15	99.93
2026-06-15	307.39	20.90	99.93
2026-06-16	261.57	21.50	99.93
2026-06-17	277.85	21.78	99.93
2026-06-18	324.08	20.58	99.93
2026-06-19	278.39	24.73	99.93
2026-06-20	388.40	21.67	99.93
2026-06-21	330.02	24.83	99.93
2026-06-22	366.34	22.53	99.93
2026-06-23	266.43	28.20	99.93
2026-06-24	419.25	21.90	99.93
2026-06-25	333.47	21.70	99.93
2026-06-26	303.36	22.67	99.93
2026-06-27	292.31	21.97	99.93
2026-06-28	164.30	35.00	99.93
2026-06-29	350.81	99.93	99.93
2026-06-30	221.10	99.93	99.93

Notes:

UV Transmittance %:

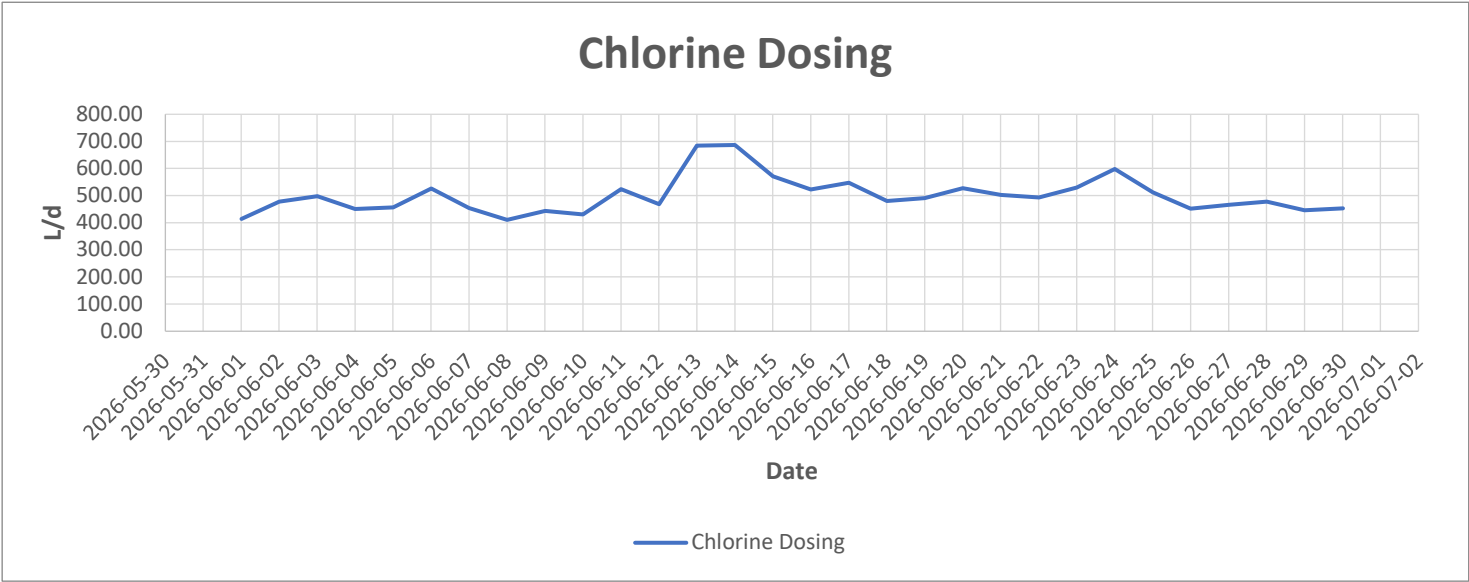
Date	Min	Max	Average
2026-06-01	90.20	90.90	90.57
2026-06-02	90.20	91.20	90.70
2026-06-03	89.80	91.50	90.32
2026-06-04	89.90	91.50	90.44
2026-06-05	90.20	92.10	90.71
2026-06-06	89.90	91.30	90.64
2026-06-07	89.90	91.40	90.60
2026-06-08	90.30	91.70	90.75
2026-06-09	90.50	91.80	91.06
2026-06-10	90.00	91.50	90.62
2026-06-11	90.10	91.50	90.73
2026-06-12	90.30	91.10	90.68
2026-06-13	89.50	90.80	90.29
2026-06-14	88.80	90.10	89.49
2026-06-15	88.30	90.10	88.81
2026-06-16	87.20	89.70	88.75
2026-06-17	87.60	88.90	88.47
2026-06-18	89.40	99.10	90.25
2026-06-19	92.10	93.60	93.07
2026-06-20	93.20	94.40	93.93
2026-06-21	93.30	94.20	93.64
2026-06-22	92.60	95.00	93.57
2026-06-23	89.20	99.10	92.39
2026-06-24	90.10	92.70	90.87
2026-06-25	89.90	91.20	90.64
2026-06-26	90.10	91.20	90.50
2026-06-27	90.10	92.10	90.67
2026-06-28	89.80	91.40	90.47
2026-06-29	90.10	91.00	90.57
2026-06-30	90.10	91.40	90.62

Notes:

Chemical Demand:

Chlorine Used:

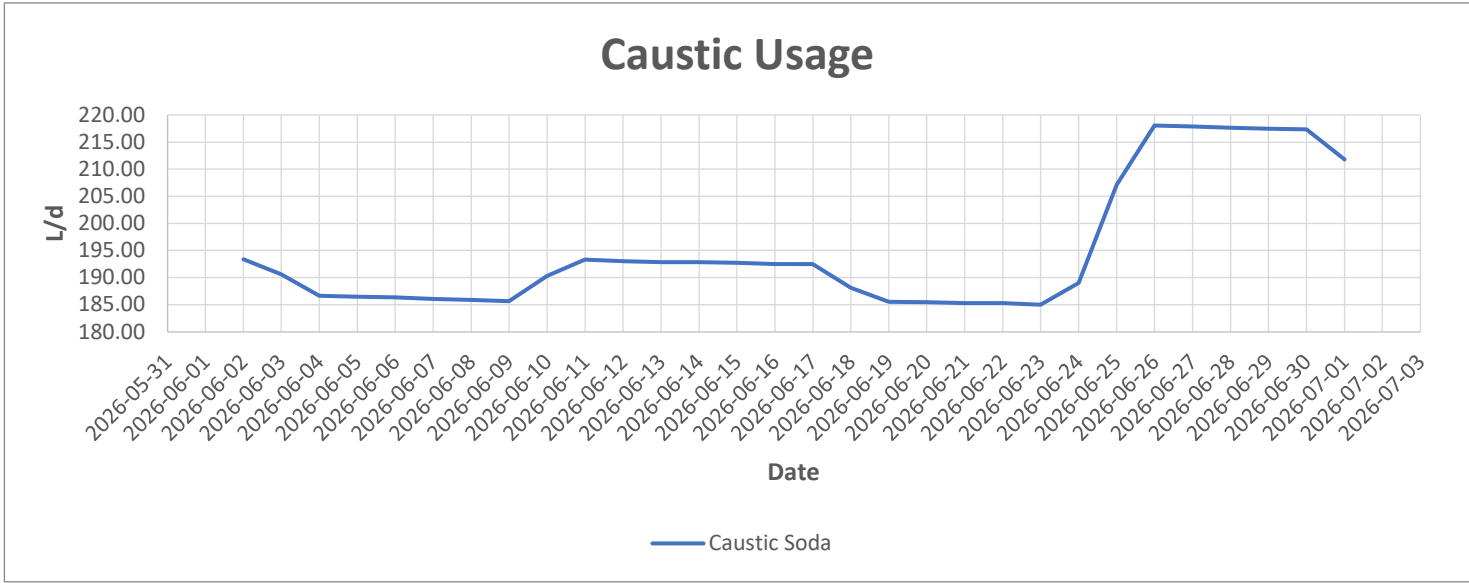
Total for Month
14987.57 L



Notes:

Caustic Soda Used:

Total for Month
5851.74 Litres

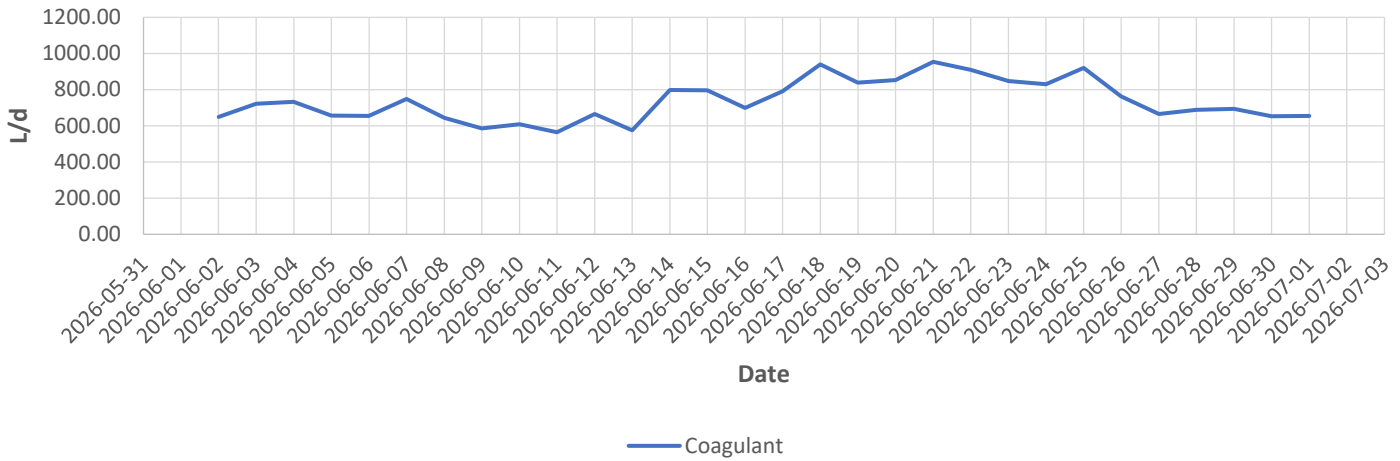


Notes:

Coagulant Used:

Total for Month
22093.10 Litres

Coagulant Usage



Notes:

DAF & Residual DAF Neat Polymer

Total for Month
859.45 L

Centrifuge Neat Polymer

Total for Month
933.05 L

Chlorine Dose

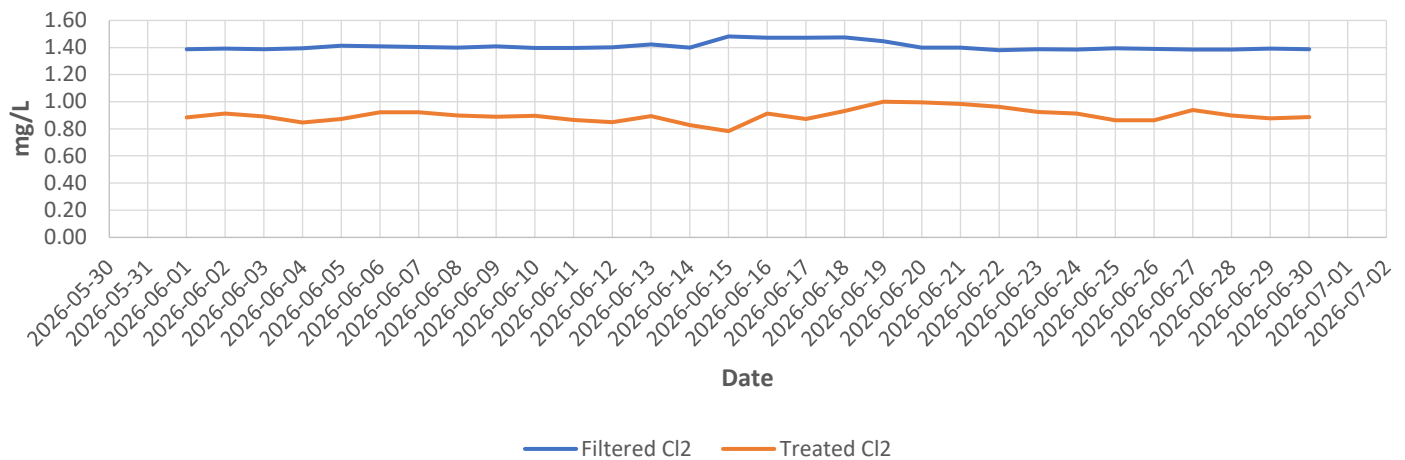
Filtered Water Residual Cl₂ Average (mg/L):

1.41 mg/L

Treated Water (Distributed) Cl₂ Average (mg/L):

0.90 mg/L

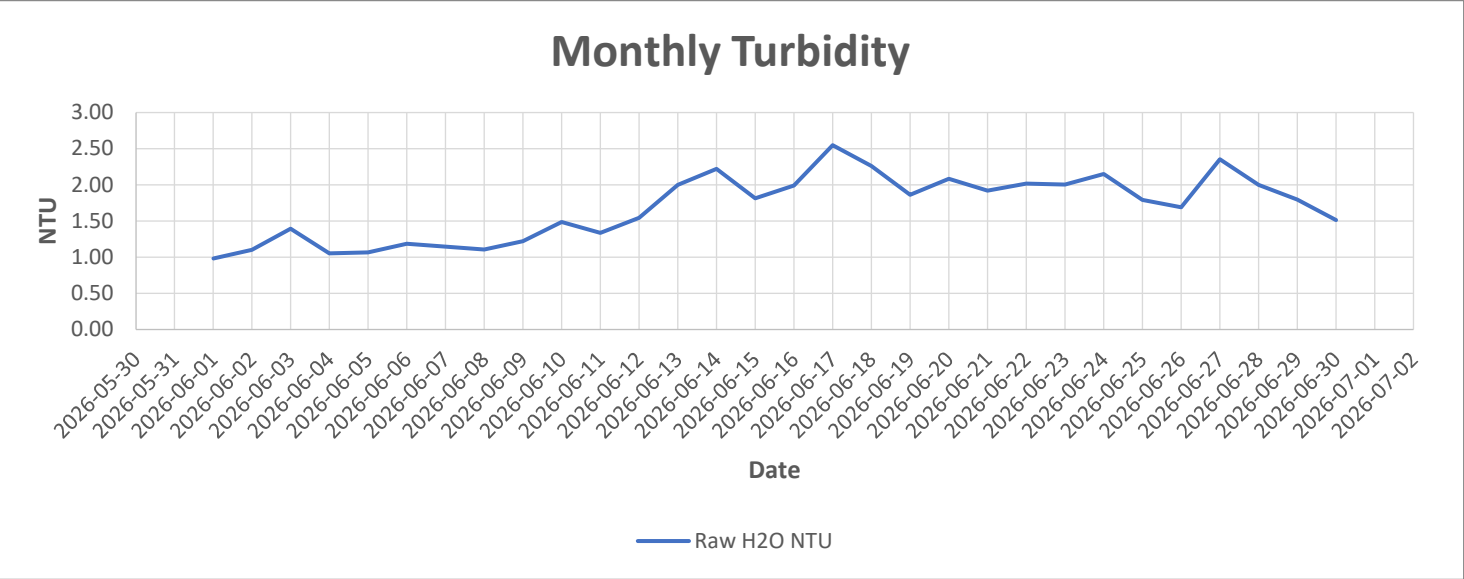
Average Residual CL₂ Content



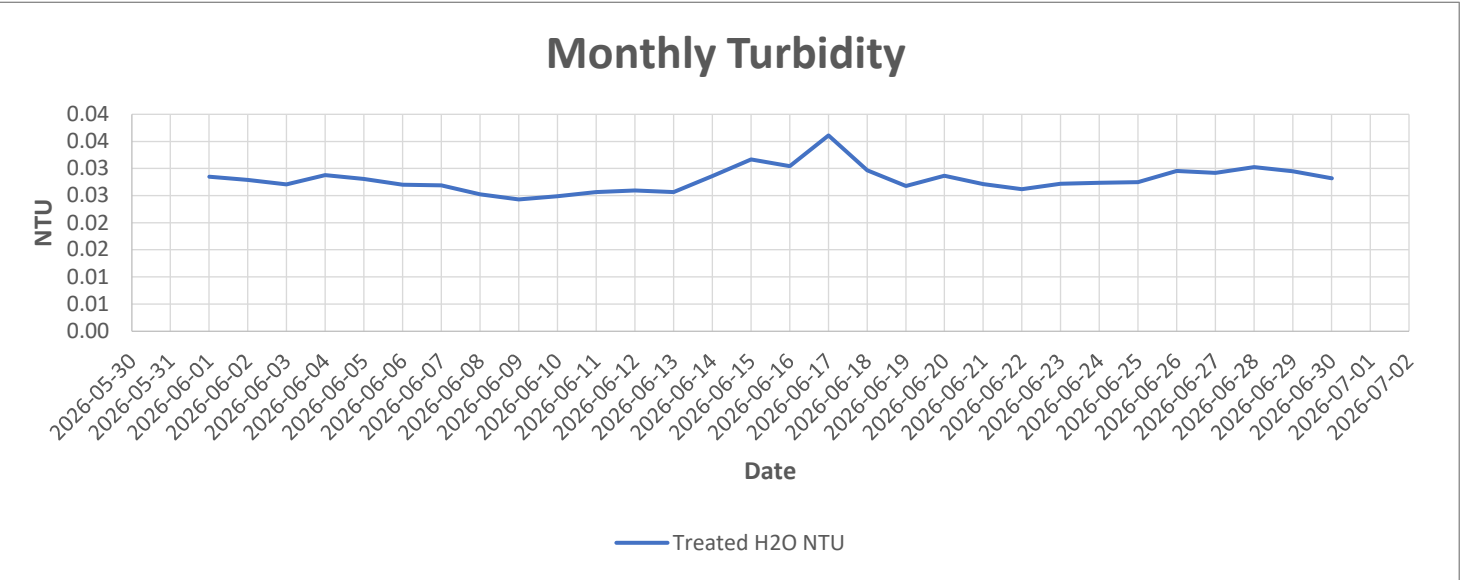
Water Quality Analytics:

Turbidity

Raw Water Monthly Average: 1.69 NTU



Treated Water Monthly Average: 0.03 NTU



Notes:

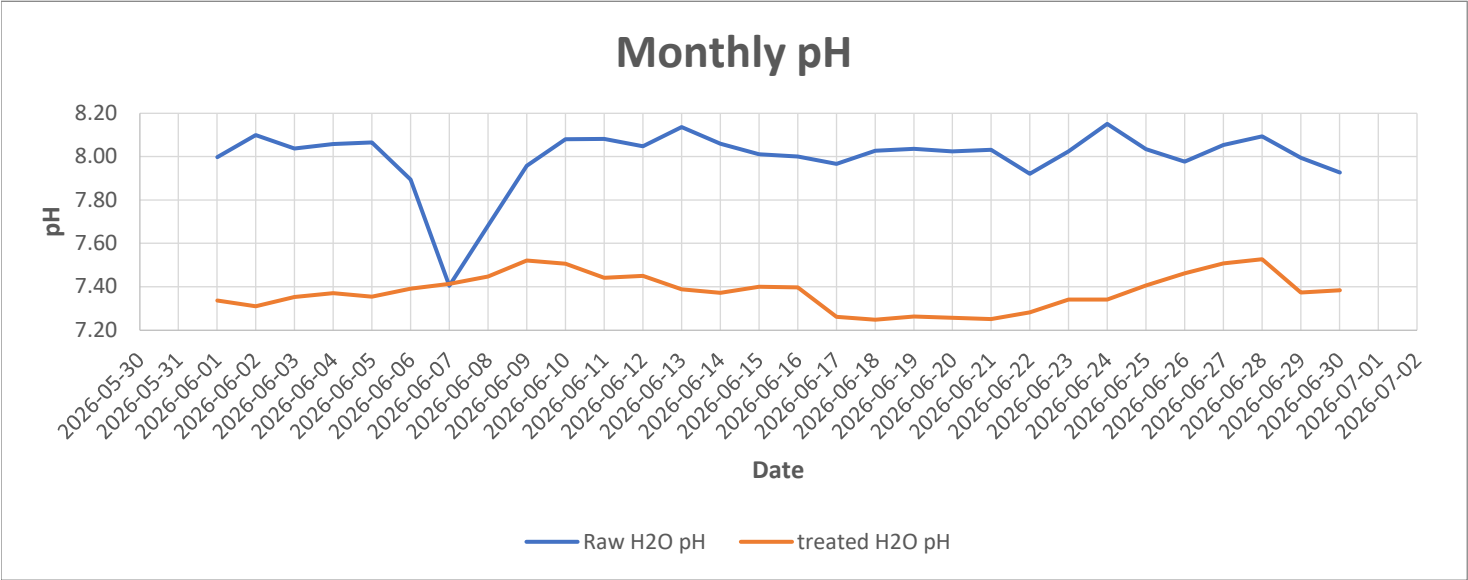
pH

Raw Water Monthly Average:

8.00 pH

Treated Water Monthly Average:

7.38 pH



Notes:

Powers Creek WTP Operational Highlights:

June 1st - 1000 hr service on DAFs 2, 5, 6
June 1st - Total Power in for semi-annual generator maintenance
June 1st - cleaned & calibrated all pH analyzers
June 2nd - 1000 hr service on DAFs 1, 3, 4
June 4th - Chemical delivery (Hypo bulk load)
June 9th - APEX doing asbestos assessment on Lat 1
June 15th - monthly maintenance on DOC analyzer
June 18th - cleaned & calibrated UVT
June 18th - Spartan on site for system upgrades
June 22nd - NorHaz - asbestos work on Lat 1
June 23rd - NorHaz - asbestos work on Lat 1
June 25th - CWK Facilities dept. installed cooling unit on server rack
June 26th - CWK Facilities dept. installed cooling unit on server rack
June 29th - cleaned, rinsed, changed tubing on CTF poly make down system

Power Creek Watershed Operational Highlights:

Lambly

June 3rd- level 2820acft opened to 1000usgpm
June 17th- Level 2774acft opened to 4500usgpm
June 30th- level 2600acft opened to 2743usgpm

Jackpine

June 3rd- level 877acft
June 30th- level 858acft

Paynter

June 3rd- level 384acft
June 30th- level 384acft not spilling

Powers Creek

June 3rd- level 4.5"
June 11th- Replaced old stop logs with new ones
June 24th- Level 7" or 5000usgpm down creek

Horseshoe

June 17th- Full pool opened to 1000usgpm
June 30th- level 782acft

Dobbin

June 3rd- level 541acft opened to 1000usgpm
June 17th- level 506acft opened to 3000usgpm
June 30th- level 331acft

NCD

June 3rd- replaced old culverts in diversion
June 10th- opened 100% to Dobbin after working on culvert
June 17th- 500usgpm to Dobbin
June 24th- 350usgpm to Dobbin
June 30th- 1300usgpm to Dobbin

Tadpole

June 11th- level 2920acft Completed Piezometers
June 24th- Level 2920acft opened to 1213usgpm
June 30th- level 2893acft opened to 3200usgpm
Dam inspections completed weekly

Definitions:

UV Availability (%) - Calculated daily percentage of the time the UV is in operation divided by the time where there is flow going through the UV reactor. (Note: SCADA performing this calculation has a small error based on the time the values are pulled which does not allow the UV Availability to show 100% when the Reactor was operating for a full day without interruption (i.e. 99.93% represents a full day running without issue).

WATER DISTRIBUTION



Power's Creek Water Service Area – Distribution System Monitoring

June 2026

Water Quality Data Review

- Based on the Power's Creek Water Service Area distribution system grab sample data, it appears the turbidity, free-chlorine (FCR) and bacteriological results have met the Water Quality Objectives during the month of June.
- June Bacteriological Sampling Summary:
 - 17 samples to CARO for analysis
 - 12 samples analyzed in-house at RVWTP
 - All bacteriological sample results were <1 CFU/100mL for Total Coliforms and <1 CFU/100mL for *E.coli*.
- June 10, 2026 – Dixie Reservoir high strength hypo concentration was tested and changed to 9.0% on PLC.
- June 11, 2026 – Glenrosa Reservoir high strength hypo concentration was tested and changed to 10.4%.
 - Hypo system was turned on and dosing set to 0.50mg/L.
- June 17, 2026 – Glenrosa Reservoir high strength hypo concentration was tested and changed to 10.2%.
- June 17, 2026 – Dixie Reservoir high strength hypo concentration was tested and changed to 6.1% on PLC.
- June 18, 2026 – Lateral One PS maintenance was completed on the online analyser; pH sensor was replaced, chlorine membrane cap and electrolyte were replaced and all analyser components were cleaned. Note multiple sensors had failed on June 17th.
 - June 19, 2026 – Verification performed and no changes were necessary

Operational System Improvements/Events

- June 3, 2026 – Bridlehill PS was de-winterized and started up by the treatment plant operations staff.
- June 15, 2026 – 3850 Glenway Rd leak on service line affecting two properties 3850 Glenway Rd and 2802 Glenmount Crt, both properties experienced water service disruption for 24 hours until City crews could repair the service line and replace both curb stops. Positive pressure maintained during repairs.
- June 23, 2026 – Glenrosa Reservoir communications updates completed by City contractor.

WQ Field and SCADA Data

Sampling Location Table:

Sample Name	Civic Address	Pressure Zone	WQ Sampling Rationale
Lateral One PS	3188 Shetler Dr	630	1 st Customer water quality check.
Glenrosa PS	3149 Coventry Cres	673	Mid system water quality check. Water quality distributed throughout Glenrosa area.
Glenrosa Res	3313 Glenrosa Rd	673	Mid system water quality check on reservoir. Re-chlorination occurring at this location.
Smith Creek PS &Res	2802 Smith Creek Rd	630	Mid system water quality check. Water quality distributed throughout Smith Creek and downtown Westbank area.
Dixie Res	2850 Dixie Rd	630	Mid system water quality check. Re-chlorination occurring at this location.
End-of-Line WQS	4119 Gellatly Rd	449	End system water quality check.
Mclver SS	3036 Mclver Rd	626	Mid system water quality check.
Bulk Water Stn	3020 Shannon Lake Rd	583	End system water quality check. Water quality for bulk water filling and free water available to public.

- **PS** = Pump Station
- **SS**= Sample Station
- **Res** = Reservoir
- **WQS** = Water Quality Station

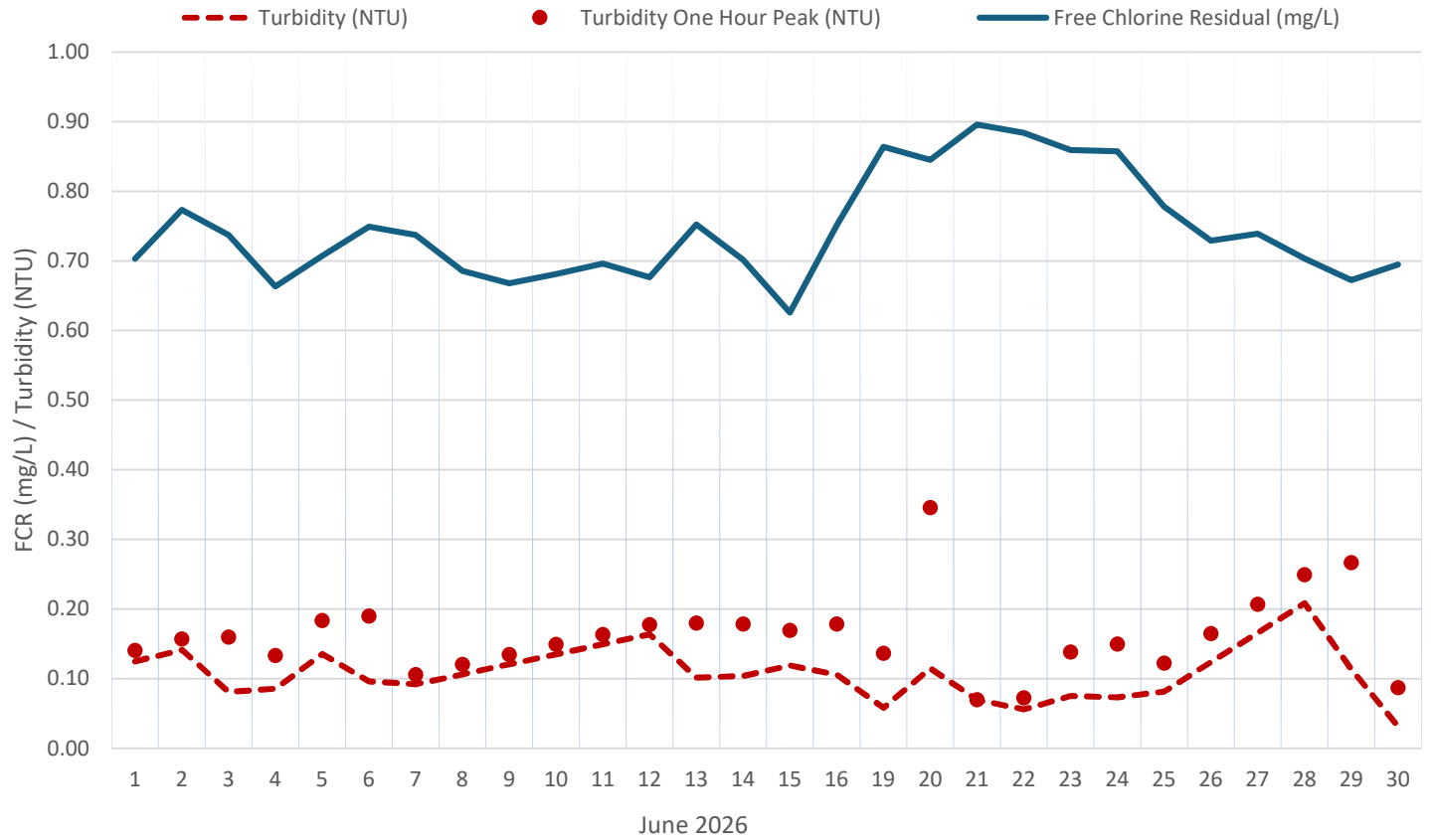
Note: Water Quality (WQ) field data results reflect that of the noted location within the distribution system at the time of the grab sample collection.

Lateral One PS

Lateral One PS Online Data							
Date	pH	Turbidity	Turbidity (Peak 1 Hr)	Temp	FCR		
	Avg (pH)	Avg (NTU)	Max Based On 1 Hr Avg	Avg (°C)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
June 2026							
1	6.15	0.13	0.14	13.05	0.55	0.79	0.70
2	6.16	0.14	0.16	12.60	0.61	0.84	0.77
3	6.13	0.08	0.16	13.64	0.55	0.86	0.74
4	6.15	0.09	0.13	13.69	0.49	0.76	0.66
5	6.17	0.14	0.18	13.81	0.58	0.79	0.71
6	6.18	0.10	0.19	12.83	0.55	0.86	0.75
7	6.18	0.09	0.11	11.67	0.61	0.84	0.74
8	6.26	0.11	0.12	11.32	0.52	0.76	0.69
9	6.28	0.12	0.13	11.60	0.39	0.81	0.67
10	6.24	0.14	0.15	12.12	0.49	0.81	0.68
11	6.22	0.15	0.16	12.17	0.61	0.74	0.70
12	6.23	0.16	0.18	13.56	0.58	0.72	0.68
13	6.16	0.10	0.18	13.90	0.65	0.83	0.75
14	6.14	0.10	0.18	14.78	0.62	0.76	0.70
15	6.14	0.12	0.17	15.90	0.53	0.72	0.63
16	6.16	0.11	0.18	16.35	0.58	0.90	0.75
17							
18							
19	7.03	0.06	0.14	14.84	0.69	1.03	0.86
20	7.03	0.12	0.35	16.73	0.16	0.99	0.85
21	7.05	0.07	0.07	15.47	0.74	0.97	0.90
22	7.07	0.06	0.07	15.01	0.76	0.95	0.88
23	7.13	0.08	0.14	15.57	0.77	0.93	0.86
24	7.17	0.07	0.15	16.69	0.61	4.82	0.86
25	7.17	0.08	0.12	16.81	0.63	0.88	0.78
26	7.25	0.12	0.16	17.07	0.58	0.81	0.73
27	7.27	0.17	0.21	16.26	0.55	0.84	0.74
28	7.27	0.21	0.25	15.35	0.53	0.82	0.70
29	7.28	0.11	0.27	16.10	0.55	0.77	0.67
30	7.33	0.03	0.09	16.71	0.57	0.79	0.69
Average	6.61	0.11		14.49	0.57	0.98	0.74
Min	6.13	0.03		11.32	0.16	0.72	0.63
Max	7.33	0.21	0.35	17.07	0.77	4.82	0.90

- June 17 & 18, 2026 – Due to failed sensors on the online analyser the data has been removed from the table above.
- June 18, 2026 – Lateral One PS maintenance was completed on the online analyser; pH sensor was replaced, chlorine membrane cap and electrolyte were replaced and all analyser components were cleaned.
 - June 19, 2026 – Verification performed and no changes were necessary

Lateral One PS Online Data



Lateral One PS Water Quality

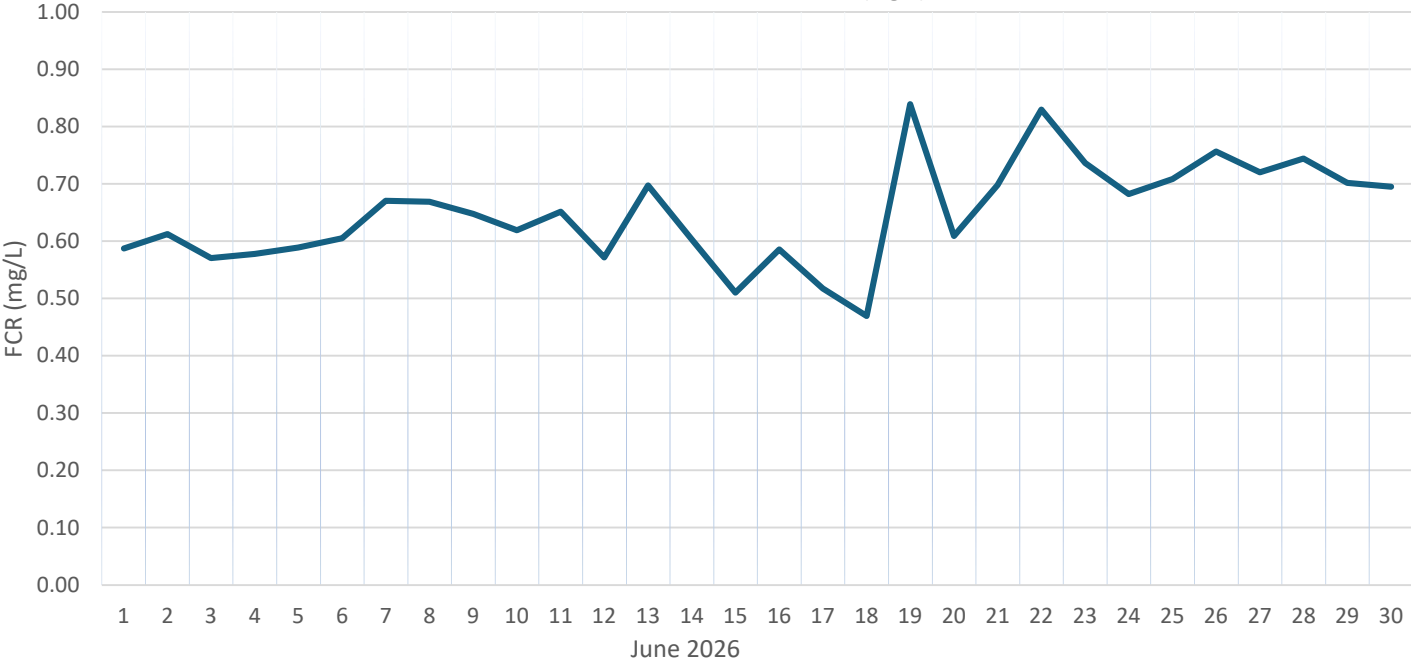
Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
02-Jun-26	0.14	0.07	11.5	0.95	0.81	7.10
09-Jun-26	0.06	0.08	10.6	0.80	0.70	7.36
16-Jun-26	0.07	0.08	14.9	0.89	0.84	7.34
23-Jun-26	0.10	0.05	14.9	0.95	0.90	7.45
29-Jun-26	0.06	0.05	15.9	0.79	0.7	7.39
# of Samples	5	5	5	5	5	5
Average	0.09	0.07	13.6	0.88	0.79	7.33
Range	0.06-0.14	0.05-0.08	10.6-15.9	0.79-0.95	0.7-0.9	7.1-7.45

Glenrosa PS & Reservoir

Glenrosa Reservoir Online Data							
Date	Flow Total From PS	Peak Flow From PS	pH	Temp	FCR		
	(ML)	Max (ML/Day)	Avg (pH)	Avg (°C)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
June 2026							
1	2.78	5.05	7.09	11.76	0.38	0.83	0.59
2	3.44	8.78	7.07	11.51	0.39	0.90	0.61
3	2.95	8.96	7.07	11.96	0.36	0.90	0.57
4	2.90	5.09	7.10	12.17	0.33	0.83	0.58
5	3.07	5.09	7.10	12.39	0.31	0.88	0.59
6	3.07	9.01	7.12	12.05	0.35	0.92	0.61
7	3.53	8.98	7.14	11.34	0.42	0.91	0.67
8	2.67	4.40	7.17	10.98	0.47	0.91	0.67
9	2.97	8.99	7.18	10.94	0.47	0.95	0.65
10	3.00	4.37	7.20	11.11	0.45	0.96	0.62
11	2.97	5.05	7.19	11.15	0.45	1.32	0.65
12	2.33	8.96	7.18	11.73	0.38	0.94	0.57
13	4.23	9.00	7.16	12.28	0.37	1.09	0.70
14	3.83	5.04	7.16	12.67	0.34	1.04	0.60
15	2.92	5.06	7.16	13.34	0.28	1.02	0.51
16	3.83	8.99	7.16	13.84	0.27	1.49	0.59
17	3.59	8.91	7.12	14.00	0.30	1.26	0.52
18	2.22	5.09	7.10	13.95	0.28	0.93	0.47
19	4.06	5.06	7.07	13.71	0.52	0.98	0.84
20	3.15	8.93	7.08	13.97	0.41	1.60	0.61
21	3.95	9.00	7.07	14.01	0.41	1.23	0.70
22	4.02	5.06	7.07	13.92	0.49	1.30	0.83
23	3.95	9.03	7.10	14.08	0.58	1.34	0.74
24	3.98	8.81	7.10	14.48	0.50	1.16	0.68
25	3.37	5.05	7.14	14.85	0.47	1.04	0.71
26	3.10	5.03	7.19	15.15	0.49	5.66	0.76
27	3.57	8.76	7.19	14.80	0.51	1.42	0.72
28	3.67	5.04	7.25	14.43	0.55	1.31	0.74
29	2.99	5.03	7.25	14.65	0.51	1.11	0.70
30	3.63	8.78	7.24	14.88	0.45	3.85	0.69
Total	97						
Average	3.32	6.95	7.14	13.07	0.42	1.34	0.65
Min	2.22	4.37	7.07	10.94	0.27	0.83	0.47
Max	4.23	9.03	7.25	15.15	0.58	5.66	0.84

Glenrosa Reservoir Online Data

Free Chlorine Residual (mg/L)

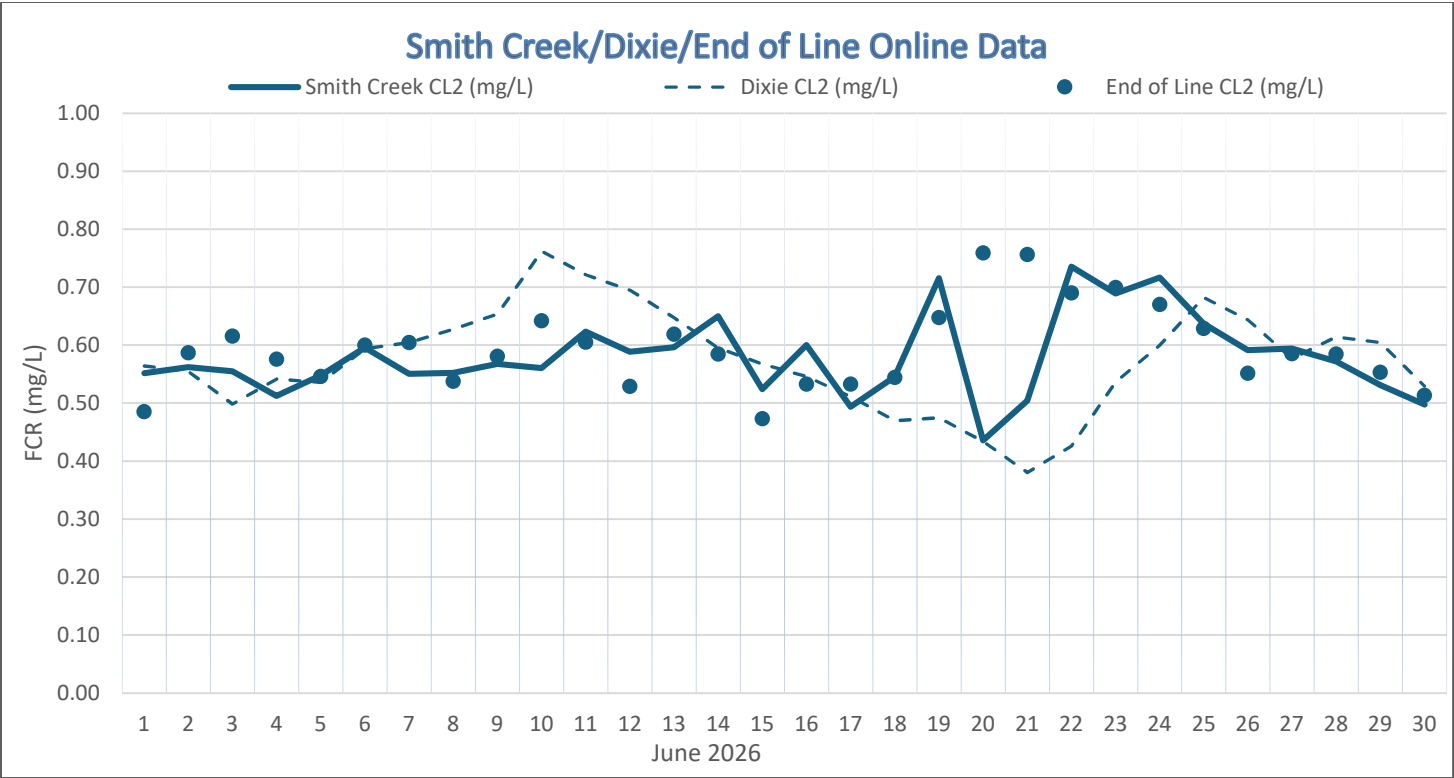


Smith Creek PS, Dixie Reservoir & End-of-Line WQS

Date	Smith Creek Reservoir FCR		
	Min (mg/L)	Max (mg/L)	Avg (mg/L)
June 2026			
1	0.34	0.88	0.55
2	0.32	0.94	0.56
3	0.37	0.94	0.56
4	0.32	0.84	0.51
5	0.32	0.88	0.55
6	0.32	0.95	0.60
7	0.36	0.94	0.55
8	0.41	0.86	0.55
9	0.37	0.90	0.57
10	0.41	0.90	0.56
11	0.40	0.84	0.62
12	0.37	0.84	0.59
13	0.26	0.94	0.60
14	0.32	0.88	0.65
15	0.26	0.83	0.52
16	0.29	0.99	0.60
17	0.26	0.84	0.49
18	0.32	0.94	0.55
19	0.30	1.03	0.72
20	0.30	1.08	0.44
21	0.30	1.03	0.50
22	0.36	1.01	0.74
23	0.44	0.95	0.69
24	0.43	0.98	0.72
25	0.41	0.88	0.64
26	0.37	0.84	0.59
27	0.34	0.88	0.59
28	0.36	0.84	0.57
29	0.34	0.77	0.53
30	0.30	0.83	0.50
Average	0.34	0.91	0.58
Min	0.26	0.77	0.44
Max	0.44	1.08	0.74

Dixie Reservoir FCR		
Min (mg/L)	Max (mg/L)	Avg (mg/L)
0.54	0.59	0.56
0.52	0.58	0.56
0.45	0.53	0.50
0.45	0.61	0.54
0.51	0.57	0.54
0.51	0.62	0.59
0.54	0.68	0.60
0.59	0.64	0.63
0.58	0.79	0.65
0.72	0.79	0.76
0.70	0.73	0.72
0.67	0.72	0.69
0.62	0.68	0.65
0.56	0.63	0.60
0.56	0.59	0.57
0.51	0.57	0.55
0.48	0.53	0.51
0.43	0.51	0.47
0.43	0.51	0.47
0.40	0.46	0.43
0.34	0.41	0.38
0.32	0.59	0.43
0.49	0.57	0.54
0.48	0.70	0.60
0.65	0.72	0.68
0.59	0.68	0.64
0.54	0.64	0.58
0.58	0.65	0.61
0.56	0.64	0.60
0.42	0.57	0.53
0.53	0.62	0.57
0.32	0.41	0.38
0.72	0.79	0.76

End of The Line FCR		
Min (mg/L)	Max (mg/L)	Avg (mg/L)
0.31	0.56	0.49
0.39	0.67	0.59
0.46	0.68	0.62
0.53	0.63	0.58
0.44	0.61	0.55
0.53	0.68	0.60
0.49	0.69	0.60
0.46	0.61	0.54
0.46	0.70	0.58
0.50	0.73	0.64
0.56	0.66	0.61
0.45	0.58	0.53
0.45	0.71	0.62
0.48	0.64	0.58
0.40	0.58	0.47
0.31	0.67	0.53
0.42	0.64	0.53
0.34	0.63	0.54
0.49	0.77	0.65
0.54	0.83	0.76
0.63	0.82	0.76
0.61	0.78	0.69
0.56	0.79	0.70
0.58	0.75	0.67
0.60	0.66	0.63
0.50	0.64	0.55
0.45	0.64	0.59
0.43	0.63	0.58
0.50	0.60	0.55
0.40	0.60	0.51
0.48	0.67	0.59
0.31	0.56	0.47
0.63	0.83	0.76



End-of-Line WQS Water Quality					
Date	Turbidity	Temp	FCR		pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
02-Jun-26	0.15	14.8	0.60	0.66	7.04
09-Jun-26	0.17	15.4	0.54	0.56	7.28
16-Jun-26	0.10	15.8	0.59	0.63	7.32
23-Jun-26	0.11	17.5	0.83	0.72	7.24
29-Jun-26	0.13	17.6	0.48	0.5	7.37
# of Samples	5	5	5	5	5
Average	0.13	16.2	0.61	0.61	7.25
Range	0.10-0.17	14.8-17.6	0.48-0.83	0.50-0.72	7.04-7.37

WQ Field Data

Mclver SS

Mclver SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
02-Jun-26	0.21	13.6	0.60	7.02
09-Jun-26	0.19	12.8	0.55	7.04
16-Jun-26	0.16	15.2	0.65	7.29
23-Jun-26	0.13	16.0	0.74	7.36
29-Jun-26	0.08	16.1	0.57	7.37
# of Samples	5	5	5	5
Average	0.15	14.7	0.62	7.22
Range	0.08-0.21	12.8-16.1	0.55-0.74	7.02-7.37

Bulk Water Station (Stn)

Bulk Water Station Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
02-Jun-26	0.16	14.8	0.60	7.13
09-Jun-26	0.13	14.8	0.37	7.17
16-Jun-26	0.27	15.5	0.68	7.33
23-Jun-26	0.14	16.3	0.78	7.28
29-Jun-26	0.14	16.5	0.58	7.36
# of Samples	5	5	5	5
Average	0.17	15.6	0.60	7.25
Range	0.13-0.27	14.8-16.5	0.37-0.78	7.13-7.36