CITY OF WEST KELOWNA

Monthly Water Quality Report

Rose Valley Water Service Area

March 2026

WATER SUPPLY AND TREATMENT

CITY OF
WEST
KELOWNA

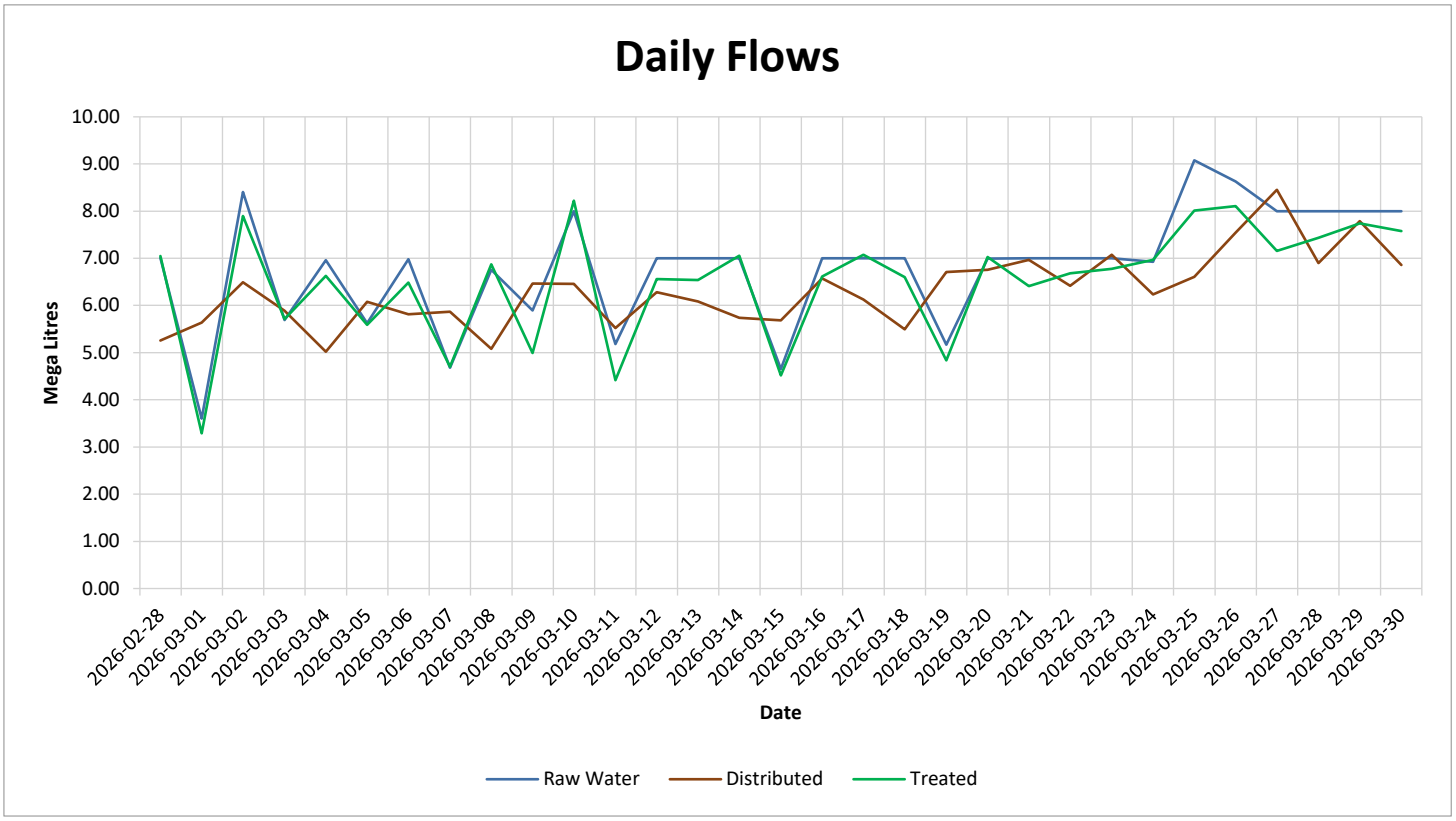
Rose Valley
Water Treatment Plant Monthly
Water Quality Summary

2026-04-07

March, 2026

Flow Demand:

	Total for Month	
Raw Processed Water:	211.23	ML
Treated Water :	201.56	ML
Distributed Water :	195.86	ML
Backwash Water :	9.221943	ML



Notes:

Raw Water Specifications:

	Raw Turbidity (NTU)			Raw pH		
Date	Min	Max	Average	Min	Max	Average
2026-03-01	0.38	1.32	0.57	8.06	8.11	8.09
2026-03-02	0.38	0.92	0.62	8.10	8.11	8.11
2026-03-03	0.50	43.59	2.10	8.08	8.14	8.11
2026-03-04	0.56	0.90	0.68	8.09	8.13	8.11
2026-03-05	0.38	1.01	0.61	8.10	8.13	8.12
2026-03-06	0.55	0.81	0.68	8.08	8.12	8.10
2026-03-07	0.43	25.97	0.74	8.10	8.14	8.11
2026-03-08	0.74	11.20	0.90	8.14	8.20	8.17
2026-03-09	0.54	3.02	0.77	8.15	8.20	8.18
2026-03-10	0.40	10.86	0.83	7.86	8.26	8.06
2026-03-11	0.35	1.19	0.71	7.89	7.95	7.92
2026-03-12	0.50	0.96	0.83	7.92	7.94	7.93
2026-03-13	0.69	0.99	0.83	7.92	8.02	7.94
2026-03-14	0.89	1.23	1.07	7.99	8.07	8.02
2026-03-15	0.56	1.90	0.74	7.97	8.06	8.01
2026-03-16	0.49	0.88	0.65	7.94	8.00	7.97
2026-03-17	0.43	1.07	0.74	7.94	8.01	7.97
2026-03-18	0.65	1.04	0.78	7.92	7.95	7.93
2026-03-19	0.33	0.94	0.64	7.91	7.98	7.94
2026-03-20	0.53	0.80	0.67	7.94	7.98	7.97
2026-03-21	0.61	0.83	0.68	7.94	8.00	7.97
2026-03-22	0.62	1.14	0.70	7.92	7.97	7.94
2026-03-23	0.26	16.37	0.48	7.94	8.15	8.04
2026-03-24	0.01	3684.55	0.91	7.87	8.13	8.03
2026-03-25	0.46	0.64	0.55	7.87	7.96	7.89
2026-03-26	0.24	0.68	0.44	7.85	7.94	7.88
2026-03-27	0.37	0.53	0.44	7.87	7.89	7.88
2026-03-28	0.46	0.68	0.56	7.86	7.99	7.93
2026-03-29	0.00	0.70	0.57	7.82	7.90	7.87
2026-03-30	0.00	0.72	0.52	7.88	7.98	7.95
2026-03-31	0.00	0.66	0.54	7.88	7.94	7.92

Notes:

Raw water spike on March 24th due to cleaning analyzer without putting on hold

Raw Water Specifications (Continued):

	Raw Temp (˚C)			Raw DOC (mg/L)		
Date	Min	Max	Average	Min	Max	Average
2026-03-01	4.28	4.62	4.40	13.82	14.60	14.06
2026-03-02	4.30	4.49	4.34	13.68	14.80	13.92
2026-03-03	4.31	4.75	4.39	13.77	16.56	14.01
2026-03-04	4.26	4.43	4.33	12.60	14.80	14.04
2026-03-05	4.24	4.51	4.36	12.99	116.29	13.96
2026-03-06	4.37	4.48	4.42	13.72	14.16	13.93
2026-03-07	4.46	4.70	4.57	13.33	15.19	13.89
2026-03-08	4.65	4.84	4.76	13.72	15.09	13.97
2026-03-09	4.78	4.93	4.84	13.72	15.29	13.97
2026-03-10	4.67	12.50	4.81	13.77	19.15	14.04
2026-03-11	4.76	5.02	4.87	13.68	14.31	14.04
2026-03-12	4.84	4.97	4.88	12.41	14.31	13.95
2026-03-13	4.76	5.00	4.85	12.41	15.04	13.92
2026-03-14	4.88	5.03	4.94	13.68	14.16	13.90
2026-03-15	4.79	5.07	4.92	13.68	15.04	13.88
2026-03-16	4.75	4.86	4.80	13.04	17.19	14.00
2026-03-17	4.60	4.83	4.72	13.14	14.36	13.99
2026-03-18	4.73	5.03	4.89	13.43	14.21	13.83
2026-03-19	4.94	5.17	5.07	13.38	14.31	13.92
2026-03-20	5.14	5.44	5.27	12.94	15.73	13.73
2026-03-21	5.35	5.50	5.41	13.04	17.92	13.72
2026-03-22	5.27	5.47	5.41	13.38	14.07	13.69
2026-03-23	5.13	5.72	5.38	13.19	14.80	13.59
2026-03-24	5.39	6.07	5.61	0.00	116.34	13.70
2026-03-25	5.33	5.52	5.41	13.09	14.21	13.80
2026-03-26	5.38	5.55	5.45	12.94	16.80	13.79
2026-03-27	5.44	5.57	5.51	12.55	14.36	13.78
2026-03-28	5.55	6.42	5.93	12.26	14.80	13.76
2026-03-29	5.73	5.92	5.82	12.31	14.65	13.73
2026-03-30	5.86	6.40	6.01	13.38	15.68	13.70
2026-03-31	5.98	6.08	6.03	13.38	15.29	13.70

Notes:

Raw Water Specifications (Continued):

	Raw Cond R (µS/cm)			Streaming Current		
Date	Min	Max	Average	Min	Max	Average
2026-03-01	195.53	198.91	197.18	-268.01	171.79	-119.39
2026-03-02	195.89	199.27	197.55	-81.93	27.96	9.88
2026-03-03	167.82	198.89	196.15	-268.01	129.06	-50.01
2026-03-04	160.65	197.95	188.89	-16.00	32.84	8.56
2026-03-05	176.06	201.17	194.39	-268.01	114.90	-38.61
2026-03-06	198.92	203.04	200.85	-8.67	22.83	8.68
2026-03-07	199.30	202.54	200.96	-260.93	151.04	-91.87
2026-03-08	198.96	202.34	200.73	-26.25	-6.72	-17.20
2026-03-09	193.89	201.87	199.01	-265.08	67.03	-50.56
2026-03-10	194.38	200.50	198.62	-256.08	16.00	4.65
2026-03-11	197.37	200.87	199.35	-264.59	131.75	-52.06
2026-03-12	198.13	201.04	199.60	-62.88	59.95	34.07
2026-03-13	197.88	200.98	199.46	22.83	63.61	42.82
2026-03-14	197.44	200.50	199.07	14.29	56.53	29.49
2026-03-15	197.41	200.66	198.98	-263.37	120.27	-71.04
2026-03-16	197.88	200.76	199.36	-79.00	48.72	37.22
2026-03-17	197.44	201.00	199.33	18.93	50.92	31.09
2026-03-18	196.38	200.70	198.60	-65.32	82.17	48.60
2026-03-19	196.30	199.89	198.17	-281.44	107.57	-43.86
2026-03-20	195.39	199.80	197.69	10.13	50.18	28.80
2026-03-21	195.92	198.97	197.41	21.37	63.13	40.56
2026-03-22	195.78	199.46	197.61	21.37	94.14	38.21
2026-03-23	194.70	199.59	197.20	-85.84	68.99	39.66
2026-03-24	194.27	198.17	196.36	-269.72	109.77	14.89
2026-03-25	195.26	198.22	196.87	13.80	55.07	40.71
2026-03-26	195.44	198.56	196.89	21.61	56.53	42.95
2026-03-27	195.13	198.12	196.66	-80.95	57.75	43.03
2026-03-28	193.39	197.73	195.61	-6.23	54.58	28.30
2026-03-29	194.35	197.17	195.81	9.89	44.81	21.82
2026-03-30	193.21	196.76	195.22	-93.65	46.03	23.18
2026-03-31	193.64	196.60	195.22	0.85	37.73	19.85

Notes:

Raw Water Specifications (Continued):

	Coagulated pH			Coagulated Temp (˚C)		
Date	Min	Max	Average	Min	Max	Average
2026-03-01	7.68	8.05	7.83	3.99	5.09	4.30
2026-03-02	7.60	7.80	7.72	3.94	5.04	4.23
2026-03-03	7.40	8.10	7.75	3.98	4.63	4.21
2026-03-04	7.73	7.79	7.75	4.07	4.75	4.17
2026-03-05	7.56	8.01	7.74	3.97	4.78	4.19
2026-03-06	7.73	7.82	7.77	4.13	4.93	4.47
2026-03-07	7.82	8.02	7.90	4.44	5.18	4.60
2026-03-08	7.87	7.88	7.88	4.60	4.81	4.71
2026-03-09	7.55	8.20	7.85	4.49	5.53	4.79
2026-03-10	7.50	7.83	7.64	4.36	5.20	4.53
2026-03-11	7.54	8.11	7.73	4.37	5.19	4.55
2026-03-12	7.61	7.74	7.68	4.36	4.59	4.50
2026-03-13	7.63	7.73	7.68	4.31	4.71	4.45
2026-03-14	7.73	7.76	7.74	4.38	4.63	4.47
2026-03-15	7.67	8.13	7.82	4.28	5.21	4.46
2026-03-16	7.44	7.71	7.61	4.23	4.55	4.38
2026-03-17	7.61	7.80	7.71	4.22	4.41	4.28
2026-03-18	7.51	7.80	7.70	4.25	5.23	4.50
2026-03-19	7.61	8.04	7.78	4.34	5.12	4.48
2026-03-20	7.74	7.76	7.75	4.57	5.35	4.67
2026-03-21	7.69	7.75	7.72	4.80	5.82	4.98
2026-03-22	7.67	7.73	7.71	4.82	5.62	4.95
2026-03-23	7.72	7.85	7.77	5.02	5.43	5.16
2026-03-24	7.74	7.97	7.82	5.08	6.00	5.32
2026-03-25	7.74	7.77	7.75	5.08	5.41	5.28
2026-03-26	7.72	7.74	7.73	5.32	5.62	5.43
2026-03-27	7.55	7.74	7.68	5.28	5.80	5.42
2026-03-28	7.72	7.81	7.77	5.38	6.62	5.73
2026-03-29	7.74	7.79	7.77	5.48	6.35	5.63
2026-03-30	7.68	7.79	7.75	5.61	6.32	5.88
2026-03-31	7.75	7.78	7.76	5.84	6.33	5.98

Notes:

Raw Water Specifications (Continued):

	Raw Cond Y (µS/cm)			Raw Water DO (mg/L)		
Date	Min	Max	Average	Min	Max	Average
2026-03-01	117.05	118.16	117.50	12.90	13.27	13.15
2026-03-02	14.27	117.72	116.93	13.16	13.32	13.25
2026-03-03	12.81	118.91	117.02	12.83	13.23	13.08
2026-03-04	9.28	118.59	116.83	12.92	13.25	13.16
2026-03-05	116.24	117.90	117.26	13.09	13.42	13.28
2026-03-06	24.81	117.82	117.38	13.23	13.39	13.29
2026-03-07	117.71	118.60	118.13	13.12	13.34	13.27
2026-03-08	117.90	119.16	118.51	13.09	13.44	13.28
2026-03-09	9.60	119.21	118.56	13.13	13.50	13.32
2026-03-10	2.46	119.12	118.03	13.04	13.36	13.24
2026-03-11	118.00	119.11	118.57	12.97	13.28	13.17
2026-03-12	118.45	118.79	118.63	13.11	13.25	13.21
2026-03-13	4.14	118.95	118.07	13.12	13.58	13.26
2026-03-14	118.50	119.03	118.81	13.42	13.76	13.55
2026-03-15	118.14	119.15	118.70	13.24	13.66	13.47
2026-03-16	9.68	118.58	118.16	13.17	13.48	13.28
2026-03-17	43.85	118.49	118.04	12.99	13.38	13.23
2026-03-18	77.64	118.75	118.17	12.86	13.19	12.99
2026-03-19	27.86	119.34	118.46	12.81	13.23	12.95
2026-03-20	117.30	119.94	118.76	12.77	13.19	12.91
2026-03-21	118.51	120.28	119.35	12.82	13.20	12.96
2026-03-22	118.64	120.43	119.67	12.77	13.11	12.87
2026-03-23	6.59	121.72	120.20	12.78	13.23	13.00
2026-03-24	119.64	122.53	121.15	12.24	13.20	12.71
2026-03-25	8.71	121.79	121.03	12.26	12.69	12.56
2026-03-26	121.49	122.21	121.79	12.56	12.65	12.60
2026-03-27	91.76	122.49	122.28	12.57	12.66	12.61
2026-03-28	122.38	126.03	123.92	12.23	12.89	12.66
2026-03-29	122.85	123.89	123.46	12.19	12.55	12.40
2026-03-30	17.73	126.27	124.42	12.44	12.59	12.54
2026-03-31	11.31	125.10	124.49	12.28	12.46	12.40

Notes:

Raw Water Specifications (Continued):

	Raw Manganese (ppm)		
Date	Min	Max	Average
2026-03-01	???	???	0.41
2026-03-02	???	???	0.41
2026-03-03	???	???	0.41
2026-03-04	???	???	0.41
2026-03-05	???	???	0.41
2026-03-06	???	???	0.41
2026-03-07	???	???	0.41
2026-03-08	???	???	0.41
2026-03-09	???	???	0.41
2026-03-10	???	???	0.41
2026-03-11	???	???	0.41
2026-03-12	???	???	0.41
2026-03-13	???	???	0.41
2026-03-14	???	???	0.41
2026-03-15	???	???	0.41
2026-03-16	???	???	0.41
2026-03-17	???	???	0.41
2026-03-18	???	???	0.41
2026-03-19	???	???	0.41
2026-03-20	???	???	0.41
2026-03-21	???	???	0.41
2026-03-22	???	???	0.41
2026-03-23	???	???	0.41
2026-03-24	???	???	0.41
2026-03-25	???	???	0.41
2026-03-26	???	???	0.41
2026-03-27	???	???	0.41
2026-03-28	???	???	0.41
2026-03-29	???	???	0.41
2026-03-30	???	???	0.41
2026-03-31	???	???	0.41

Notes:

Manganese analyzer off for the season.

Train 1 Filter Turbidity (NTU):

	Filter 1			Filter 2			Filter 3		
Date	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-03-01	0.01	0.03	0.01	0.06	0.10	0.06	0.01	0.02	0.01
2026-03-02	0.01	0.02	0.01	0.06	0.07	0.06	0.01	0.03	0.02
2026-03-03	0.01	0.05	0.01	0.06	0.07	0.07	0.02	0.03	0.02
2026-03-04	0.01	0.05	0.02	0.06	0.08	0.07	0.02	0.02	0.02
2026-03-05	0.01	0.04	0.02	0.06	0.08	0.07	0.01	0.03	0.02
2026-03-06	0.01	0.03	0.01	0.07	0.07	0.07	0.01	0.02	0.01
2026-03-07	0.01	0.02	0.02	0.07	0.07	0.07	0.01	0.03	0.01
2026-03-08	0.01	0.04	0.02	0.07	0.07	0.07	0.02	0.06	0.02
2026-03-09	0.01	0.24	0.03	0.07	0.08	0.07	0.07	2.57	0.29
2026-03-10	0.02	0.06	0.02	0.07	0.08	0.07	0.06	0.08	0.07
2026-03-11	0.01	0.05	0.02	0.02	0.08	0.05	0.06	0.07	0.06
2026-03-12	0.01	0.01	0.01	0.02	0.04	0.02	0.06	0.06	0.06
2026-03-13	0.01	0.14	0.02	0.02	0.04	0.02	0.01	0.06	0.05
2026-03-14	0.02	0.06	0.02	0.02	0.02	0.02	0.03	0.05	0.04
2026-03-15	0.02	0.10	0.02	0.02	0.03	0.02	0.03	0.06	0.04
2026-03-16	0.02	0.06	0.03	0.01	0.03	0.02	0.04	0.05	0.04
2026-03-17	0.02	0.06	0.02	0.02	0.03	0.02	0.01	0.06	0.05
2026-03-18	0.02	0.06	0.03	0.01	0.03	0.02	0.05	0.07	0.06
2026-03-19	0.02	0.05	0.03	0.01	0.04	0.02	0.02	0.10	0.07
2026-03-20	0.02	0.04	0.03	0.01	0.04	0.01	0.07	0.08	0.07
2026-03-21	0.03	0.08	0.03	0.01	0.03	0.01	0.06	0.08	0.07
2026-03-22	0.02	0.05	0.03	0.01	0.02	0.01	0.06	0.08	0.07
2026-03-23	0.02	0.05	0.03	0.01	0.02	0.01	0.07	0.09	0.08
2026-03-24	0.02	0.07	0.03	0.01	0.02	0.02	0.07	0.08	0.08
2026-03-25	0.03	0.07	0.03	0.01	0.02	0.01	0.08	0.08	0.08
2026-03-26	0.03	0.07	0.04	0.01	0.03	0.01	0.08	0.08	0.08
2026-03-27	0.02	0.08	0.03	0.01	0.02	0.01	0.08	0.08	0.08
2026-03-28	0.03	0.08	0.03	0.01	0.02	0.01	0.08	0.08	0.08
2026-03-29	0.03	0.06	0.04	0.01	0.02	0.02	0.08	0.08	0.08
2026-03-30	0.02	0.06	0.03	0.02	0.03	0.02	0.06	0.08	0.08
2026-03-31	0.02	0.04	0.02	0.01	0.04	0.02	0.05	0.18	0.06

Notes:

March 9th - Filter 3 higher then normal NTU due to bringing filter back online after filter surveillance, no NTU made it past the filter as this filter was just filled up to backwash.

Train 2 Filter Turbidity (NTU)

	Filter 4			Filter 5			Filter 6		
Date	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-03-01	0.01	0.14	0.02	0.15	0.24	0.17	0.02	0.17	0.02
2026-03-02	0.02	0.04	0.02	0.04	0.21	0.12	0.02	0.05	0.03
2026-03-03	0.02	0.08	0.02	0.02	0.09	0.03	0.02	0.05	0.03
2026-03-04	0.02	0.03	0.02	0.02	0.04	0.03	0.02	0.04	0.03
2026-03-05	0.02	0.03	0.02	0.02	0.04	0.03	0.01	0.11	0.02
2026-03-06	0.02	0.04	0.02	0.03	0.04	0.03	0.01	0.05	0.02
2026-03-07	0.01	0.05	0.02	0.03	0.04	0.04	0.01	0.03	0.02
2026-03-08	0.02	0.09	0.02	0.04	0.05	0.04	0.02	0.03	0.02
2026-03-09	0.05	0.30	0.14	0.03	0.08	0.04	0.02	0.20	0.04
2026-03-10	0.03	0.09	0.04	0.03	0.04	0.03	0.02	0.07	0.02
2026-03-11	0.02	0.05	0.03	0.03	0.04	0.03	0.02	0.08	0.02
2026-03-12	0.03	14.34	0.12	0.02	0.05	0.03	0.02	0.06	0.03
2026-03-13	0.02	0.03	0.03	0.02	0.03	0.02	0.02	0.07	0.03
2026-03-14	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.06	0.02
2026-03-15	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.09	0.03
2026-03-16	0.02	0.03	0.03	0.02	0.03	0.02	0.02	0.06	0.03
2026-03-17	0.02	0.04	0.03	0.02	0.03	0.02	0.02	0.06	0.03
2026-03-18	0.03	0.04	0.03	0.02	0.05	0.03	0.02	0.05	0.02
2026-03-19	0.03	0.04	0.03	0.02	0.05	0.02	0.02	0.03	0.02
2026-03-20	0.03	0.04	0.04	0.02	0.03	0.02	0.02	0.05	0.02
2026-03-21	0.03	0.04	0.04	0.02	0.05	0.02	0.02	0.05	0.02
2026-03-22	0.04	0.05	0.04	0.01	0.03	0.02	0.02	0.06	0.02
2026-03-23	0.04	0.05	0.04	0.02	0.04	0.02	0.02	0.06	0.03
2026-03-24	0.04	0.06	0.04	0.02	0.03	0.02	0.02	0.07	0.03
2026-03-25	0.04	0.04	0.04	0.02	0.03	0.02	0.02	0.09	0.03
2026-03-26	0.04	0.04	0.04	0.01	0.03	0.02	0.02	0.04	0.02
2026-03-27	0.04	0.04	0.04	0.01	0.03	0.02	0.02	0.06	0.02
2026-03-28	0.04	0.04	0.04	0.02	0.03	0.02	0.02	0.04	0.02
2026-03-29	0.04	0.04	0.04	0.02	0.04	0.02	0.02	0.06	0.03
2026-03-30	0.03	0.06	0.04	0.02	0.04	0.02	0.02	0.05	0.03
2026-03-31	0.03	0.05	0.04	0.02	0.03	0.03	0.01	0.19	0.03

Notes:

March 12th - Filter 4 brought back online after filter surveillance. No NTU made it to the clearwell as this filter was re-filled to perform backwash.

UV Treatment:

Date	Average Flow (L/s)	Avg Validated Dose (mj/cm2)	Undosed Flow (ML)
2026-03-01	92.74	22.00	0.0004
2026-03-02	70.73	16.87	0.0000
2026-03-03	81.93	22.00	0.0003
2026-03-04	65.53	17.90	0.0000
2026-03-05	81.79	22.00	0.0002
2026-03-06	54.05	14.79	0.0000
2026-03-07	82.77	22.00	0.0004
2026-03-09	62.28	16.29	0.0132
2026-03-10	96.26	22.00	0.0180
2026-03-11	60.64	16.15	0.0000
2026-03-12	83.21	22.00	0.0003
2026-03-13	82.98	22.00	0.0000
2026-03-14	83.52	22.00	0.0000
2026-03-15	54.74	14.76	0.0000
2026-03-16	82.47	22.00	0.0003
2026-03-17	83.47	22.00	0.0000
2026-03-18	83.57	22.00	0.0000
2026-03-19	57.34	16.32	0.0000
2026-03-20	81.35	22.00	0.0083
2026-03-21	82.15	22.00	0.0000
2026-03-22	82.12	22.00	0.0000
2026-03-23	82.15	22.00	0.0000
2026-03-24	82.60	22.00	0.0000
2026-03-25	98.67	21.87	0.0000
2026-03-26	103.73	22.00	0.0000
2026-03-27	93.70	22.00	0.0000
2026-03-28	94.04	22.00	0.0000
2026-03-29	94.02	22.00	0.0000
2026-03-30	94.77	22.00	0.0000
2026-03-31	101.51	22.00	0.0000
2026-04-01	114.65	22.00	0.0000

Monthly Total (ML):	0.0415
% of monthly water that was not UV treated:	0.021%

Notes:

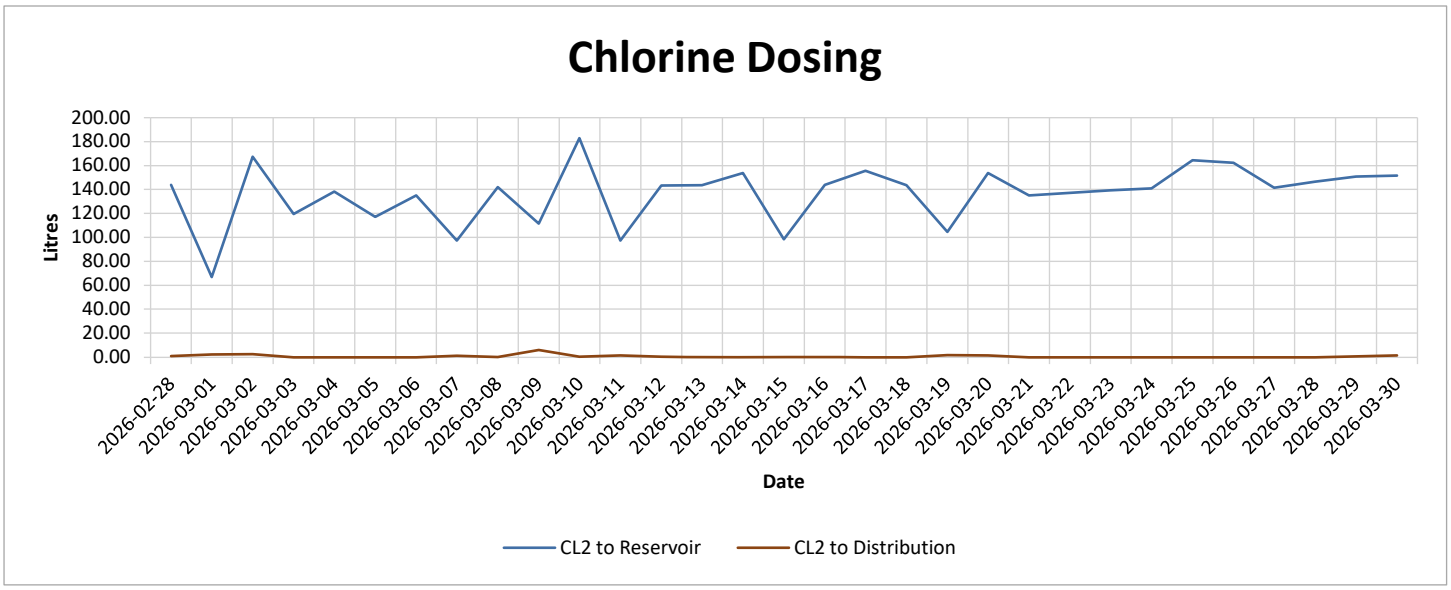
UV Transmittance %:

Date	Min	Max	Average
2026-03-01	82.76	91.23	88.34
2026-03-02	84.64	90.79	88.67
2026-03-03	83.17	92.75	88.66
2026-03-04	86.37	89.23	88.52
2026-03-05	88.01	90.18	89.01
2026-03-06	88.38	89.69	89.02
2026-03-07	87.59	89.11	88.26
2026-03-08	86.89	88.45	87.82
2026-03-09	82.52	88.86	86.99
2026-03-10	87.52	89.04	88.24
2026-03-11	87.91	89.69	88.66
2026-03-12	88.13	89.89	89.16
2026-03-13	88.67	90.18	89.43
2026-03-14	88.42	89.65	88.98
2026-03-15	88.33	89.65	88.82
2026-03-16	88.62	89.96	89.23
2026-03-17	88.18	89.47	88.87
2026-03-18	88.57	89.89	89.21
2026-03-19	88.25	89.65	89.03
2026-03-20	88.25	89.28	88.73
2026-03-21	88.55	89.94	89.06
2026-03-22	88.57	89.65	89.08
2026-03-23	88.13	89.89	89.12
2026-03-24	88.03	89.40	88.69
2026-03-25	88.50	90.21	89.30
2026-03-26	88.42	90.72	89.33
2026-03-27	88.30	89.89	89.12
2026-03-28	88.03	89.84	88.90
2026-03-29	88.01	89.52	88.80
2026-03-30	88.18	89.77	89.00
2026-03-31	87.67	89.84	88.96

Notes:

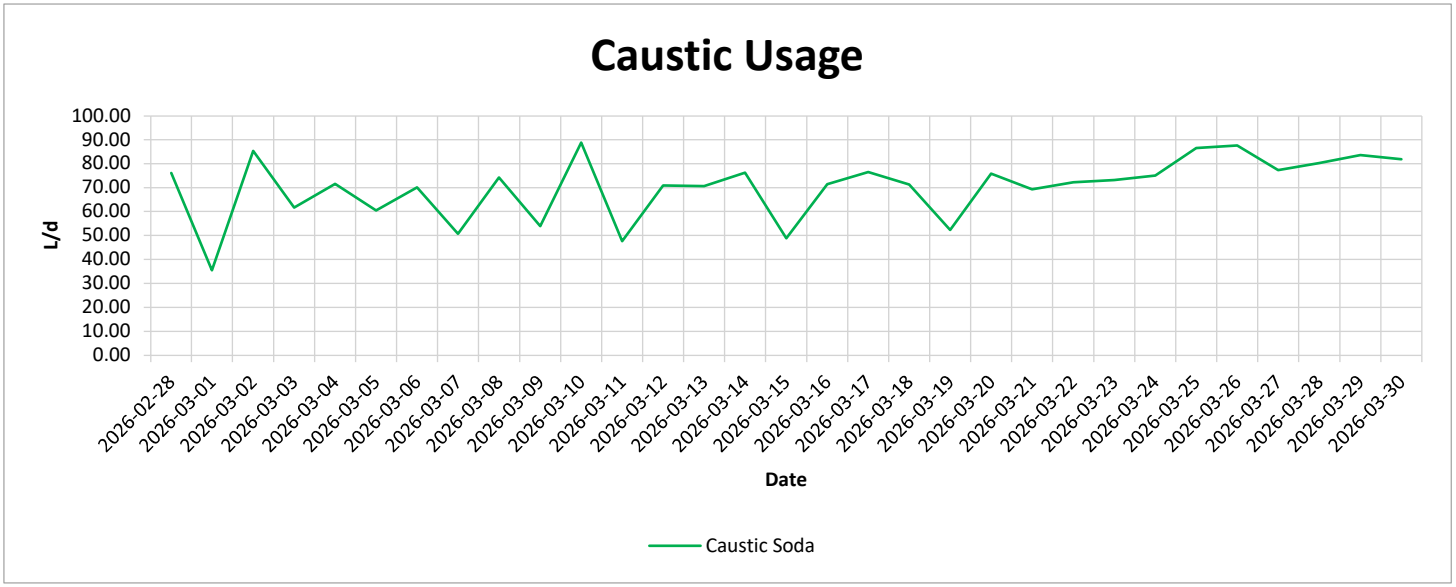
Chemical Demand:

	Total for Month
Chlorine Used:	4248.32 Litres



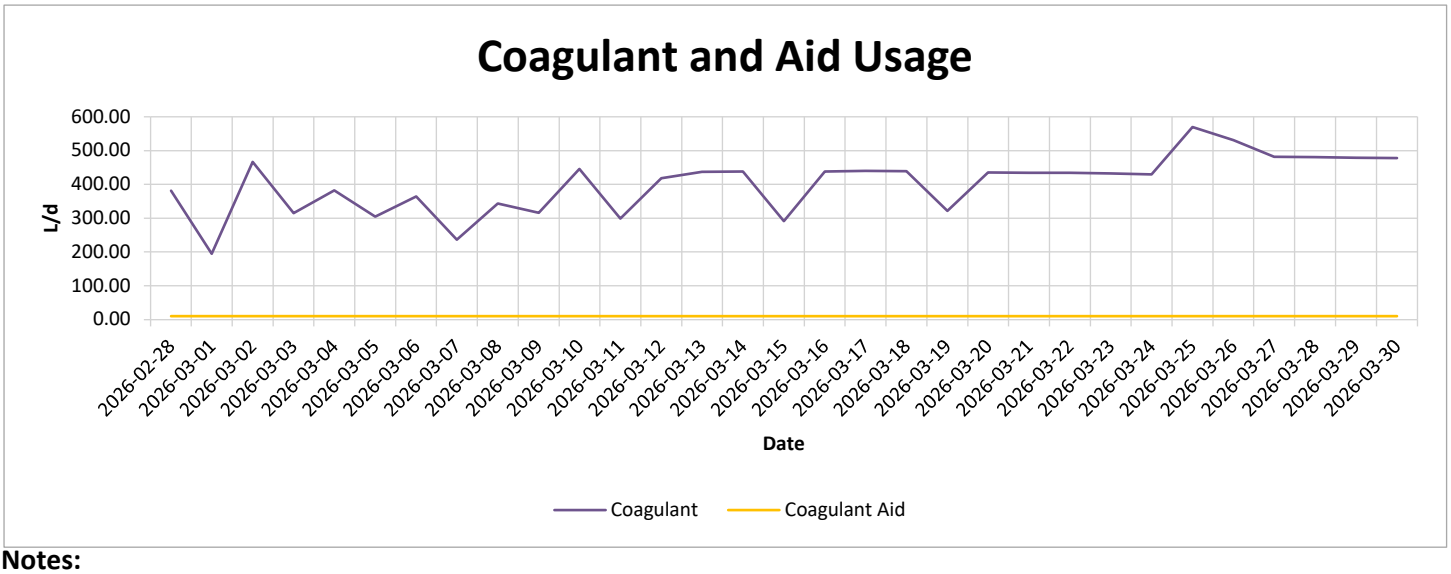
Notes:

	Total for Month
Casutic Soda Used:	2176.34 Litres



Notes:

	Total for Month	
Coagulant Used:	12453.78	Litres
Coagulant Aid Used:	299.67	Litres



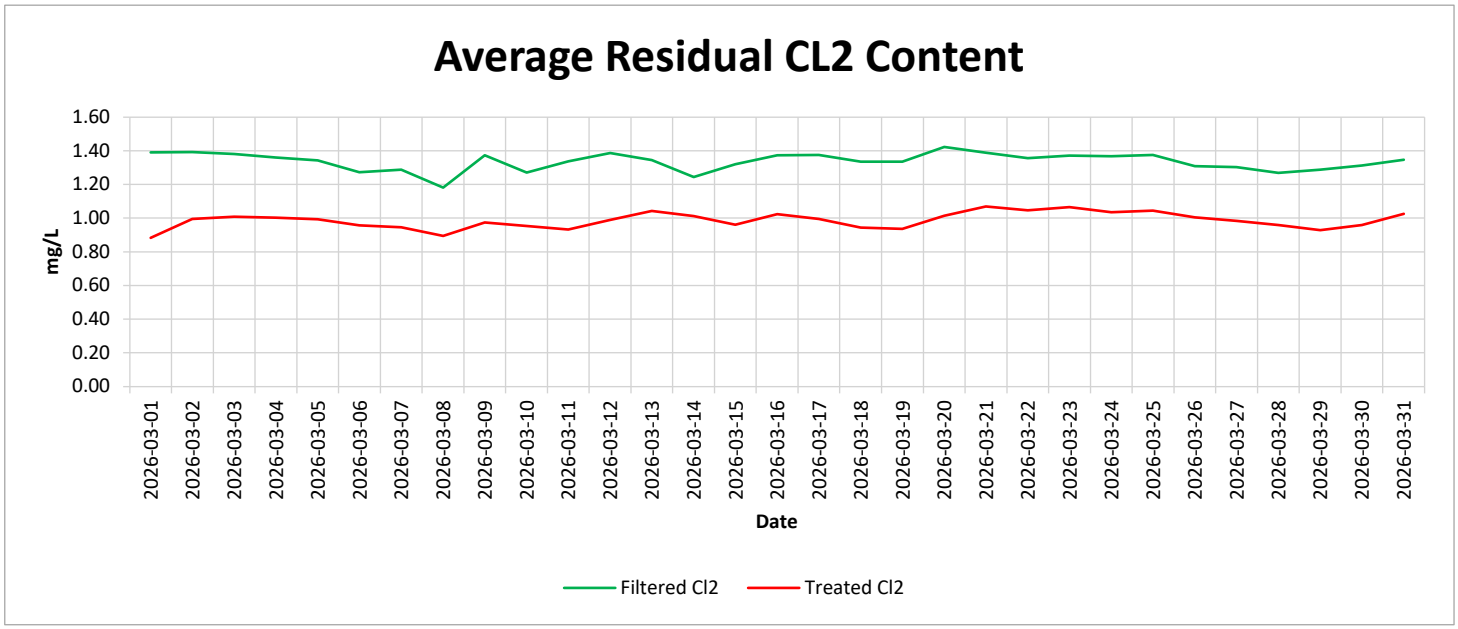
Notes:

	Total for Month	
Polymer @ .2% Concentration:	30661.01	Litres

	Total for Month	
Polymer @ .5% Concentration:	50174.45	Litres

Chlorine Dose

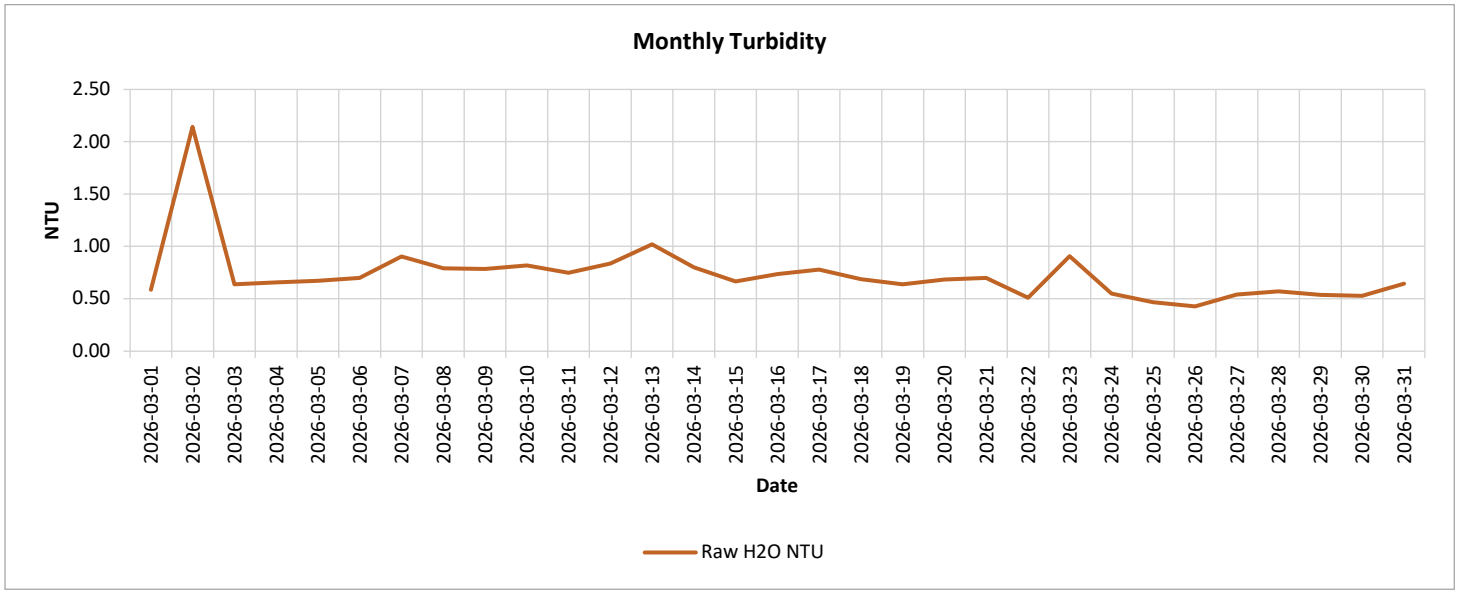
Filtered Water Residual Cl2 Average (mg/L):	1.34	mg/L
Treated Water (Distributed) Cl2 Average (mg/L):	0.99	mg/L



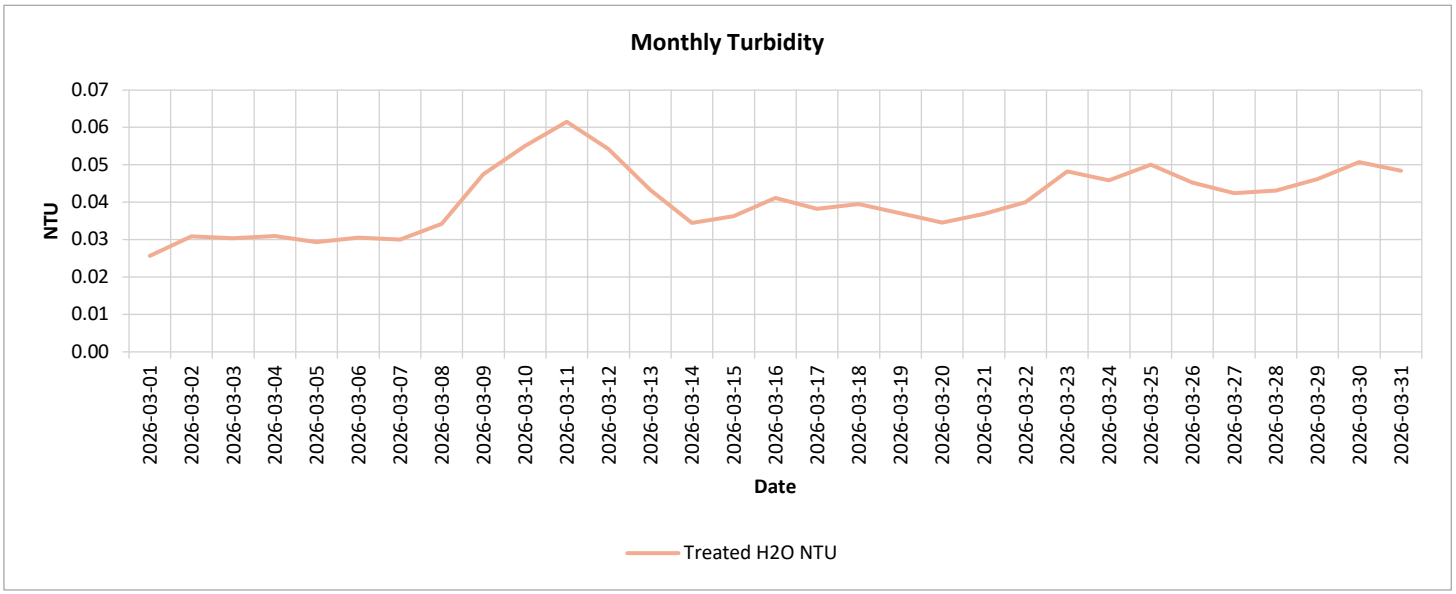
Water Quality Analytics:

Turbidity

Raw Water Monthly Average: 0.73 NTU



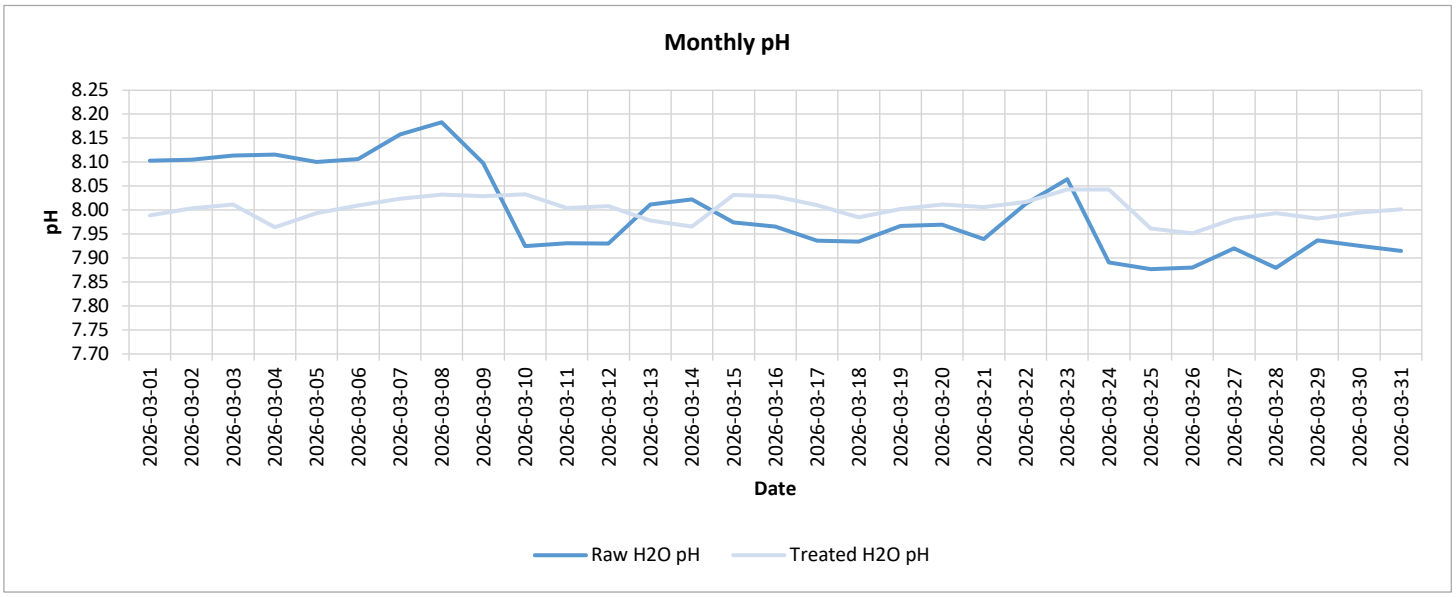
Treated Water Monthly Average: 0.04 NTU



Notes:

pH

Raw Water Monthly Average:	8.00	pH
Treated Water Monthly Average:	8.00	pH



Notes:

Rose Valley WTP Operational Highlights:

March 2nd - Abatement crew started performing work at Legacy Dam building. Performed Generator Monthly Test at Dam building.
March 3rd - Performed flushing of both 24" & 30" mains into plant.

March 4th - Lamella NTU controller failed. Started manual NTU readings daily when Lamella thickener is operational.
March 5th - Continued annual filter surveillance on Filter 2.

March 9th - Changed faulty bulbs on UV415 & UV 420. Installed VT 300HP pump P440 back in its spot and tested.
March 10th - Filter 4 drained and prepped for entry & surveillance program. All pH probes cleaned and re-calibrated.
March 16th - Poly day tank on train 2 overfill resulting in higher Daf NTU. Filters handled this fine.

March 18th - Started Lake profile of Rose Valley Reservoir.

March 19th - Cleaned and rinsed out Lamella Thickener.

March 24th - Raw NTU spike @ 0830. Greased Bearings on CTF 670. Power outage at 2145, resulting in Generator running.
March 26th - Intermountain Cranes onsite doing annual crane inspections.

March 27th - Clean out Poly Day Tank on Train 2.

March 31st - Rose Valley Reservoir lake profile taken.

Rose Valley Watershed Operational Highlights:

Rose Valley
-Weekly Dam inspections
-Mar 11th Completed Piezometers level is 596.4m
Bighorn
-No checks were completed in March
BCI/Rotork
-Site inspection completed weekly
-Flows are slowly increasing and is currently over the 3rd tier

We have switched over to winter weekly Reservoir site visits. This will depend on snow levels and transportation requirements needed to get up to the watershed.

Definitions:

CL2 to Reservoir: Chlorine that is injected post Filtered Water Pumps into the 1050mm Main up to the onsite reservoir

CL2 to Distribution: Chlorine that is injected in the meter chamber to top up residual heading to Distribution if necessary.

Undosed Flow: Water that has gone through the UV reactor that cannot be verified the target dose has been reached.

Filtered Water Residual: Filtered water that leaves the plant and heads to the onsite treated water reservoir

Treated Water Residual: Treated water residual that is tested in the meter vault before it leaves site and heads to distribution.

Setpoint to set filter offline and trigger backwash = **0.25 NTU**

WATER DISTRIBUTION

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Rose Valley Water Service Area - Distribution System Monitoring

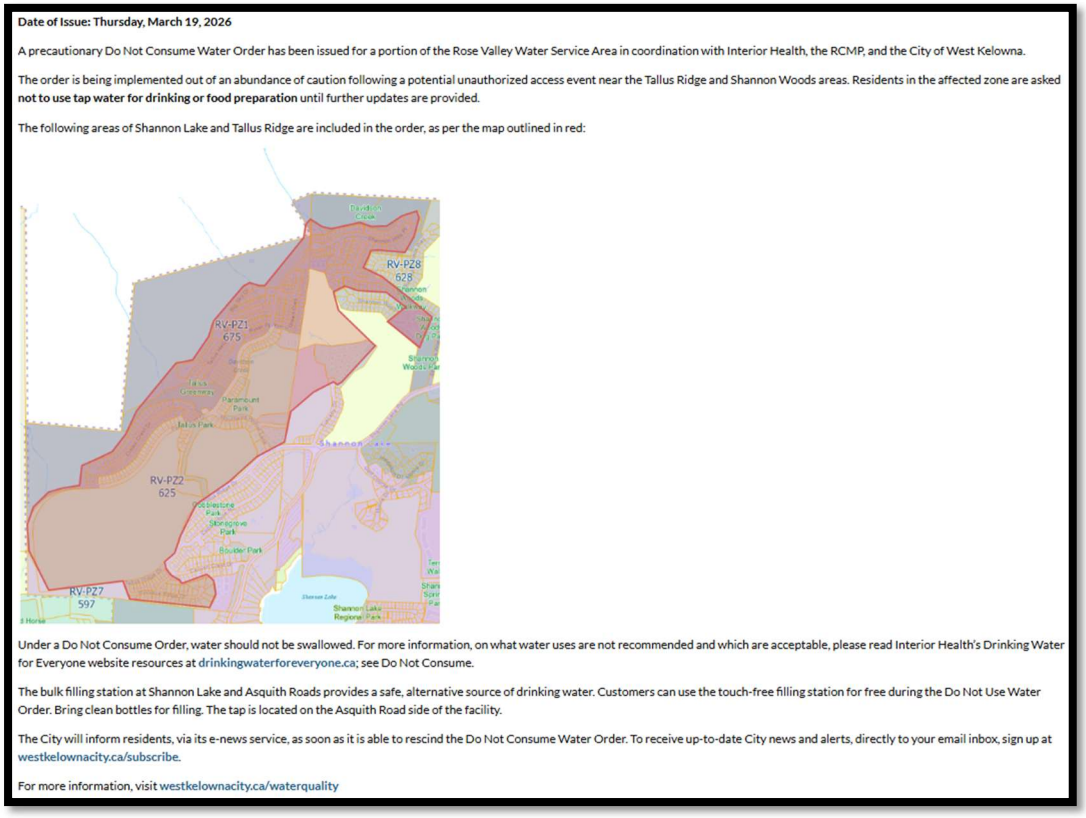
March 2026

Water Quality Data Review

- Based on the Rose Valley Water Service Area (RVWSA) distribution system grab-sample data, it appears the turbidity, free-chlorine (FCR) and bacteriological results have met the Water Quality Objectives (WQO) during the month of March.
- March Bacteriological sampling summery:
    - 33 samples to CARO for analysis
    - 33 samples analyzed in-house at Rose Valley Water Treatment Plant (RVWTP)
    - All routine bacteriological samples for the month had a result of <1 CFU/100mL for Total Coliforms and <1 CFU/100mL for *E.coli*.
- March 5, 2026 – Lower Boucherie Re-chlorination hypo stock strength was changed on PLC to 6.6%.
- March 11, 2026 – During online calibration of the FCR analyzer at the Rosewood Pump Station, the reported FCR value decreased by 0.10 mg/L. Flushing of the shared sample line with the turbidimeter caused a temporary NTU spike, which was not representative of system water quality at the time.
- March 11, 2026 – Menu Re-chlorination hypo stock strength was changed on PLC to 10.6%.
- March 11, 2026 – Lower Boucherie Re-chlorination hypo stock strength was changed on PLC to 10.2%.
- March 11, 2026 – Blackwood PS online analysers calibration adjustments made as follows:
    - Inlet: FCR 0.53mg/L increase, pH 0.34 decrease
    - Outlet: FCR 0.15mg/L increase
- March 18, 2026 – Lower Boucherie Re-chlorination hypo stock strength was changed on PLC to 7.0%.
- March 19 – 27 Water Quality testing occurred from the Tallus Ridge Reservoir and RVWSA Pressure Zones – 675 and 627 related to a Reservoir Intrusion Alarm Event. Details explained in Operational System Improvements/Events section.
- March 20, 2026 – Lakeview Cove Re-chlorination online analyser calibration adjustment
- March 24, 2026 – Lower Boucherie PS online analyser calibration adjustment for pH of 0.50 increase and FCR of 0.16mg/L increase.
- March 24, 2026 – Upper Boucherie Reservoir online pH analyser calibration adjustment of 0.13 decrease.
    - Inlet: online FCR analyser calibration adjustment of 0.03mg/L decrease.
    - Outlet: online FCR analyser calibration adjustment of 0.01mg/L increase.
- March 25, 2026 – Rosewood PS online analyser calibration adjustment on ORP, pH and FCR.
    - ORP calibration adjustment of 99 mV increase.
    - pH calibration adjustment of 0.40 decrease.
    - FCR calibration adjustment of 1.05 mg/L decrease.
- March 25, 2026 – Menu Re-chlorination hypo stock strength was changed on PLC to 6.5%.
- March 25, 2026 – Blackwood PS outlet online FCR analyser calibration adjustment of 0.19 mg/L increase.
- March 26, 2026 – Menu PS online analyser calibration adjustment on ORP, pH and FCR.
    - ORP calibration adjustment of 119 mV increase.
    - pH calibration adjustment of 0.58 increase.
    - FCR calibration adjustment of 0.07 mg/L increase.
- March 30, 2026 – Menu PS online FCR analyser calibration adjustment of 0.13 mg/L increase.

Operational System Improvements/Events

- March 2, 2026 – Upper Boucherie Reservoir level setpoints were changed to encourage better turn over in the reservoir.
- March 10, 2026 – March 24, 2026 – Flushing in the Shannon Lake neighborhood was completed in zone RV05A. A precautionary water quality advisory was issued for the zone during this time.
    - March 26, 2026 – Flushing activities moved into zone RV05B and a precautionary water quality advisory was issued and is still in place at the end of the month.
- March 16, 2026 – 1046 Aubrey service leak repaired by City staff in conjunction with City contractor. Only one service affected and positive pressure maintained through out repair.
- On March 19, 2026, at 18:02, a reservoir hatch-intrusion alarm was received from the Tallus Ridge Reservoir.
    - An operator was dispatched immediately and arrived on site to find that the hatch lid, lock and fencing had been compromised.
    - An emergency response involving the City, Interior Health Authority and the RCMP was quickly implemented.
    - In the early hours of March 20th, a precautionary "Do Not Consume Order" was issued for a defined area of properties supplied from the Tallus Ridge Reservoir that included Rose Valley Pressure Zones (RVPZ) - 675 and 625 (see Public Service Announcement information below)
    - Water quality sample sets were collected at representative locations for comprehensive analysis All sample results were within Canadian Drinking Water Guidelines and were compared against the routine quarterly sampling conducted in February for background verification. No water quality concerns were identified.
    - A full investigation was conducted by the RCMP identifying three individuals, acting out of curiosity regarding the facility, were responsible for the damage and the alarm activation.
    - On March 23, 2026 a specialized dive team cleaned and inspected the reservoir.
    - On March 24, 2026 the 'Do Not Consume' was rescinded.
    - On March 27th, the Tallus Ridge Reservoir refilled and returned into service.



Date of Issue: Thursday, March 19, 2026

A precautionary Do Not Consume Water Order has been issued for a portion of the Rose Valley Water Service Area in coordination with Interior Health, the RCMP, and the City of West Kelowna.

The order is being implemented out of an abundance of caution following a potential unauthorized access event near the Tallus Ridge and Shannon Woods areas. Residents in the affected zone are asked **not to use tap water for drinking or food preparation** until further updates are provided.

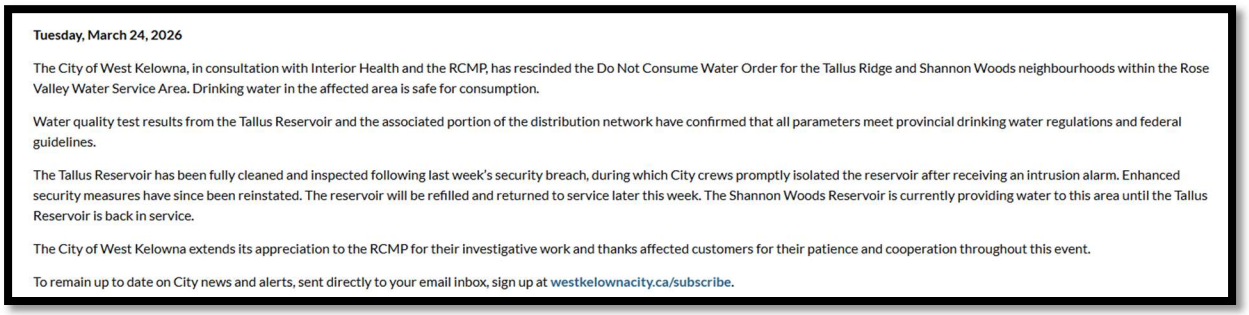
The following areas of Shannon Lake and Tallus Ridge are included in the order, as per the map outlined in red:

Under a Do Not Consume Order, water should not be swallowed. For more information, on what water uses are not recommended and which are acceptable, please read Interior Health's Drinking Water for Everyone website resources at drinkingwaterforeveryone.ca; see Do Not Consume.

The bulk filling station at Shannon Lake and Asquith Roads provides a safe, alternative source of drinking water. Customers can use the touch-free filling station for free during the Do Not Use Water Order. Bring clean bottles for filling. The tap is located on the Asquith Road side of the facility.

The City will inform residents, via its e-news service, as soon as it is able to rescind the Do Not Consume Water Order. To receive up-to-date City news and alerts, directly to your email inbox, sign up at westkelownacity.ca/subscribe.

For more information, visit westkelownacity.ca/waterquality



Tuesday, March 24, 2026

The City of West Kelowna, in consultation with Interior Health and the RCMP, has rescinded the Do Not Consume Water Order for the Tallus Ridge and Shannon Woods neighbourhoods within the Rose Valley Water Service Area. Drinking water in the affected area is safe for consumption.

Water quality test results from the Tallus Reservoir and the associated portion of the distribution network have confirmed that all parameters meet provincial drinking water regulations and federal guidelines.

The Tallus Reservoir has been fully cleaned and inspected following last week's security breach, during which City crews promptly isolated the reservoir after receiving an intrusion alarm. Enhanced security measures have since been reinstated. The reservoir will be refilled and returned to service later this week. The Shannon Woods Reservoir is currently providing water to this area until the Tallus Reservoir is back in service.

The City of West Kelowna extends its appreciation to the RCMP for their investigative work and thanks affected customers for their patience and cooperation throughout this event.

To remain up to date on City news and alerts, sent directly to your email inbox, sign up at westkelownacity.ca/subscribe.

- March 22, 2026 – 1199 Sunnybrae Rd structure fire occurred, and significant fire flow demands were noted.
- March 25, 2026 – Power outage in the Shannon Way Reservoir area, suitcase generator was hooked up to the site to ensure SCADA and essential functions continued.
- March 28-29, 2026 – Power outage in the West Kelowna Estates area and emergency back up power generator was deployed.
- March 30, 2026 – Blackwood PS online analysers were calibrated after power outage.
    - Inlet pH calibration adjustment of 0.12 decrease.
    - Inlet FCR calibration adjustment of 0.43 mg/L decrease.
    - Outlet FCR calibration adjustment of 0.31 mg/L increase.
- March 31, 2026 – Menu PS Re-chlorination hypo system upgrades were completed and commissioned for the Mission Hill, Green Bay and Prichard areas.

WQ Field and SCADA Data

Sampling Location Table:

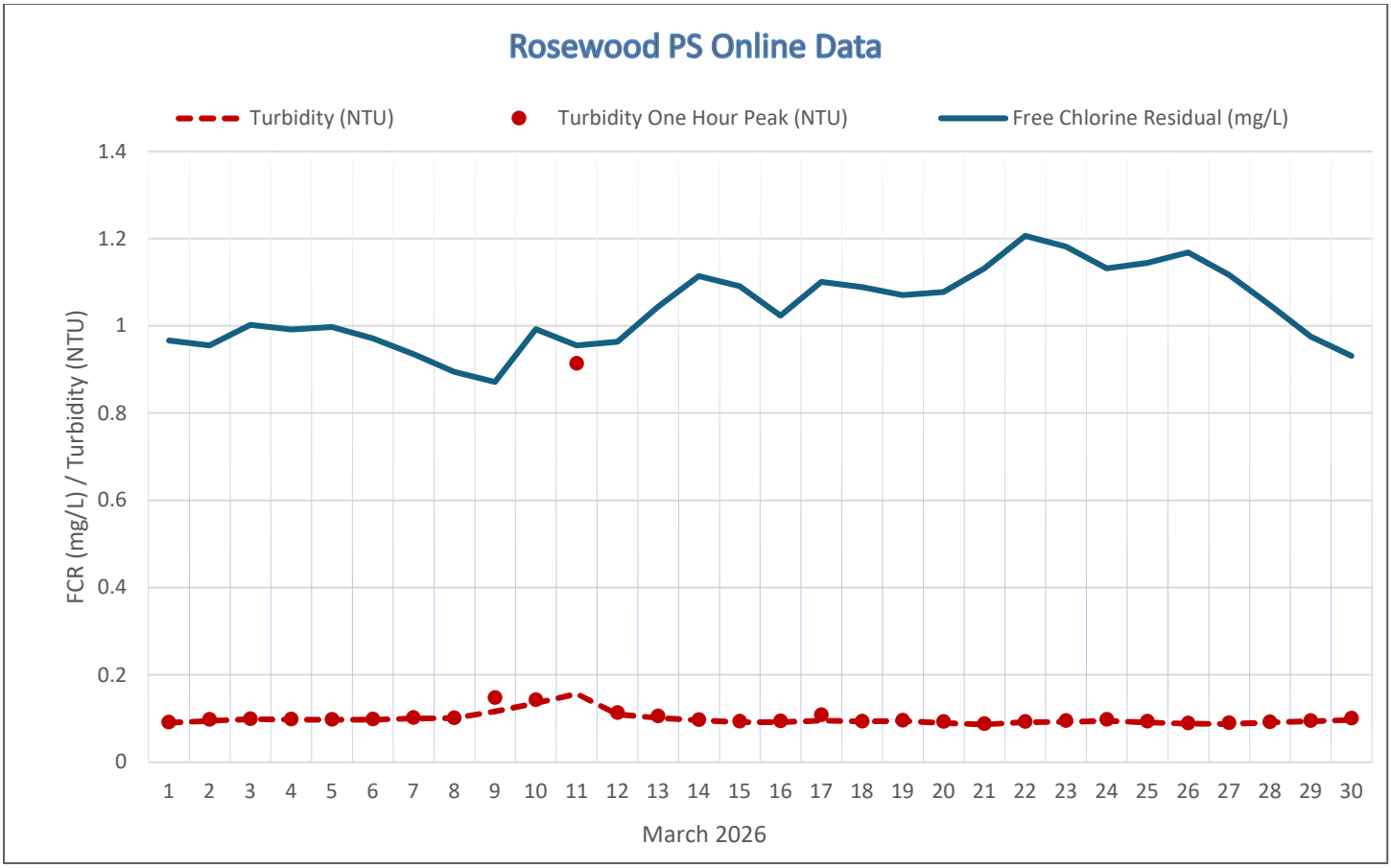
Sample Name	Civic Address	Pressure Zone	WQ Sampling Rationale
Rosewood PS	1463 Rosewood Dr	597	Installed new online water quality analyzer at Rosewood PS and changed grab sample location from **RV Trails** to this new location to coincide and best represent as the "First Customer Sample" entering the RVWSA distribution network.
Menu PS	Adjacent to 1181 Menu Dr	597	Mid system water quality check. Water quality entering the Mission Hill, Sunnyside, Pritchard and Green Bay areas from dedicated main from treatment plant.
Blackwood PS	1551 Blackwood Dr	584	Mid system water quality check. Water quality entering the West Kelowna Estates area.
Thacker SS	3111 Thacker Dr	539	End system water quality check.
Lower Boucherie PS & Res	Entry at end of road near 1359 Cabernet Way	627	Mid system water quality check. Water quality entering the Sunnyside area.
Upper Boucherie Res Outlet	Entry across from 1489 Cabernet Way	627	Mid system water quality check. Water quality entering the Sunnyside area.
Shannon Way SS	2240 Hihannah Dr	597	Mid system water quality check. Water quality for the Shannon Lake area.
Lower Horizon SS	2100 Horizon Dr	507	End system water quality check.
Pritchard SS	1599 Pritchard Dr	409	End system water quality check.
Vineyard View SS	Adjacent to 3284 Vineyard View Dr	588	Mid system water quality check. Location is after re-chlorination at the Upper Boucherie Reservoir. Replaced the **Viognier PRV** sample location.
Lakeview Cove PS	Adjacent to 3052 Lakeview Cove Rd	609	End system water quality check. Water quality distributed throughout Lakeview Heights area.

Note – the locations included in the monthly report are the samples that are tested regularly on a weekly basis but are 9 of 19 total grab sample locations taken throughout the system in the month.

PS = Pump Station
SS= Sample Station
Res=Reservoir

Rosewood PS

Rosewood PS Online Data								
Date	Turbidity	Turbidity (Peak 1 Hr)	FCR			Temp	pH	ORP
	Avg (NTU)	Max Based On 1 Hr Avg	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Avg (ºC)	Avg (pH)	Avg (mV)
Mar 2026								
1	0.09	0.09	0.91	1.08	0.97	5.55	7.85	746
2	0.09	0.10	0.87	1.04	0.95	5.65	7.88	742
3	0.10	0.10	0.94	1.06	1.00	5.72	7.89	745
4	0.10	0.10	0.94	1.05	0.99	5.76	7.90	749
5	0.10	0.10	0.95	1.07	1.00	5.78	7.89	750
6	0.10	0.10	0.93	1.01	0.97	5.84	7.90	743
7	0.10	0.10	0.89	1.01	0.94	6.00	7.90	740
8	0.10	0.10	0.86	0.93	0.89	6.01	7.93	739
9	0.12	0.15	0.82	1.00	0.87	6.06	7.95	739
10	0.14	0.14	0.82	1.10	0.99	5.96	7.96	741
11	0.16	0.91	0.87	1.07	0.96	5.79	7.95	736
12	0.11	0.11	0.86	1.04	0.96	5.84	7.95	732
13	0.10	0.11	0.95	1.11	1.04	5.86	7.95	740
14	0.10	0.10	1.02	1.20	1.11	5.80	7.96	740
15	0.09	0.09	0.98	1.16	1.09	5.78	7.98	729
16	0.09	0.09	0.92	1.14	1.02	5.75	7.98	722
17	0.10	0.11	1.02	1.17	1.10	5.74	7.99	722
18	0.09	0.09	1.03	1.13	1.09	5.82	7.98	727
19	0.09	0.10	1.01	1.16	1.07	5.89	7.97	742
20	0.09	0.09	0.99	1.16	1.08	5.99	7.99	758
21	0.09	0.09	1.03	1.25	1.13	6.17	8.01	760
22	0.09	0.09	1.14	1.28	1.21	6.29	8.01	747
23	0.09	0.10	1.10	1.25	1.18	6.35	8.01	739
24	0.09	0.10	1.07	1.22	1.13	6.54	8.02	732
25	0.09	0.09	0.96	2.13	1.14	6.67	7.99	733
26	0.09	0.09	1.12	1.21	1.17	6.79	7.98	736
27	0.09	0.09	1.07	1.18	1.12	6.84	7.96	722
28	0.09	0.09	1.00	1.09	1.05	6.88	7.97	704
29	0.09	0.10	0.93	1.03	0.98	7.07	7.98	692
30	0.10	0.10	0.87	0.97	0.93	7.05	7.98	692
31	0.10	0.10	0.89	1.00	0.95	7.12	7.99	700
Average	0.10		0.96	1.14	1.04	6.14	7.96	734
Min	0.09		0.82	0.93	0.87	5.55	7.85	692
Max	0.16	0.91	1.14	2.13	1.21	7.12	8.02	760

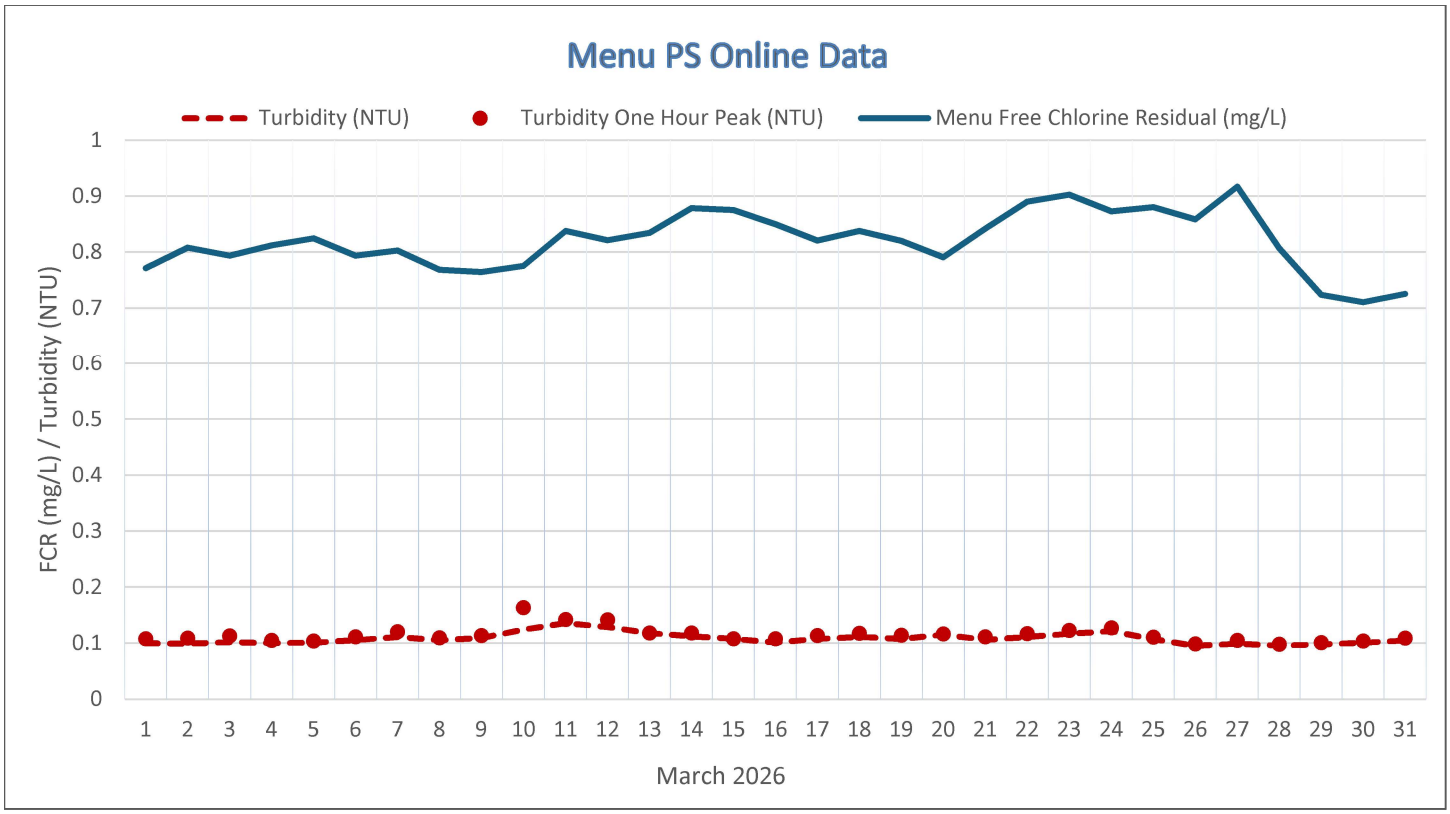


- March 11, 2026 – During online calibration of the FCR analyzer at the Rosewood Pump Station, the reported FCR value decreased by 0.10 mg/L. Flushing of the shared sample line with the turbidimeter caused a temporary NTU spike, which was not representative of system water quality at the time.

Rosewood PS Water Quality						
Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
03-Mar-26	0.08	0.09	5.7	0.83	0.99	7.70
10-Mar-26	0.18	0.13	5.9	0.95	0.94	7.55
17-Mar-26	0.22	0.29	5.7	0.91	1.08	7.67
24-Mar-26	0.09	0.10	6.1	0.98	1.10	7.9
30-Mar-26	0.13	0.10	8.5	0.76	0.90	7.81
# of Samples	5	5	5	5	5	5
Average	0.14	0.14	6.4	0.89	1	7.73
Minimum	0.08	0.09	5.7	0.76	0.90	7.55
Maximum	0.22	0.29	8.5	0.98	1.10	7.90

Menu PS

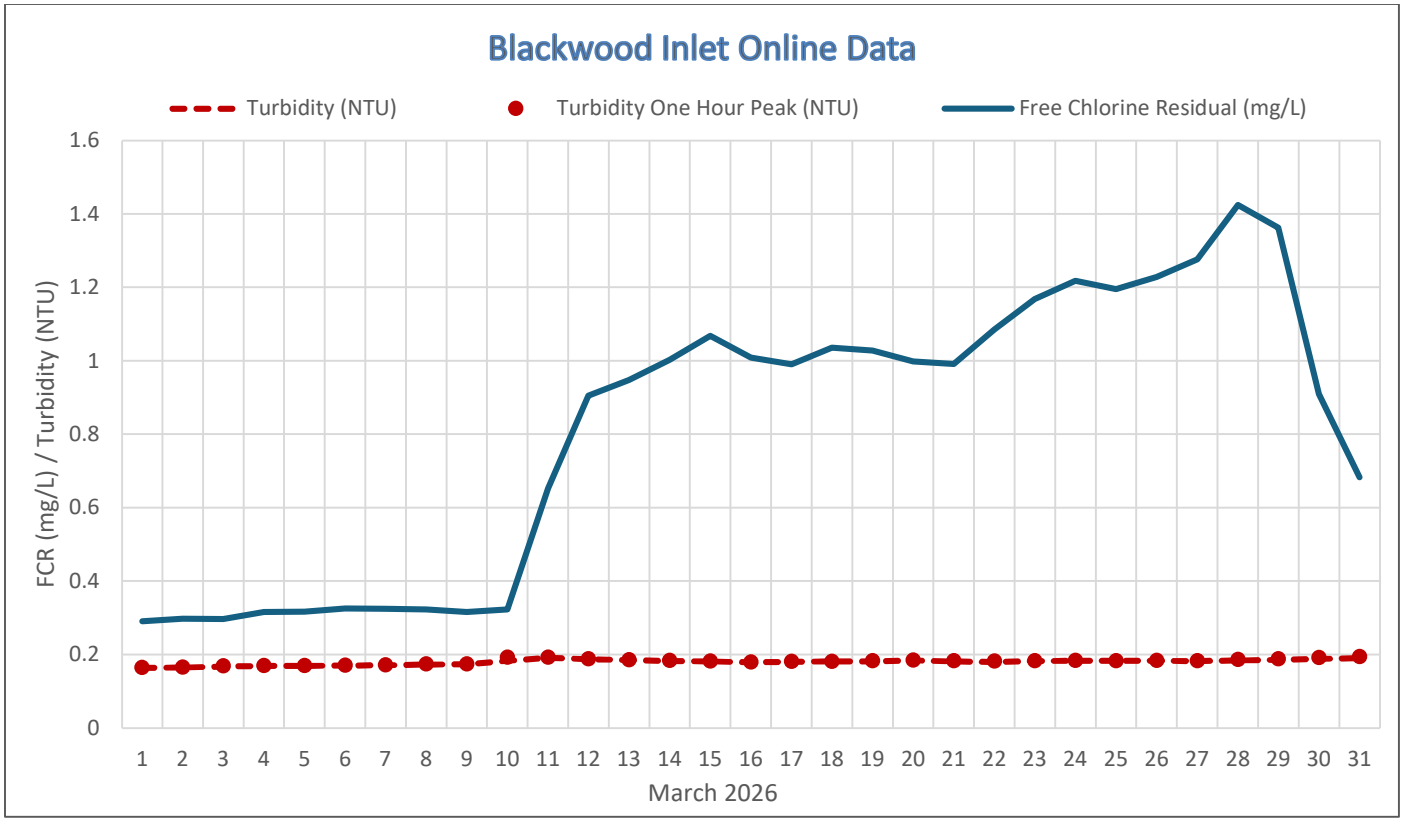
Menu PS Online Data									
Date	Combined Flow Total From RV	Menu Turbidity	Menu Turbidity (Peak 1 Hr)	Menu Water Temp	Menu pH	Menu ORP	FCR		
	(m3)	Avg (NTU)	Max Based On 1 Hr Avg	Avg (ºC)	Avg (pH)	Avg (mV)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
Mar 2026									
1	1215	0.10	0.11	5.33	7.63	746	0.73	0.83	0.77
2	1232	0.10	0.11	5.34	7.65	749	0.77	0.83	0.81
3	921	0.10	0.11	5.41	7.68	741	0.77	0.83	0.79
4	922	0.10	0.11	5.48	7.68	748	0.78	0.85	0.81
5	1297	0.10	0.10	5.49	7.69	752	0.80	0.86	0.82
6	909	0.11	0.11	5.56	7.68	751	0.76	0.84	0.79
7	1306	0.11	0.12	5.60	7.69	744	0.77	0.83	0.80
8	1064	0.11	0.11	5.63	7.69	742	0.74	0.82	0.77
9	1340	0.11	0.11	5.61	7.73	741	0.74	0.79	0.76
10	1191	0.12	0.16	5.73	7.74	742	0.74	0.86	0.78
11	1557	0.14	0.14	5.77	7.74	746	0.80	0.87	0.84
12	1416	0.13	0.14	5.78	7.73	747	0.79	0.86	0.82
13	1161	0.12	0.12	5.86	7.72	750	0.80	0.87	0.83
14	1490	0.11	0.12	5.82	7.71	756	0.83	0.93	0.88
15	1185	0.11	0.11	5.83	7.70	754	0.84	0.91	0.88
16	1563	0.10	0.11	5.75	7.71	745	0.81	0.88	0.85
17	927	0.11	0.11	5.88	7.72	741	0.79	0.87	0.82
18	1297	0.11	0.12	5.95	7.72	744	0.81	0.89	0.84
19	934	0.11	0.11	5.94	7.71	750	0.79	0.86	0.82
20	1312	0.12	0.12	6.01	7.70	763	0.74	0.83	0.79
21	1352	0.11	0.11	6.01	7.73	771	0.78	0.93	0.84
22	1400	0.11	0.12	6.15	7.74	767	0.84	0.95	0.89
23	1314	0.12	0.12	6.25	7.74	759	0.88	0.94	0.90
24	1416	0.12	0.13	6.36	7.74	755	0.83	0.95	0.87
25	1209	0.11	0.11	6.45	7.76	747	0.83	0.93	0.88
26	1398	0.10	0.10	6.42	7.68	782	0.74	0.91	0.86
27	1560	0.10	0.11	6.43	7.52	828	0.88	0.97	0.92
28	1063	0.10	0.10	6.56	7.52	807	0.73	0.90	0.81
29	1394	0.10	0.10	6.61	7.54	785	0.67	0.78	0.72
30	1573	0.10	0.10	6.63	7.55	765	0.63	0.80	0.71
31	1382	0.10	0.11	6.62	7.55	759	0.66	0.79	0.73
Total	38083								
Average	1268	0.11		5.94	7.68	757	0.78	0.87	0.82
Min	909	0.10		5.33	7.52	741	0.63	0.78	0.71
Max	1573	0.14	0.16	6.63	7.76	828	0.88	0.97	0.92



Menu PS Water Quality						
Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
03-Mar-26	0.15	0.10	7.0	0.75	0.79	7.76
10-Mar-26	0.09	0.11	5.7	0.71	0.77	7.78
17-Mar-26	0.16	0.10	9.2	0.82	0.81	7.73
24-Mar-26	0.13	0.11	9.3	0.80	0.86	7.92
30-Mar-26	0.18	0.09	11.2	0.71	0.63	7.84
# of Samples	5	5	5	5	5	5
Average	0.14	0.1	8.5	0.76	0.77	7.81
Minimum	0.09	0.09	5.7	0.71	0.63	7.73
Maximum	0.18	0.11	11.2	0.82	0.86	7.92

Blackwood PS

Blackwood PS Inlet Online Data									
Date	Turbidity	Turbidity (Peak 1 Hr)	FCR			Temp	pH	Conductivity	ORP
	Avg (NTU)	Max Based On 1 Hr Avg	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Avg (ºC)	Avg (pH)	Avg (µs/cm)	Avg (mV)
Mar 2026									
1	0.16	0.16	0.26	0.30	0.29	6.30	7.91	219.88	725.74
2	0.16	0.17	0.27	0.32	0.30	6.29	7.91	219.75	727.56
3	0.17	0.17	0.27	0.32	0.30	6.42	7.94	219.71	714.54
4	0.17	0.17	0.28	0.34	0.32	6.53	7.95	219.81	725.87
5	0.17	0.17	0.29	0.35	0.32	6.41	7.96	219.84	729.66
6	0.17	0.17	0.29	0.36	0.33	6.57	7.96	219.71	725.67
7	0.17	0.17	0.29	0.35	0.32	6.60	7.97	219.71	711.74
8	0.17	0.17	0.29	0.35	0.32	6.53	7.97	219.82	708.94
9	0.17	0.17	0.28	0.33	0.32	6.67	8.00	219.47	711.25
10	0.18	0.19	0.28	0.35	0.32	6.76	8.01	219.49	712.87
11	0.19	0.19	0.30	1.82	0.65	6.86	7.93	219.83	715.27
12	0.19	0.19	0.81	0.96	0.91	7.01	7.89	219.77	718.16
13	0.18	0.19	0.84	1.01	0.95	6.95	7.89	220.46	720.35
14	0.18	0.18	0.86	1.10	1.00	6.71	7.89	221.01	728.91
15	0.18	0.18	0.96	1.15	1.07	6.99	7.88	220.93	717.52
16	0.18	0.18	0.88	1.10	1.01	6.96	7.88	220.76	705.63
17	0.18	0.18	0.88	1.05	0.99	6.67	7.89	221.20	696.88
18	0.18	0.18	0.92	1.11	1.04	6.81	7.89	221.22	698.64
19	0.18	0.18	0.92	1.11	1.03	6.95	7.89	220.62	707.88
20	0.18	0.19	0.90	1.10	1.00	6.68	7.88	221.08	736.79
21	0.18	0.18	0.87	1.10	0.99	7.01	7.89	220.72	758.39
22	0.18	0.18	0.96	1.17	1.09	7.13	7.91	220.72	747.81
23	0.18	0.18	1.02	1.31	1.17	7.03	7.91	220.96	726.13
24	0.18	0.18	1.08	1.31	1.22	7.44	7.91	220.82	716.15
25	0.18	0.18	1.05	1.34	1.19	7.50	7.93	220.74	703.98
26	0.18	0.18	1.05	1.41	1.23	7.47	7.92	220.90	705.09
27	0.18	0.18	1.14	1.37	1.28	7.41	7.88	220.73	722.54
28	0.18	0.19	0.00	3.01	1.42	7.48	7.87	220.65	708.15
29	0.19	0.19	1.19	1.50	1.36	7.37	7.81	221.04	695.93
30	0.19	0.19	0.53	1.37	0.91	7.73	7.88	220.63	687.09
31	0.19	0.19	0.61	0.76	0.68	7.69	7.94	220.77	692.59
Average	0.18		0.66	0.99	0.82	6.93	7.91	220.41	716.25
Min	0.16		0.00	0.30	0.29	6.29	7.81	219.47	687.09
Max	0.19	0.19	1.19	3.01	1.42	7.73	8.01	221.22	758.39

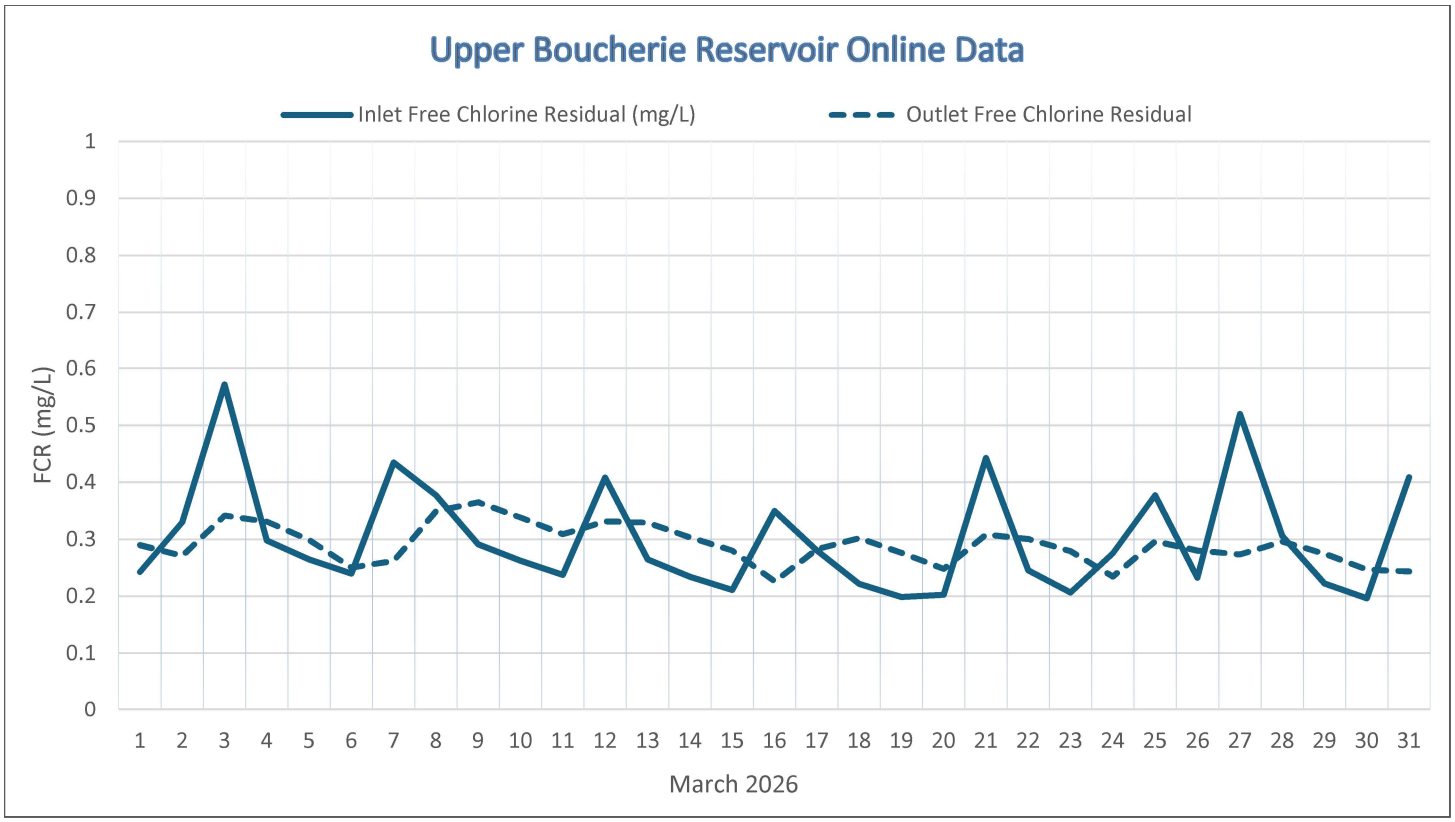


- March 11, 2026 – Blackwood PS online analysers calibration adjustments made as follows:
  - Inlet: FCR 0.53mg/L increase, pH 0.34 decrease
  - Outlet: FCR 0.15mg/L increase
- March 25, 2026 – Blackwood PS outlet online FCR analyser calibration adjustment of 0.19 mg/L increase.
- March 30, 2026 – Blackwood PS online analysers were calibrated after power outage.
  - Inlet pH calibration adjustment of 0.12 decrease.
  - Inlet FCR calibration adjustment of 0.43 mg/L decrease.
  - Outlet FCR calibration adjustment of 0.31 mg/L increase

Blackwood PS Water Quality						
Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
03-Mar-26	0.18	0.09	5.72	0.56	0.5	7.76
10-Mar-26	0.17	0.1	5.6	0.65	0.5	7.5
17-Mar-26	0.19	0.11	8.1	0.68	0.86	7.71
24-Mar-26	0.12	0.1	7	0.9	0.82	7.98
30-Mar-26	0.15	0.07	8.9	0.62	0.4	8.04
# of Samples	5	5	5	5	5	5
Average	0.16	0.09	7.06	0.68	0.62	7.8
Minimum	0.12	0.07	5.6	0.56	0.4	7.5
Maximum	0.19	0.11	8.9	0.9	0.86	8.04

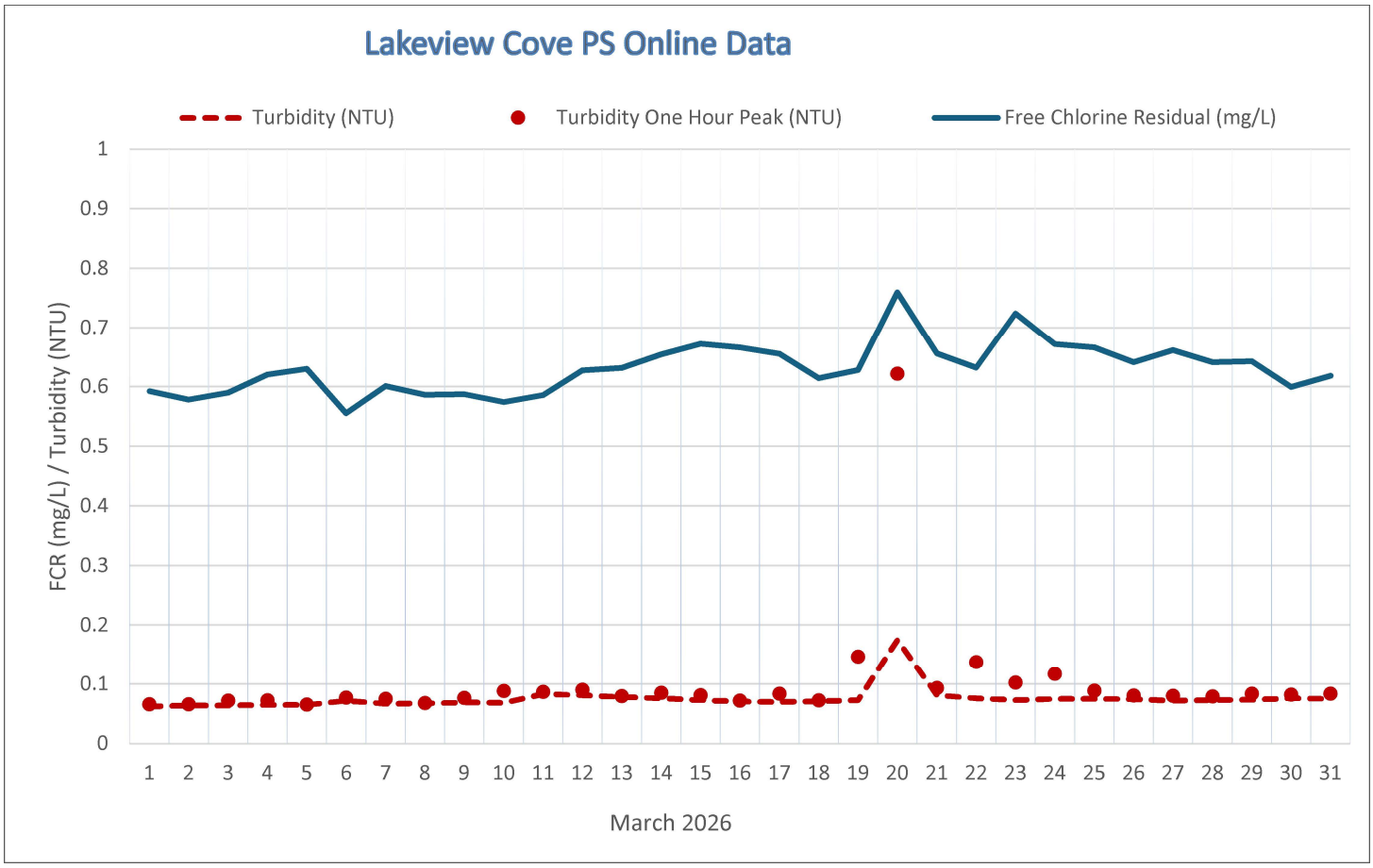
Upper Boucherie Outlet

Upper Boucherie Reservoir Online Data									
Date	Temp	pH	ORP	Inlet FCR			Outlet FCR		
	Avg (ºC)	Avg (pH)	Avg (mV)	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
Mar 2026									
1	7.46	7.98	0.00	0.23	0.26	0.24	0.27	0.31	0.29
2	7.33	7.98	0.00	0.21	1.04	0.33	0.24	0.35	0.27
3	7.16	7.98	0.00	0.32	1.04	0.57	0.33	0.36	0.34
4	7.36	7.99	0.00	0.27	0.33	0.30	0.31	0.35	0.33
5	7.43	7.97	0.00	0.24	0.28	0.26	0.26	0.33	0.30
6	7.69	7.90	0.00	0.22	0.26	0.24	0.23	0.27	0.25
7	7.44	7.89	0.00	0.21	1.05	0.44	0.22	0.33	0.26
8	7.70	7.97	0.00	0.30	0.53	0.38	0.32	0.37	0.35
9	7.39	8.01	0.00	0.27	0.32	0.29	0.34	8.03	0.37
10	7.47	8.02	0.00	0.24	0.28	0.26	0.31	0.37	0.34
11	7.52	8.02	0.00	0.22	0.25	0.24	0.28	0.34	0.31
12	6.89	8.01	0.00	0.22	0.85	0.41	0.27	0.36	0.33
13	7.17	8.03	0.00	0.24	0.30	0.26	0.31	0.35	0.33
14	7.49	8.04	0.00	0.22	0.25	0.23	0.28	0.33	0.30
15	7.61	8.04	0.00	0.19	0.23	0.21	0.26	0.30	0.28
16	6.94	7.88	0.00	0.18	0.79	0.35	0.17	0.28	0.23
17	7.42	7.98	0.00	0.23	0.36	0.28	0.21	0.34	0.28
18	7.94	8.08	0.00	0.20	0.24	0.22	0.28	0.33	0.30
19	8.22	8.09	0.00	0.18	0.21	0.20	0.25	0.30	0.28
20	8.20	8.08	0.00	0.16	0.80	0.20	0.22	0.28	0.25
21	8.05	8.06	0.00	0.27	0.67	0.44	0.22	0.33	0.31
22	8.47	8.07	0.00	0.21	0.44	0.25	0.26	0.33	0.30
23	8.51	8.08	0.00	0.19	0.23	0.21	0.25	0.31	0.28
24	8.32	7.99	0.00	0.17	0.92	0.28	0.18	0.29	0.24
25	8.09	7.92	0.00	0.25	0.64	0.38	0.28	0.31	0.30
26	8.30	7.93	0.00	0.21	0.26	0.23	0.26	0.30	0.28
27	8.19	7.91	0.00	0.20	1.30	0.52	0.24	0.31	0.27
28	8.56	7.94	0.00	0.23	0.49	0.31	0.28	0.31	0.30
29	8.62	7.95	0.00	0.20	0.25	0.22	0.26	0.30	0.27
30	8.57	7.95	0.00	0.18	0.21	0.20	0.23	0.28	0.25
31	8.38	7.92	0.00	0.17	0.81	0.41	0.19	0.30	0.24
Average	7.80	7.99	0.00	0.22	0.51	0.30	0.26	0.57	0.29
Min	6.89	7.88	0.00	0.16	0.21	0.20	0.17	0.27	0.23
Max	8.62	8.09	0.00	0.32	1.30	0.57	0.34	8.03	0.37


Upper Boucherie Reservoir Online Data
Inlet Free Chlorine Residual (mg/L)
Outlet Free Chlorine Residual
FCR (mg/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
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
March 2026

Lakeview Cove PS

Lakeview Cove PS Online Data						
Date	Turbidity	Turbidity (Peak 1 Hr)	FCR			Temp
	Avg (NTU)	Max Based On 1 Hr Avg	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Avg (ºC)
Mar 2026						
1	0.06	0.07	0.52	0.69	0.59	7.48
2	0.06	0.07	0.50	0.63	0.58	7.54
3	0.06	0.07	0.53	0.72	0.59	7.51
4	0.07	0.07	0.54	0.68	0.62	7.56
5	0.06	0.07	0.59	0.68	0.63	7.71
6	0.07	0.08	0.38	0.68	0.56	7.61
7	0.07	0.08	0.55	0.70	0.60	7.76
8	0.07	0.07	0.53	0.64	0.59	7.79
9	0.07	0.08	0.54	0.64	0.59	7.58
10	0.07	0.09	0.53	0.68	0.57	7.68
11	0.08	0.09	0.50	0.69	0.59	7.68
12	0.08	0.09	0.59	0.69	0.63	7.66
13	0.08	0.08	0.57	0.67	0.63	7.80
14	0.08	0.09	0.61	0.75	0.65	7.70
15	0.07	0.08	0.60	0.78	0.67	7.70
16	0.07	0.07	0.62	0.71	0.67	7.78
17	0.07	0.08	0.58	0.69	0.66	7.77
18	0.07	0.07	0.52	0.67	0.61	8.14
19	0.07	0.15	0.57	0.71	0.63	7.98
20	0.18	0.62	0.59	0.89	0.76	8.14
21	0.08	0.09	0.60	0.74	0.66	8.08
22	0.08	0.14	0.54	0.79	0.63	8.02
23	0.07	0.10	0.62	0.78	0.72	8.06
24	0.08	0.12	0.58	0.74	0.67	8.16
25	0.08	0.09	0.58	0.73	0.67	8.22
26	0.07	0.08	0.58	0.72	0.64	8.29
27	0.07	0.08	0.59	0.80	0.66	8.43
28	0.07	0.08	0.55	0.70	0.64	8.41
29	0.07	0.08	0.59	0.70	0.64	8.38
30	0.08	0.08	0.55	0.69	0.60	8.38
31	0.08	0.08	0.55	0.65	0.62	8.40
Average	0.08		0.56	0.71	0.63	7.92
Min	0.06		0.38	0.63	0.56	7.48
Max	0.18	0.62	0.62	0.89	0.76	8.43



March 20, 2026 – The Lakeview Cove Pump Station online turbidity analyzer recorded a temporary increase to 0.62 NTU, which coincided with a pump start event. The measured turbidity remained below the Maximum Allowable Concentration (MAC) of 1.0 NTU. The transient elevation was attributed to the release of entrained air within the system and did not represent a deterioration of water quality.

WQ Field Data

Thacker SS

Thacker SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
03-Mar-26	0.19	7.2	0.54	7.64
10-Mar-26	0.09	7.8	0.47	7.67
17-Mar-26	0.16	8.2	0.63	7.69
24-Mar-26	0.11	8.0	0.57	7.96
30-Mar-26	0.16	8.1	0.54	7.78
# of Samples	5	4	5	5
Average	1.73	7.8	0.55	7.75
Minimum	0.09	7.2	0.47	7.64
Maximum	8.10	8.2	0.63	7.96

Shannon Way SS

Shannon Way SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
03-Mar-26	0.11	7.5	0.51	7.38
10-Mar-26	0.58	6.2	0.71	7.93
17-Mar-26	0.23	8.0	0.60	7.59
24-Mar-26	0.13	7.3	0.61	8.05
30-Mar-26	0.11	9.3	0.58	7.98
# of Samples	5	5	5	5
Average	0.23	7.7	0.6	7.79
Minimum	0.11	6.2	0.51	7.38
Maximum	0.58	9.3	0.71	8.05

Lower Horizon SS

Lower Horizon SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
03-Mar-26	0.07	6.6	0.51	7.76
10-Mar-26	0.09	6.8	0.58	7.68
17-Mar-26	0.10	7.7	0.64	7.70
24-Mar-26	0.15	7.4	0.63	7.95
30-Mar-26	0.11	8	0.60	7.83
# of Samples	5	5	5	5
Average	0.10	7.3	0.59	7.78
Minimum	0.07	6.6	0.51	7.68
Maximum	0.15	8.0	0.64	7.95

Pritchard SS

Pritchard SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
03-Mar-26	0.14	8.4	0.24	7.76
10-Mar-26	0.11	8.7	0.21	7.80
17-Mar-26	0.22	9.9	0.24	7.95
24-Mar-26	0.09	9.5	0.30	8.06
30-Mar-26	0.10	10.1	0.30	8
# of Samples	5	5	5	5
Average	0.13	9.3	0.26	7.91
Minimum	0.09	8.4	0.21	7.76
Maximum	0.22	10.1	0.30	8.06

Vineyard View SS

Vineyard View SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
03-Mar-26	0.12	7.1	0.29	7.65
10-Mar-26	0.13	7.8	0.26	7.69
17-Mar-26	0.16	9.2	0.27	7.75
24-Mar-26	0.13	8.3	0.44	7.92
30-Mar-26	0.15	9.5	0.41	7.84
# of Samples	5	5	5	5
Average	0.14	8.4	0.33	7.77
Minimum	0.12	7.1	0.26	7.65
Maximum	0.16	9.5	0.44	7.92