

**CITY OF WEST KELOWNA**

# Monthly Water Quality Report



Rose Valley Water Service Area

April 2026

# **WATER SUPPLY AND TREATMENT**



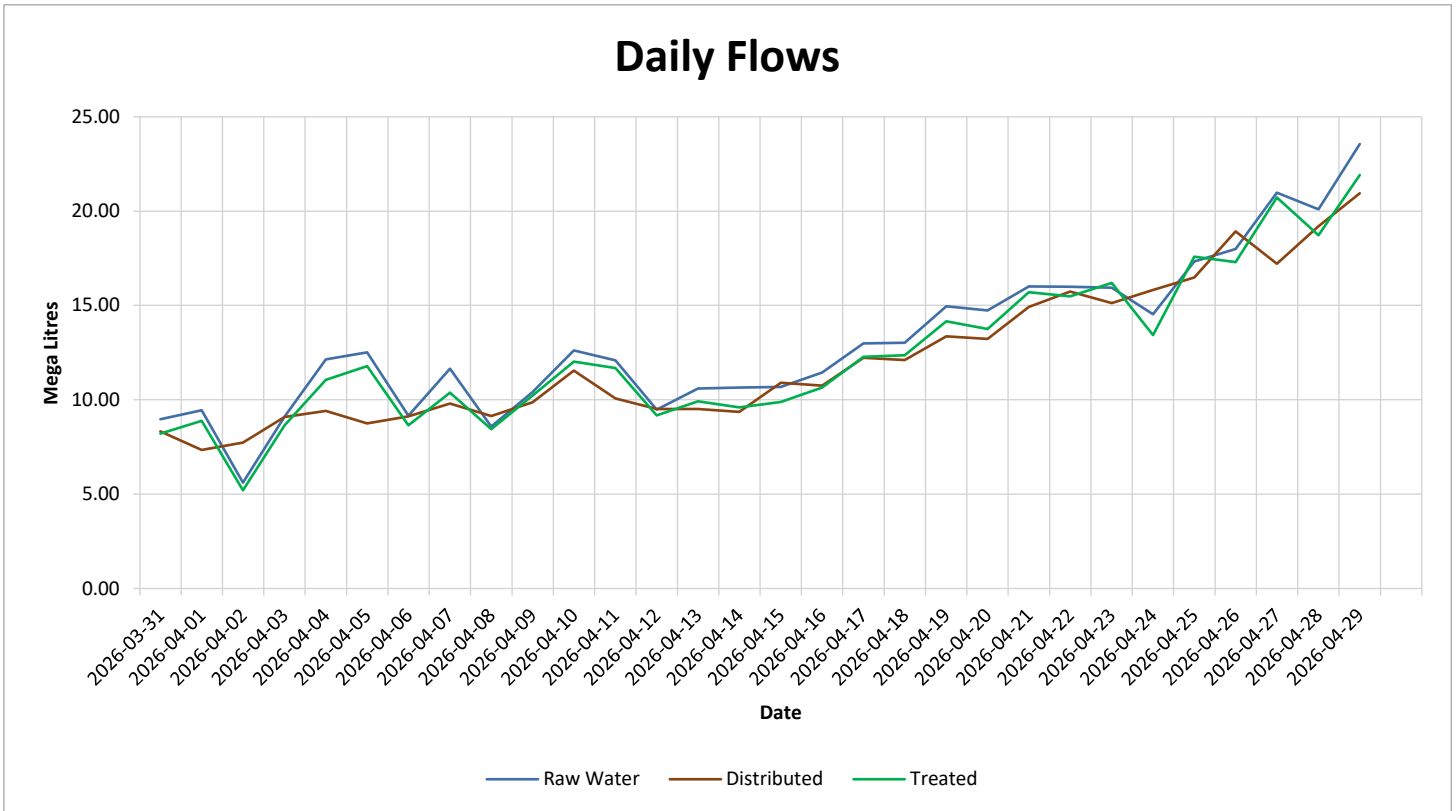
# Rose Valley Water Treatment Plant Monthly Water Quality Summary

2026-05-04

**April, 2026**

## Flow Demand:

	Total for Month
Raw Processed Water:	393.30 ML
Treated Water :	374.06 ML
Distributed Water :	365.56 ML
Backwash Water :	21.22436 ML



## Notes:

**Raw Water Specifications:**

Date	Raw Turbidity (NTU)			Raw pH		
	Min	Max	Average	Min	Max	Average
2026-04-01	0.55	0.83	0.65	7.86	7.98	7.91
2026-04-02	0.01	1098.34	0.53	7.32	7.98	7.82
2026-04-03	0.51	0.75	0.64	7.75	7.86	7.80
2026-04-04	0.58	0.82	0.66	7.74	7.93	7.83
2026-04-05	0.61	1.24	0.70	7.81	8.04	7.91
2026-04-06	0.57	0.76	0.67	7.83	7.88	7.85
2026-04-07	0.45	1.25	0.62	7.34	7.91	7.80
2026-04-08	0.01	3942.09	1.18	7.31	7.87	7.72
2026-04-09	0.01	2139.88	1.29	7.44	8.11	7.72
2026-04-10	0.00	3972.12	1.54	7.67	8.86	7.73
2026-04-11	0.41	0.83	0.55	7.62	7.82	7.72
2026-04-12	0.34	2.92	0.46	7.62	7.82	7.70
2026-04-13	0.42	0.91	0.57	7.48	7.75	7.65
2026-04-14	0.37	63.47	0.64	7.50	7.74	7.61
2026-04-15	0.18	0.94	0.40	7.58	7.72	7.65
2026-04-16	0.25	19.30	0.54	7.59	7.71	7.67
2026-04-17	0.34	24.52	0.50	7.58	7.70	7.65
2026-04-18	0.37	39.75	0.47	7.55	7.65	7.61
2026-04-19	0.44	8.72	0.73	7.55	7.67	7.62
2026-04-20	0.37	1.18	0.59	7.56	7.71	7.61
2026-04-21	0.49	0.84	0.65	7.54	7.67	7.60
2026-04-22	0.45	1.32	0.59	7.59	7.81	7.68
2026-04-23	0.38	38.80	0.56	7.54	7.94	7.77
2026-04-24	0.24	5.44	0.48	7.59	7.75	7.66
2026-04-25	0.17	0.59	0.28	7.48	7.78	7.64
2026-04-26	0.15	0.40	0.21	7.43	7.82	7.62
2026-04-27	0.14	9.28	0.56	7.42	7.81	7.63
2026-04-28	0.30	1.22	0.44	7.57	7.76	7.62
2026-04-29	0.00	0.80	0.54	7.55	7.64	7.59
2026-04-30	0.00	9.13	0.51	7.56	7.64	7.59

**Notes:**

**Raw Water Specifications (Continued):**

Date	Raw Temp (°C)			Raw DOC (mg/L)		
	Min	Max	Average	Min	Max	Average
2026-04-01	6.01	6.25	6.10	12.89	15.73	13.66
2026-04-02	6.02	14.56	8.02	13.38	27.01	19.54
2026-04-03	6.09	6.36	6.16	20.51	25.98	21.99
2026-04-04	6.16	6.95	6.47	20.32	25.49	21.73
2026-04-05	6.90	7.94	7.43	19.98	22.81	21.53
2026-04-06	7.30	8.13	7.62	20.71	25.59	21.74
2026-04-07	7.30	14.46	10.00	0.00	116.34	9.90
2026-04-08	7.32	14.95	11.48	0.00	0.00	0.00
2026-04-09	7.05	14.74	8.58	0.00	0.00	0.00
2026-04-10	6.94	10.27	7.38	0.00	0.00	0.00
2026-04-11	7.30	9.03	7.76	0.00	0.00	0.00
2026-04-12	7.33	7.95	7.58	0.00	0.00	0.00
2026-04-13	7.08	8.05	7.52	0.00	0.00	0.00
2026-04-14	7.16	8.24	7.60	0.00	0.00	0.00
2026-04-15	7.11	8.58	7.86	0.00	0.00	0.00
2026-04-16	7.40	8.62	8.18	0.00	0.00	0.00
2026-04-17	7.30	8.11	7.80	0.00	0.00	0.00
2026-04-18	7.32	7.98	7.73	0.00	0.00	0.00
2026-04-19	7.54	8.58	8.18	0.00	0.00	0.00
2026-04-20	7.80	9.25	8.35	0.00	0.00	0.00
2026-04-21	7.82	8.72	8.17	0.00	0.00	0.00
2026-04-22	8.03	15.59	9.08	0.00	0.00	0.00
2026-04-23	8.35	14.74	10.71	0.00	0.00	0.00
2026-04-24	8.48	14.92	10.37	0.00	0.00	0.00
2026-04-25	8.43	9.22	8.82	0.00	0.00	0.00
2026-04-26	8.70	11.08	8.98	0.00	0.00	0.00
2026-04-27	8.57	10.39	9.28	0.00	0.00	0.00
2026-04-28	8.17	10.17	8.98	0.00	116.24	8.78
2026-04-29	8.24	9.05	8.70	14.75	18.56	15.63
2026-04-30	8.42	10.84	8.72	13.63	18.75	15.30

**Notes:**

April 08th - DOC analyzer board malfunction, Replacement installed on April 28th,

## Raw Water Specifications (Continued):

Date	Raw Cond R ( $\mu\text{S}/\text{cm}$ )			Streaming Current		
	Min	Max	Average	Min	Max	Average
2026-04-01	193.10	196.71	195.01	-50.67	42.61	21.63
2026-04-02	119.46	200.67	154.28	-182.54	167.89	-21.30
2026-04-03	130.66	174.48	150.46	23.81	50.92	34.67
2026-04-04	173.43	192.60	185.74	27.47	54.09	43.26
2026-04-05	190.07	199.42	195.71	16.48	43.10	29.16
2026-04-06	197.36	201.94	199.89	-264.59	96.09	-12.58
2026-04-07	188.85	204.08	197.87	-94.63	50.92	15.30
2026-04-08	127.06	202.34	163.38	-162.76	148.35	-6.06
2026-04-09	128.83	167.64	148.38	-172.53	144.93	9.93
2026-04-10	138.47	186.55	169.52	-236.75	233.82	8.87
2026-04-11	184.51	193.77	189.47	-6.96	27.96	9.45
2026-04-12	191.82	200.10	195.03	-12.82	18.93	3.36
2026-04-13	198.36	205.42	201.54	-248.72	218.44	9.96
2026-04-14	193.65	205.73	202.02	-6.96	35.78	17.82
2026-04-15	190.41	205.73	202.55	-16.97	34.80	14.44
2026-04-16	179.28	204.54	200.60	-18.19	13.80	-1.18
2026-04-17	201.47	204.82	203.10	-97.80	14.77	1.68
2026-04-18	201.31	204.64	202.77	-10.38	16.73	4.74
2026-04-19	197.42	204.15	200.57	-10.38	26.98	9.37
2026-04-20	196.92	201.39	199.39	-40.66	21.61	8.38
2026-04-21	196.01	201.42	198.75	-9.16	25.76	7.79
2026-04-22	149.60	201.51	196.52	-78.02	21.61	0.42
2026-04-23	191.58	198.94	194.70	-56.04	16.00	-21.65
2026-04-24	192.87	198.27	195.97	-41.15	70.21	-6.19
2026-04-25	193.57	198.40	195.80	-23.57	13.06	-6.72
2026-04-26	193.99	197.63	195.83	-14.53	16.00	-0.83
2026-04-27	192.84	196.83	195.14	-14.53	17.95	1.30
2026-04-28	192.57	198.21	195.60	-23.81	51.65	12.48
2026-04-29	191.68	198.01	194.65	-3.05	42.61	18.84
2026-04-30	192.02	196.41	194.10	-38.22	53.85	7.70

Notes:

**Raw Water Specifications (Continued):**

Date	Coagulated pH			Coagulated Temp (°C)		
	Min	Max	Average	Min	Max	Average
2026-04-01	7.63	7.79	7.72	5.97	8.96	6.77
2026-04-02	7.61	7.72	7.67	6.23	9.30	7.29
2026-04-03	7.59	7.64	7.61	6.66	6.96	6.76
2026-04-04	7.51	7.59	7.56	6.93	9.31	8.02
2026-04-05	7.45	7.51	7.47	9.21	9.41	9.29
2026-04-06	7.42	7.45	7.43	9.30	9.51	9.38
2026-04-07	7.35	7.42	7.39	9.33	9.48	9.37
2026-04-08	7.32	7.68	7.46	6.78	9.57	8.48
2026-04-09	7.29	7.69	7.59	6.66	9.55	7.24
2026-04-10	7.25	8.19	7.64	6.46	8.89	6.75
2026-04-11	7.65	7.68	7.66	6.54	7.17	6.69
2026-04-12	7.64	7.68	7.65	6.64	7.39	6.87
2026-04-13	7.36	7.77	7.63	6.32	8.86	6.76
2026-04-14	7.58	7.63	7.61	6.32	7.59	6.83
2026-04-15	7.51	7.63	7.60	6.71	8.69	7.38
2026-04-16	7.53	7.62	7.59	7.35	9.32	8.09
2026-04-17	7.51	7.60	7.56	7.18	8.41	7.68
2026-04-18	7.49	7.59	7.56	7.12	9.37	7.75
2026-04-19	7.47	7.59	7.54	7.16	9.64	8.27
2026-04-20	7.52	7.62	7.59	7.63	8.80	7.99
2026-04-21	7.57	7.63	7.60	7.64	8.41	8.09
2026-04-22	7.43	7.65	7.57	7.39	9.61	8.25
2026-04-23	7.56	7.65	7.61	7.32	10.31	9.17
2026-04-24	7.39	7.63	7.60	8.13	8.94	8.39
2026-04-25	7.58	7.65	7.62	8.03	8.53	8.26
2026-04-26	7.59	7.63	7.61	8.02	8.58	8.20
2026-04-27	7.52	7.65	7.63	8.10	8.54	8.31
2026-04-28	7.52	7.65	7.60	8.15	10.48	8.70
2026-04-29	7.56	7.62	7.59	8.44	9.58	8.71
2026-04-30	7.51	7.62	7.55	8.27	10.52	9.53

Notes:

**Raw Water Specifications (Continued):**

Date	Raw Cond Y ( $\mu\text{S}/\text{cm}$ )			Raw Water DO (mg/L)		
	Min	Max	Average	Min	Max	Average
2026-04-01	123.29	125.23	124.46	12.07	12.57	12.34
2026-04-02	123.63	155.63	129.71	9.77	12.38	12.01
2026-04-03	124.19	124.84	124.61	11.74	12.21	11.95
2026-04-04	124.68	126.61	125.19	11.71	12.25	12.01
2026-04-05	126.17	129.40	127.38	11.97	12.40	12.16
2026-04-06	126.01	127.02	126.70	11.84	12.05	11.93
2026-04-07	24.37	135.04	128.92	11.15	12.05	11.78
2026-04-08	127.43	157.81	133.47	9.07	11.82	11.51
2026-04-09	3.54	160.41	129.37	9.83	11.71	11.21
2026-04-10	75.61	132.07	128.76	10.37	11.11	10.98
2026-04-11	127.95	130.11	128.78	10.70	10.95	10.81
2026-04-12	128.63	131.65	129.73	10.58	10.95	10.73
2026-04-13	127.23	129.90	128.67	9.90	10.90	10.50
2026-04-14	127.59	133.61	129.69	10.04	10.60	10.33
2026-04-15	35.68	136.71	131.58	10.19	10.67	10.38
2026-04-16	25.98	137.47	134.95	10.19	10.58	10.33
2026-04-17	63.79	135.39	133.52	10.18	10.44	10.31
2026-04-18	130.76	134.51	133.03	9.98	10.29	10.19
2026-04-19	131.13	136.06	133.95	9.96	10.40	10.22
2026-04-20	24.71	147.77	135.60	9.83	10.42	10.13
2026-04-21	135.03	137.93	136.30	9.99	10.31	10.09
2026-04-22	134.23	140.39	136.92	9.80	10.19	9.98
2026-04-23	133.91	154.81	139.07	8.63	10.64	10.00
2026-04-24	30.18	138.19	135.57	9.58	9.98	9.78
2026-04-25	134.90	136.50	135.59	9.59	9.76	9.68
2026-04-26	134.56	136.09	135.39	9.45	9.65	9.57
2026-04-27	134.82	135.93	135.36	9.31	9.61	9.48
2026-04-28	39.49	137.20	135.48	9.20	9.63	9.45
2026-04-29	134.79	138.43	135.57	9.26	10.01	9.43
2026-04-30	25.87	136.03	135.08	9.29	9.64	9.45

**Notes:**

## Raw Water Specifications (Continued):

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

### Notes:

Mn analyzer still off for the season.

### Train 1 Filter Turbidity (NTU):

Date	Filter 1			Filter 2			Filter 3		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-04-01	0.01	0.05	0.02	0.01	0.03	0.02	0.02	0.11	0.04
2026-04-02	0.02	0.05	0.04	0.01	0.05	0.02	0.02	0.09	0.03
2026-04-03	0.05	0.07	0.06	0.01	0.03	0.02	0.02	0.05	0.03
2026-04-04	0.06	0.07	0.06	0.01	0.04	0.02	0.02	0.06	0.03
2026-04-05	0.03	0.07	0.06	0.01	0.03	0.02	0.03	0.05	0.03
2026-04-06	0.02	0.07	0.05	0.01	0.04	0.02	0.03	0.05	0.03
2026-04-07	0.02	23.15	0.05	0.01	0.03	0.02	0.02	0.06	0.03
2026-04-08	0.03	0.08	0.04	0.01	0.03	0.02	0.03	0.06	0.04
2026-04-09	0.03	0.09	0.04	0.01	0.05	0.02	0.02	0.06	0.03
2026-04-10	0.03	0.07	0.04	0.01	0.03	0.02	0.02	0.06	0.03
2026-04-11	0.03	0.06	0.04	0.01	0.03	0.02	0.02	0.05	0.03
2026-04-12	0.03	0.08	0.05	0.01	0.03	0.01	0.02	0.04	0.02
2026-04-13	0.05	0.07	0.05	0.01	0.03	0.01	0.01	0.05	0.02
2026-04-14	0.03	0.10	0.05	0.01	0.02	0.01	0.01	0.04	0.02
2026-04-15	0.03	0.06	0.04	0.01	0.02	0.01	0.01	0.04	0.02
2026-04-16	0.03	0.05	0.03	0.01	0.02	0.01	0.02	0.05	0.02
2026-04-17	0.02	0.05	0.03	0.01	0.03	0.01	0.02	0.05	0.02
2026-04-18	0.02	0.05	0.03	0.01	0.02	0.01	0.02	0.06	0.03
2026-04-19	0.02	0.06	0.03	0.01	0.02	0.01	0.02	0.08	0.03
2026-04-20	0.01	0.05	0.02	0.01	0.03	0.01	0.01	0.03	0.02
2026-04-21	0.01	0.05	0.02	0.01	0.02	0.01	0.01	0.04	0.01
2026-04-22	0.01	0.05	0.02	0.01	0.02	0.01	0.01	0.04	0.02
2026-04-23	0.01	0.05	0.02	0.01	0.02	0.01	0.01	0.04	0.01
2026-04-24	0.02	0.06	0.03	0.01	0.02	0.01	0.01	0.03	0.01
2026-04-25	0.02	0.06	0.03	0.01	0.01	0.01	0.01	0.05	0.01
2026-04-26	0.02	0.05	0.03	0.01	0.02	0.01	0.01	0.06	0.02
2026-04-27	0.02	0.06	0.03	0.01	0.02	0.01	0.01	0.05	0.02
2026-04-28	0.01	0.05	0.02	0.01	0.02	0.01	0.01	0.05	0.02
2026-04-29	0.01	0.05	0.02	0.01	0.02	0.01	0.01	0.17	0.02
2026-04-30	0.01	0.04	0.02	0.01	0.02	0.01	0.01	0.04	0.02

**Notes:**

April 07 - Manual backwash on Filter 1 to bring filter back in service. No NTU made its way to the Clearwell.

## Train 2 Filter Turbidity (NTU)

Date	Filter 4			Filter 5			Filter 6		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-04-01	0.04	0.40	0.05	0.01	0.03	0.02	0.03	0.05	0.03
2026-04-02	0.04	0.11	0.05	0.01	0.01	0.01	0.03	0.05	0.04
2026-04-03	0.04	0.07	0.04	0.01	0.01	0.01	0.04	0.09	0.04
2026-04-04	0.03	0.10	0.04	0.01	0.01	0.01	0.03	0.06	0.04
2026-04-05	0.03	0.05	0.03	0.01	0.01	0.01	0.03	0.05	0.04
2026-04-06	0.03	0.10	0.04	0.01	0.01	0.01	0.03	0.10	0.04
2026-04-07	0.03	0.06	0.04	0.01	0.01	0.01	0.03	0.06	0.04
2026-04-08	0.04	0.06	0.04	0.01	0.01	0.01	0.03	0.07	0.04
2026-04-09	0.04	0.08	0.04	0.01	0.01	0.01	0.03	0.07	0.04
2026-04-10	0.03	0.06	0.04	0.01	0.09	0.03	0.03	0.06	0.04
2026-04-11	0.03	0.05	0.03	0.02	0.06	0.04	0.03	0.07	0.04
2026-04-12	0.03	0.05	0.03	0.02	0.06	0.03	0.03	0.06	0.04
2026-04-13	0.02	0.04	0.03	0.02	0.05	0.03	0.03	0.06	0.03
2026-04-14	0.02	0.06	0.03	0.02	0.04	0.02	0.02	0.06	0.03
2026-04-15	0.02	0.05	0.03	0.02	0.05	0.02	0.02	0.08	0.02
2026-04-16	0.02	0.04	0.02	0.02	0.04	0.02	0.02	0.06	0.03
2026-04-17	0.02	0.04	0.02	0.01	0.03	0.02	0.02	0.05	0.02
2026-04-18	0.02	0.05	0.02	0.01	0.04	0.02	0.02	0.04	0.02
2026-04-19	0.02	0.04	0.03	0.01	0.03	0.02	0.02	0.04	0.02
2026-04-20	0.02	0.06	0.03	0.01	0.04	0.02	0.02	0.06	0.02
2026-04-21	0.02	0.05	0.02	0.02	0.03	0.02	0.02	0.05	0.03
2026-04-22	0.02	0.04	0.02	0.01	0.04	0.02	0.03	0.06	0.03
2026-04-23	0.01	0.04	0.02	0.01	0.04	0.02	0.03	0.06	0.04
2026-04-24	0.01	0.06	0.02	0.01	0.05	0.02	0.02	0.08	0.03
2026-04-25	0.01	0.04	0.02	0.01	0.03	0.02	0.02	0.05	0.02
2026-04-26	0.01	0.05	0.02	0.01	0.04	0.02	0.02	0.06	0.02
2026-04-27	0.01	0.03	0.02	0.02	0.03	0.02	0.02	0.04	0.02
2026-04-28	0.01	0.04	0.02	0.02	0.04	0.02	0.01	0.04	0.02
2026-04-29	0.01	0.04	0.02	0.01	0.03	0.02	0.01	0.04	0.02
2026-04-30	0.01	0.04	0.02	0.01	0.02	0.02	0.01	0.05	0.02

**Notes:**

**UV Treatment:**

<b>Date</b>	<b>Average Flow (L/s)</b>	<b>Avg Validated Dose (mj/cm2)</b>	<b>Undosed Flow (ML)</b>
2026-04-01	62.90	16.41	0.0000
2026-04-02	98.91	22.00	0.0003
2026-04-03	138.06	22.00	0.0000
2026-04-04	147.14	22.00	0.0000
2026-04-05	106.50	18.40	0.0000
2026-04-06	130.05	22.00	0.0004
2026-04-07	101.24	16.65	0.0000
2026-04-08	121.02	17.89	0.0011
2026-04-09	148.59	21.68	0.0006
2026-04-10	152.97	22.00	0.0000
2026-04-11	100.76	22.00	0.0000
2026-04-12	126.64	22.00	0.0000
2026-04-13	122.38	22.00	0.0000
2026-04-14	125.69	22.00	0.0000
2026-04-15	134.03	22.00	0.0000
2026-04-16	152.63	22.00	0.0000
2026-04-17	153.47	22.00	0.0000
2026-04-18	168.36	22.00	0.0000
2026-04-19	172.55	22.00	0.0000
2026-04-20	188.56	22.00	0.0000
2026-04-21	189.53	22.00	0.0000
2026-04-22	188.64	22.00	0.0000
2026-04-23	169.35	22.00	0.0000
2026-04-24	199.15	22.00	0.0000
2026-04-25	210.97	22.00	0.0000
2026-04-26	237.00	22.00	0.0000
2026-04-27	234.23	22.00	0.0000
2026-04-28	266.01	22.00	0.0000
2026-04-29	258.28	22.00	0.0000
2026-04-30	260.38	20.52	0.0000

Monthly Total (ML): 0.0024

% of monthly water that was not UV treated: 0.001%

Notes:

**UV Transmittance %:**

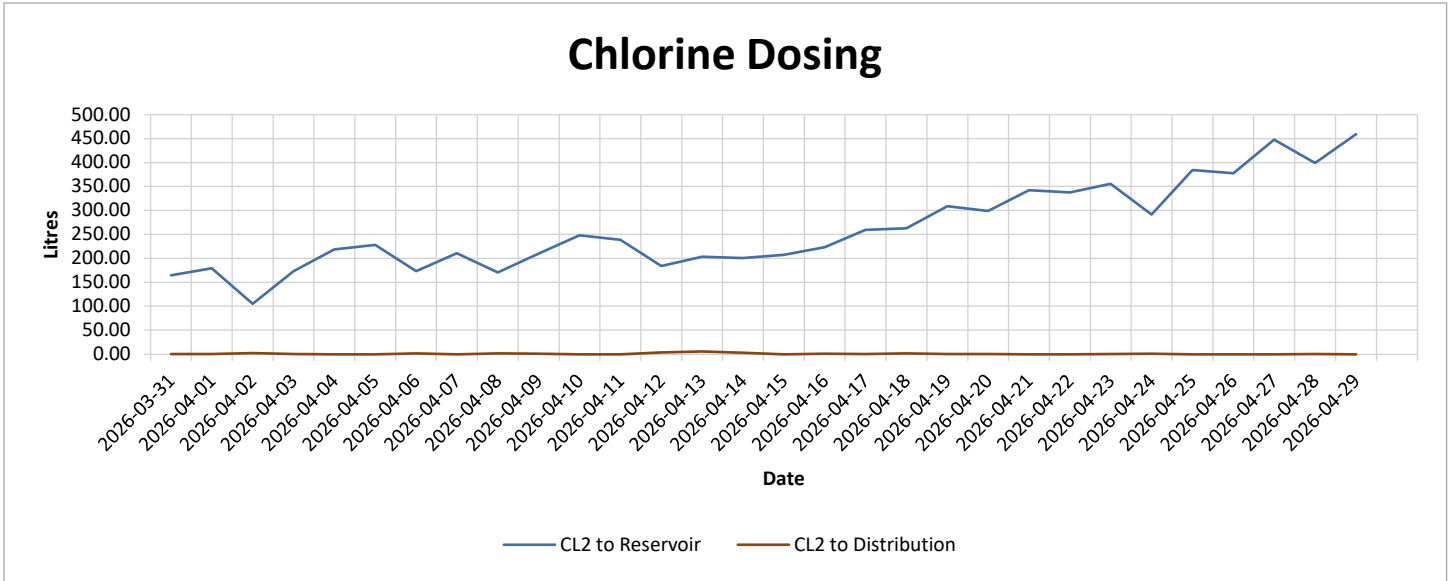
Date	Min	Max	Average
2026-04-01	88.50	89.84	89.10
2026-04-02	88.13	89.57	88.84
2026-04-03	88.55	90.01	89.22
2026-04-04	88.33	90.26	89.40
2026-04-05	88.45	89.89	89.27
2026-04-06	88.42	89.94	89.28
2026-04-07	87.77	89.84	89.01
2026-04-08	88.03	89.60	88.83
2026-04-09	87.79	92.23	89.03
2026-04-10	87.89	89.28	88.41
2026-04-11	88.08	88.99	88.51
2026-04-12	88.03	89.18	88.48
2026-04-13	88.21	89.35	88.72
2026-04-14	88.45	89.60	88.91
2026-04-15	87.91	89.35	88.82
2026-04-16	88.25	89.35	88.80
2026-04-17	88.33	89.28	88.81
2026-04-18	88.50	89.47	88.94
2026-04-19	88.30	89.60	88.92
2026-04-20	88.13	89.35	88.75
2026-04-21	88.33	89.57	88.82
2026-04-22	87.91	89.28	88.67
2026-04-23	87.40	88.99	88.10
2026-04-24	87.52	89.16	88.49
2026-04-25	87.96	89.52	88.50
2026-04-26	87.84	89.16	88.54
2026-04-27	87.64	89.18	88.65
2026-04-28	88.03	89.77	88.87
2026-04-29	88.45	89.69	89.00
2026-04-30	87.77	89.40	88.71

**Notes:**

# Chemical Demand:

Chlorine Used:

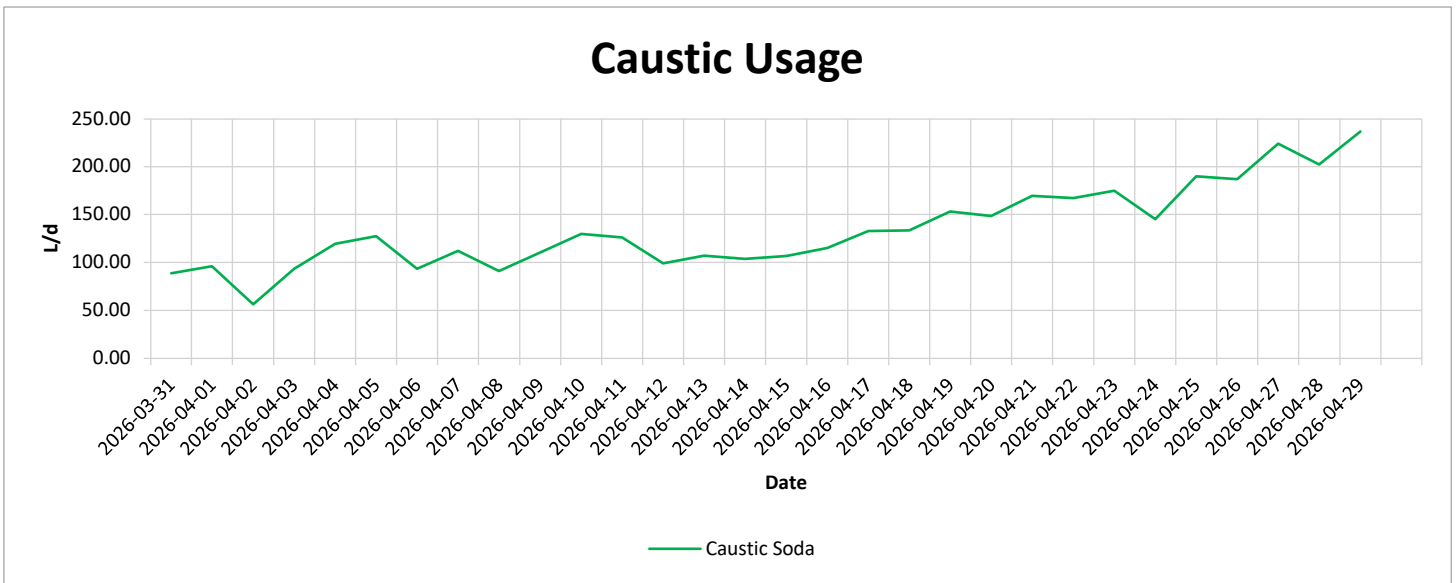
Total for Month  
7883.82 Litres



Notes:

Casutic Soda Used:

Total for Month  
4039.38 Litres

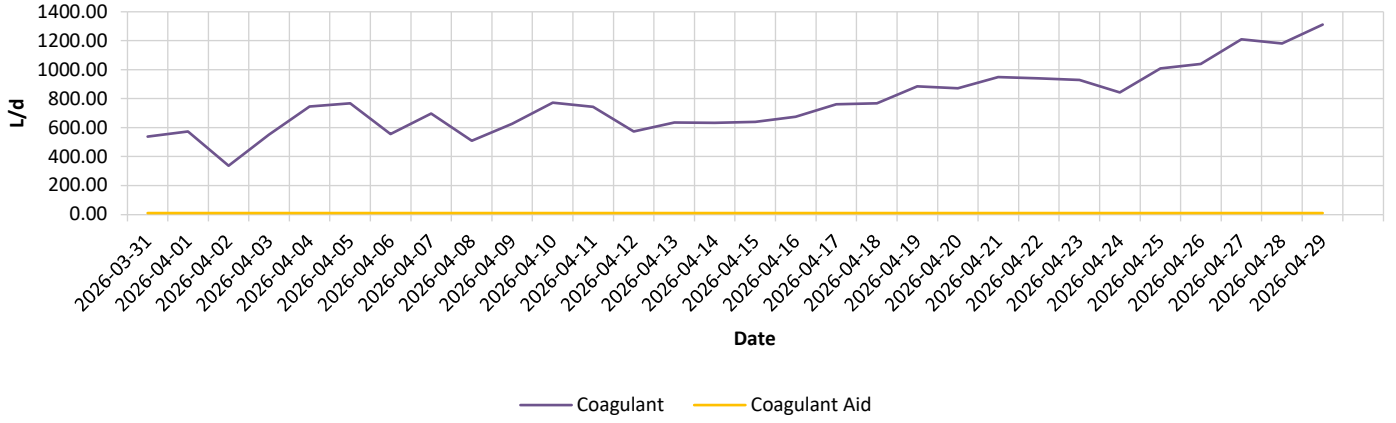


Notes:

**Coagulant Used:**  
**Coagulant Aid Used:**

Total for Month  
 23272.31 Litres  
 292.61 Litres

### Coagulant and Aid Usage



**Notes:**

**Polymer @ .2% Concentration:**

Total for Month  
 62408.57 Litres

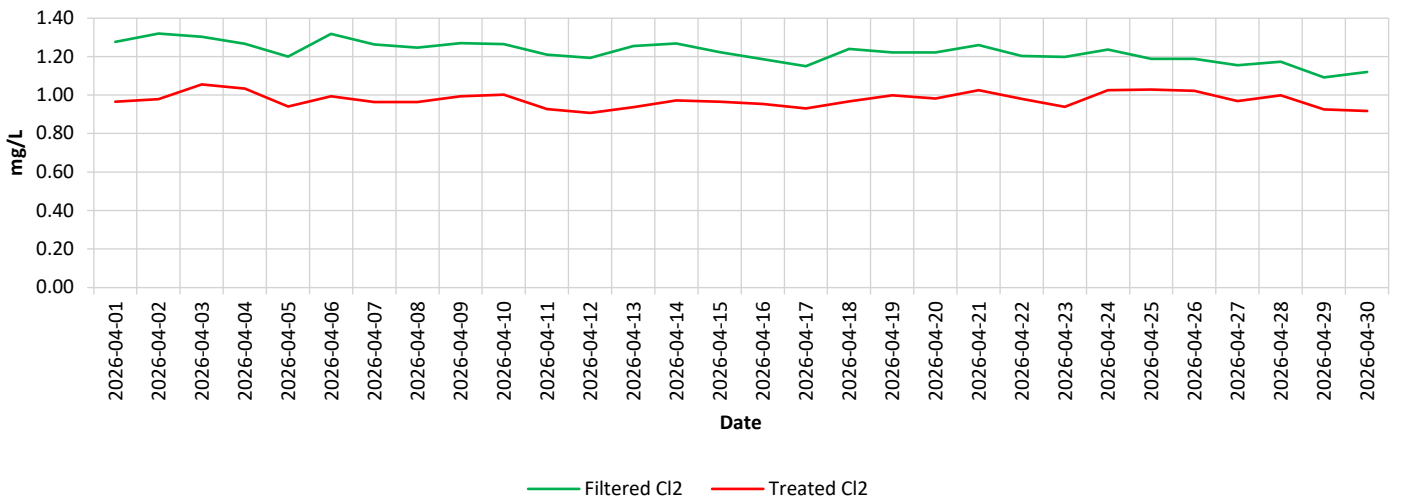
**Polymer @ .5% Concentration:**

Total for Month  
 63448.16 Litres

**Chlorine Dose**

Filtered Water Residual Cl<sub>2</sub> Average (mg/L): 1.22 mg/L  
 Treated Water (Distributed) Cl<sub>2</sub> Average (mg/L): 0.98 mg/L

### Average Residual Cl<sub>2</sub> Content



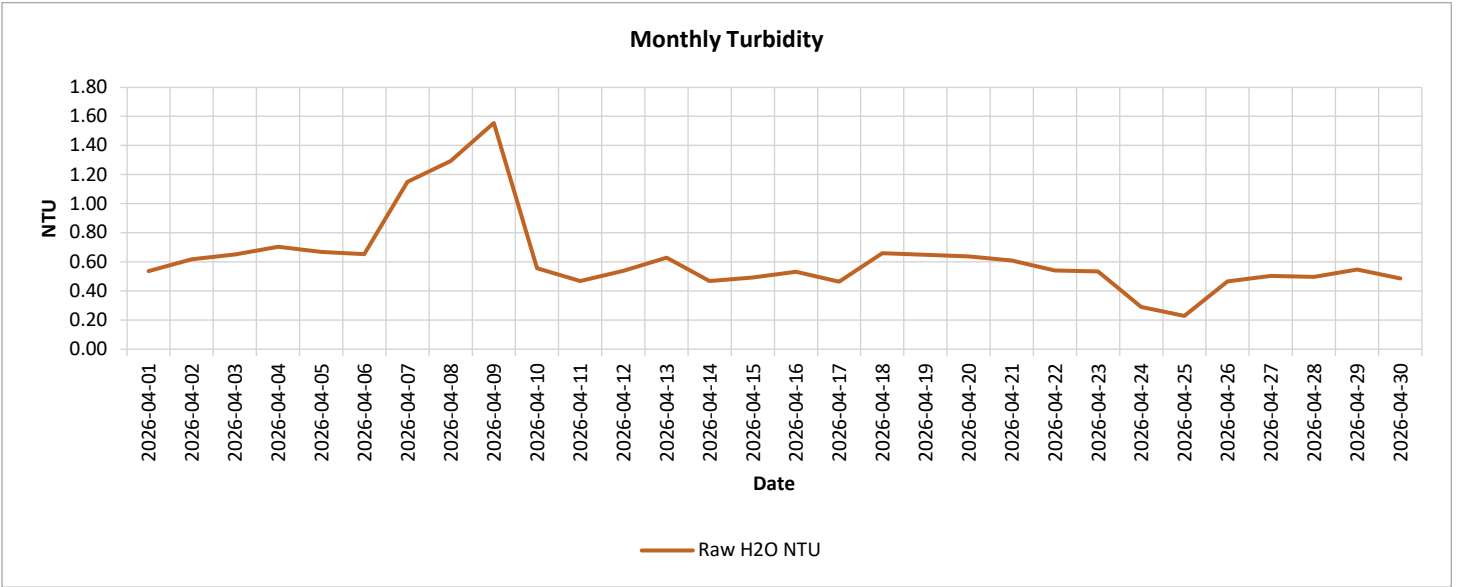
# Water Quality Analytics:

## Turbidity

Raw Water Monthly Average:

0.62

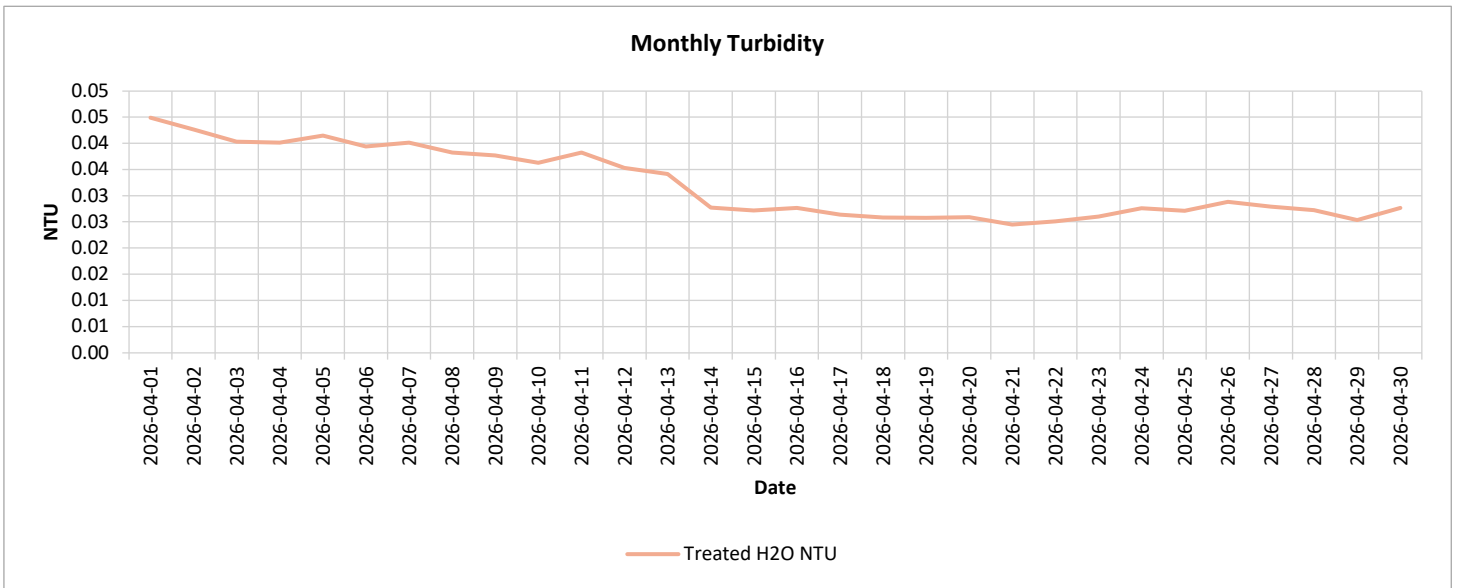
NTU



Treated Water Monthly Average:

0.03

NTU



Notes:

**pH**

Raw Water Monthly Average:

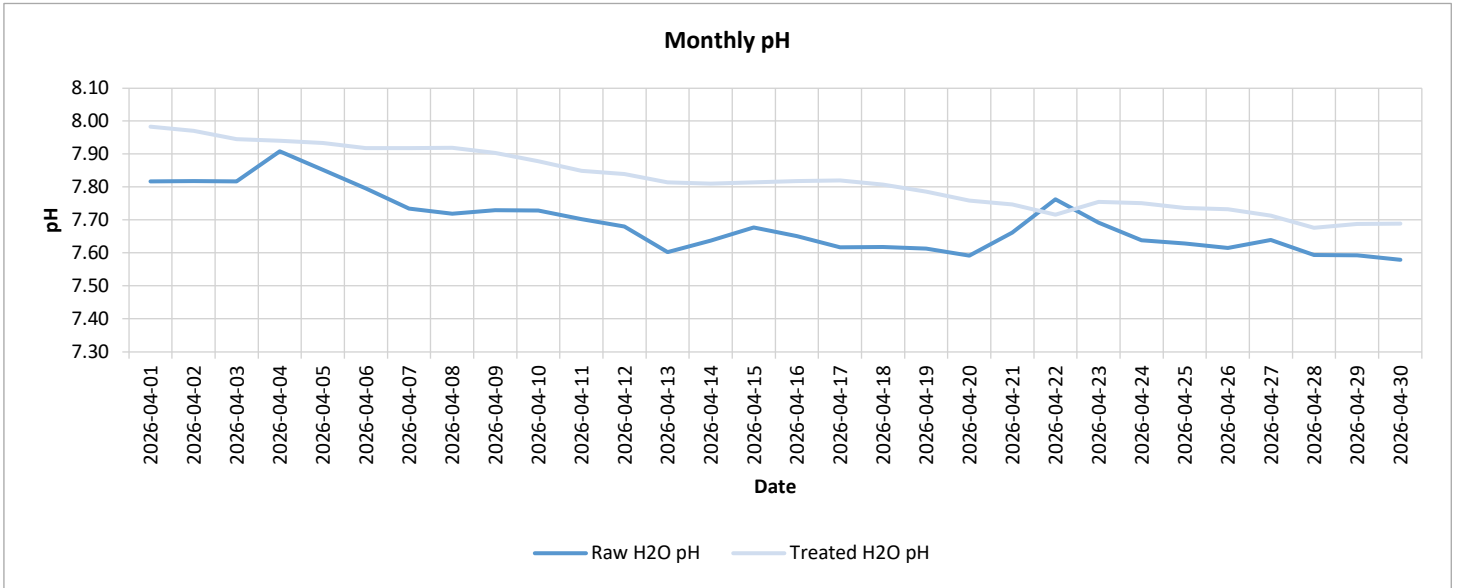
7.69

pH

Treated Water Monthly Average:

7.82

pH



**Notes:**

Empty box for notes.

## Rose Valley WTP Operational Highlights:

**April 1st** - Spartan onsite for Win911 upgrades

**April 2nd** - Divers @ RVDam to inspect bottom intake

**April 8th** - Plant shutdown for divers for video inspection of bottom intake and valve building.

**April 9th** - Coagulant delivery, Plant shutdown at 0900 for divers to wrap up inspection of valve chamber; Re-install NTU probe on lamella thickener effluent.

**April 10th** - Switched Raw water mains from the 450mm-600mm to get ready for increase in flow. Polymer delivery

**April 14th** - Cleaned out BCI @ Rotork site before starting to open water to Rose Valley Reservoir. Opened diversion at the end of day.

**April 15th** - Cleaned seat of regulator that feeds saturator on train 1. Regulating normal now.

**April 17th** - Cleaned out Lamella thickener

**April 20th** - Re-configured raw water line to YSI probe to provide 50 micron filtration as per AECOM.

**April 22nd** - All pH probes clean and calibrated.

**April 23rd** - Monthly NTU probe maintenance completed.

**April 24th** - Installed floats into Poly Day tanks on train 1 and 2 to get rid of faulty probes.

**April 27th** - Opened large main to feed distribution, closed bypass main.

**April 29th** - Calibrated both coagulant pumps due to mag meter discrepancy. BCWWA Tour

## Rose Valley Watershed Operational Highlights:

### Rose Valley

- Weekly Dam inspections
- April 21<sup>st</sup> Completed Piezometers Lake level is 596.12

### Bighorn

- April 21<sup>st</sup> Level 1354.3m. Opened Dunwaters diversion
- April 27<sup>th</sup> Removed V-Notch. Level 1355.5m
- April 30<sup>th</sup> Fixed Road and replaced old staff gauge at spillway

### BCI/Rotork

- Site inspection completed weekly
- April 1<sup>st</sup> -8<sup>th</sup> Replaced a section of the Raw water line to RV
- April 14<sup>th</sup> Opened Rotork to 20%
- April 16<sup>th</sup> Opened Rotork to 30%. Flow is over 3 tiers at BCI

### Esperon

- April 9<sup>th</sup> Site inspection Full and spilling. Still lots of snow on Road

## 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

# Rose Valley Water Service Area - Distribution System Monitoring

April 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 April.
- April Bacteriological sampling summary:
  - 25 samples to CARO for analysis
  - 34 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*.
- April 2, 2026 – Rosewood PS online FCR analyser calibration adjustment of 0.09mg/L decrease.
- April 8, 2026 – Menu PS hypo stock strength was changed on the PLC to 7.0%, dosing set point was left at 0.20mL/hr.
- April 14, 2026 – Rosewood PS online FCR analyser calibration adjustment of 0.23mg/L decrease.
- April 20, 2026 – Lower Boucherie PS online FCR analyser calibration adjustment of 0.20mg/L decrease.
- April 22, 2026 – Lower Boucherie PS hypo stock strength was changed on the PLC to 6.9%.
- April 22, 2026 – Menu PS hypo stock strength was changed on the PLC to 7.5%.
- April 27, 2026 – Flushing in RVWSA Zone 05B & 05C was complete and the precautionary water quality advisory was rescinded.
- April 29, 2026 – Flushing in the Pritchard neighborhood was started with a precautionary water quality advisory issued to improve water age in the area, signage was placed at the entrances to the neighborhood, City website updated and a PSA sent out.

## Operational System Improvements/Events

- April 7, 2026 – Lower Boucherie PS hypo system maintenance including quill connection repair and cleaning of all piping and grating.
- April 17, 2026 – Pettman PS experienced a power outage, a generator was deployed till the power was restored at 4pm that day.
- April 21, 2026 – PRV#4 Ogden repairs were completed in conjunction with a City contractor, replacing the roll seals PRVs with Cla-Val PRVs.
- April 22, 2026 – Blackwood PS maintenance on all online analyser sensors. Replaced FCR and pH sensor, cleaned all equipment and verification was done 24 hours after maintenance.
- April 29, 2026 – Westlake Interconnect maintenance was completed.
  - Westlake Interconnect & Blackwood PS setpoint changes done to limit run times and low inlet pressure issues.

# WQ Field and SCADA Data

Sampling Location Table:

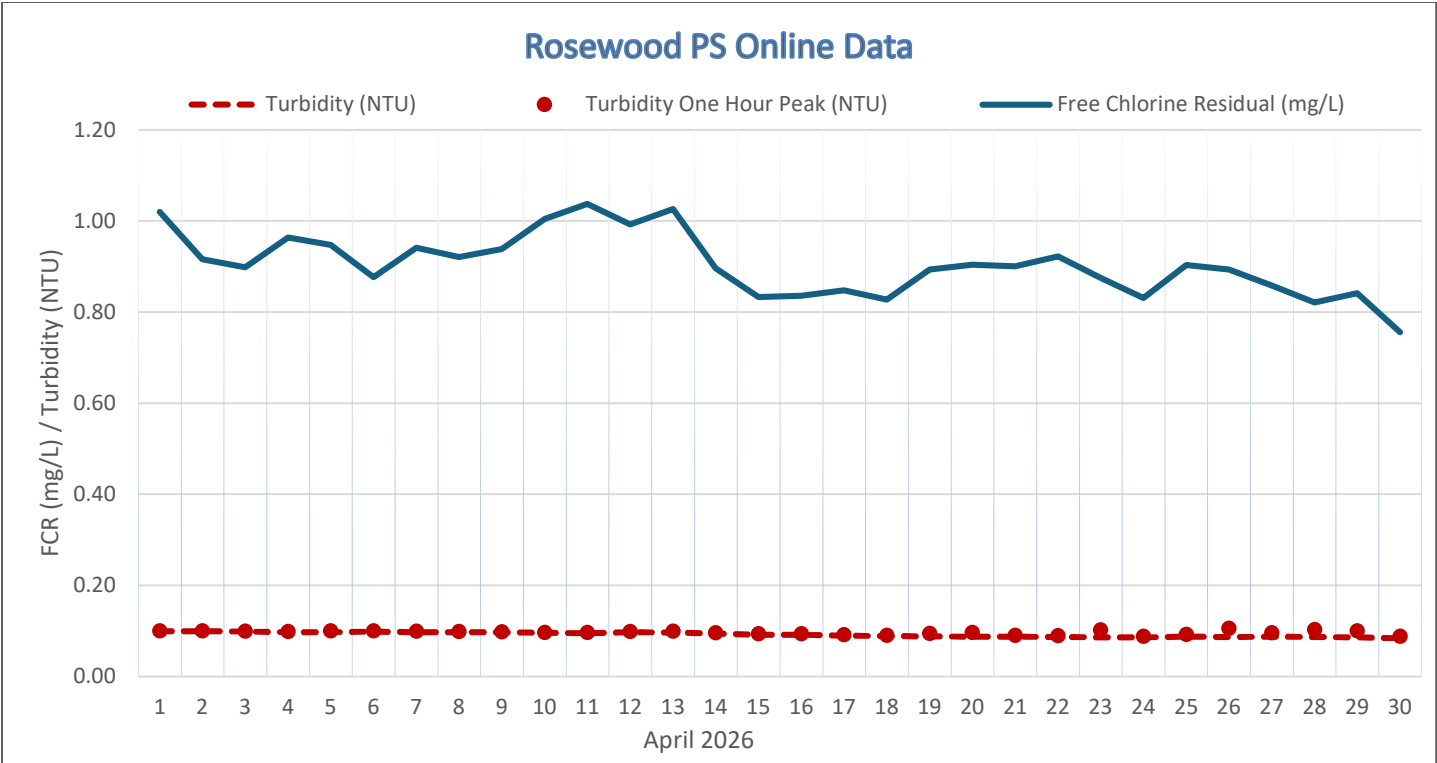
Sample Name	Civic Address	Pressure Zone	WQ Sampling Rationale
<b>Rosewood PS</b>	1463 Rosewood Dr	597	Installed new online water quality analyzer at Rosewood PS and changed grab sample location from <b>RV Trails</b> to this new location to coincide and best represent as the "First Customer Sample" entering the RVWSA distribution network.
<b>Menu PS</b>	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.
<b>Blackwood PS</b>	1551 Blackwood Dr	584	Mid system water quality check. Water quality entering the West Kelowna Estates area.
<b>Thacker SS</b>	3111 Thacker Dr	539	End system water quality check.
<b>Lower Boucherie PS &amp; Res</b>	Entry at end of road near 1359 Cabernet Way	627	Mid system water quality check. Water quality entering the Sunnyside area.
<b>Upper Boucherie Res Outlet</b>	Entry across from 1489 Cabernet Way	627	Mid system water quality check. Water quality entering the Sunnyside area.
<b>Shannon Way SS</b>	2240 Hihannah Dr	597	Mid system water quality check. Water quality for the Shannon Lake area.
<b>Lower Horizon SS</b>	2100 Horizon Dr	507	End system water quality check.
<b>Pritchard SS</b>	1599 Pritchard Dr	409	End system water quality check.
<b>Vineyard View SS</b>	Adjacent to 3284 Vineyard View Dr	588	Mid system water quality check. Location is after re-chlorination at the Upper Boucherie Reservoir. Replaced the <b>Viognier PRV</b> sample location.
<b>Lakeview Cove PS</b>	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 (°C)	Avg (pH)	Avg (mV)
<b>Apr 2026</b>								
1	0.10	0.10	0.93	1.06	1.02	7.20	7.99	720
2	0.10	0.10	0.82	1.04	0.92	7.23	7.98	714
3	0.10	0.10	0.82	1.00	0.90	7.30	7.99	710
4	0.10	0.10	0.90	1.01	0.96	7.25	7.96	710
5	0.10	0.10	0.90	0.99	0.95	7.37	7.95	703
6	0.10	0.10	0.83	0.92	0.88	7.58	7.95	696
7	0.10	0.10	0.90	0.98	0.94	7.51	7.93	704
8	0.10	0.10	0.86	0.98	0.92	7.78	7.94	698
9	0.10	0.10	0.89	0.97	0.94	7.78	7.94	696
10	0.10	0.10	0.94	1.05	1.00	7.84	7.93	672
11	0.10	0.10	1.00	1.08	1.04	7.77	7.90	667
12	0.10	0.10	0.95	1.05	0.99	7.88	7.88	696
13	0.10	0.10	0.97	1.09	1.03	7.95	7.88	710
14	0.09	0.10	0.77	1.04	0.90	7.89	7.85	713
15	0.09	0.09	0.79	0.87	0.83	7.97	7.85	715
16	0.09	0.09	0.79	0.89	0.84	8.33	7.86	700
17	0.09	0.09	0.80	0.89	0.85	8.54	7.87	691
18	0.09	0.09	0.78	0.87	0.83	8.54	7.87	691
19	0.09	0.09	0.82	0.96	0.89	8.64	7.86	700
20	0.09	0.10	0.83	0.96	0.90	8.84	7.86	698
21	0.09	0.09	0.82	0.93	0.90	8.98	7.84	701
22	0.09	0.09	0.89	0.95	0.92	9.05	7.82	703
23	0.09	0.10	0.79	0.91	0.87	9.19	7.85	696
24	0.09	0.09	0.76	0.90	0.83	9.70	7.87	679
25	0.09	0.09	0.83	0.94	0.90	9.41	7.82	688
26	0.09	0.11	0.82	0.92	0.89	9.24	7.79	693
27	0.09	0.10	0.80	0.89	0.86	9.22	7.75	696
28	0.09	0.10	0.75	0.87	0.82	9.36	7.72	701
29	0.09	0.10	0.78	0.88	0.84	9.42	7.69	704
30	0.08	0.09	0.69	0.80	0.76	9.62	7.68	699
<b>Average</b>	0.09		0.84	0.96	0.90	8.35	7.87	699
<b>Min</b>	0.08		0.69	0.80	0.76	7.20	7.68	667
<b>Max</b>	0.10	0.11	1.00	1.09	1.04	9.70	7.99	720

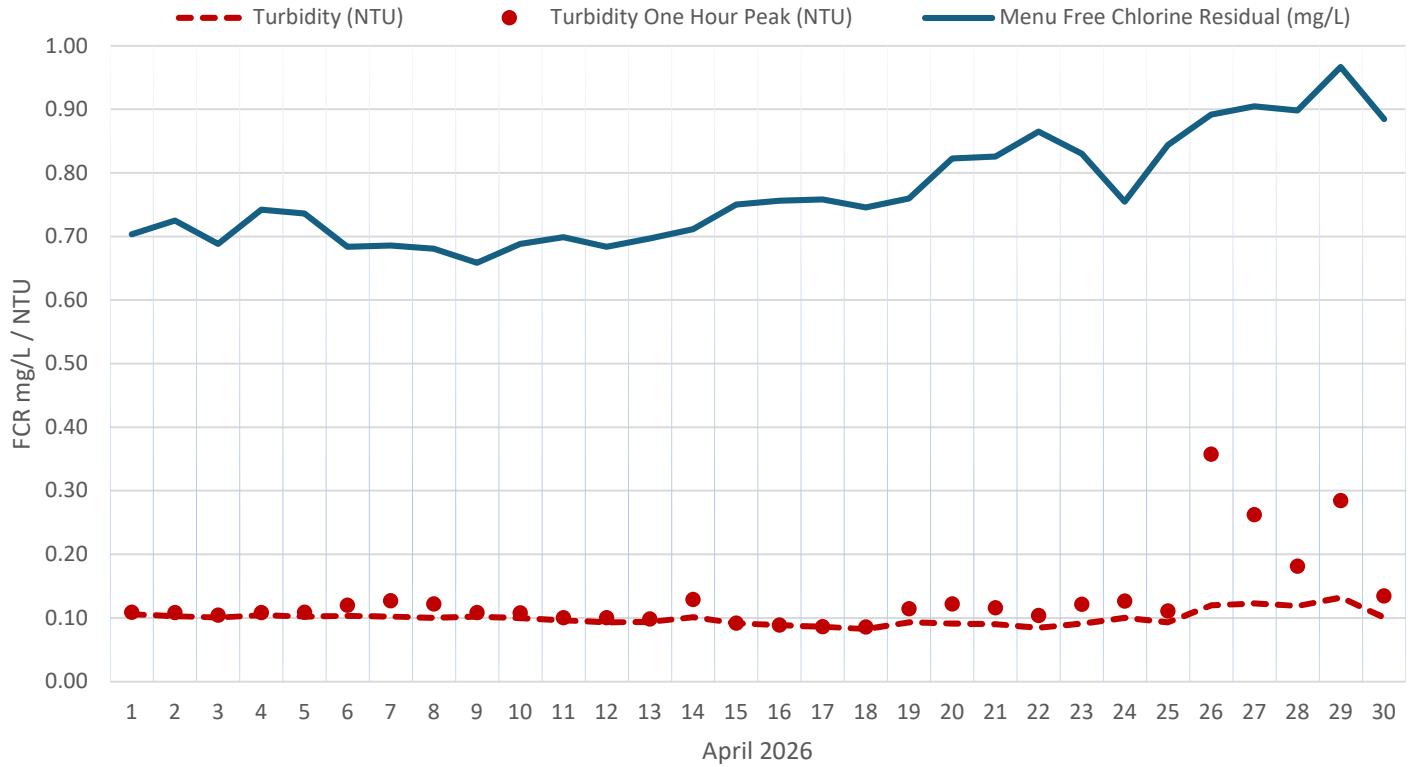


Rosewood PS Water Quality						
Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
07-Apr-26	0.24	0.10	7.6	0.95	0.93	7.46
14-Apr-26	0.16	0.09	7.8	0.94	1.03	7.39
21-Apr-26	0.12	0.09	8.6	0.96	0.91	7.75
28-Apr-26	0.08	0.11	12.0	0.86	0.76	7.88
# of Samples	4	4	4	4	4	4
Average	0.15	0.10	9.0	0.93	0.91	7.62
Range	0.08-0.24	0.09-0.11	7.6-12.0	0.86-0.96	0.76-1.03	7.39-7.88

# Menu PS

Menu PS Online Data									
Date	Combined Flow Total From RV	Turbidity	Turbidity (Peak 1 Hr)	Temp	pH	ORP	FCR		
	(m3)	Avg (NTU)	Max Based On 1 Hr Avg	Avg (°C)	Avg (pH)	Avg (mV)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
<b>Apr 2026</b>									
1	1301	0.11	0.11	6.75	7.56	769	0.66	0.76	0.70
2	1397	0.10	0.11	6.81	7.56	780	0.69	0.76	0.72
3	1573	0.10	0.10	6.87	7.55	772	0.65	0.76	0.69
4	1598	0.10	0.11	6.83	7.54	769	0.70	0.79	0.74
5	1766	0.10	0.11	6.86	7.52	767	0.70	0.77	0.74
6	1777	0.10	0.12	7.09	7.52	756	0.65	0.73	0.68
7	1899	0.10	0.13	7.13	7.50	759	0.64	0.73	0.69
8	1443	0.10	0.12	7.27	7.49	761	0.64	0.72	0.68
9	1985	0.10	0.11	7.49	7.51	754	0.63	0.68	0.66
10	2383	0.10	0.11	7.47	7.49	755	0.62	0.76	0.69
11	1986	0.10	0.10	7.47	7.47	711	0.66	0.75	0.70
12	2150	0.09	0.10	7.57	7.44	750	0.65	0.72	0.68
13	2034	0.09	0.10	7.60	7.43	767	0.66	0.73	0.70
14	2094	0.10	0.13	7.60	7.41	774	0.68	0.74	0.71
15	2561	0.09	0.09	7.59	7.39	776	0.71	0.80	0.75
16	2944	0.09	0.09	7.85	7.40	768	0.70	0.80	0.76
17	3344	0.09	0.09	8.19	7.41	755	0.71	0.80	0.76
18	3055	0.08	0.09	8.26	7.42	756	0.70	0.79	0.75
19	2152	0.09	0.11	8.23	7.40	761	0.69	0.82	0.76
20	2856	0.09	0.12	8.35	7.40	763	0.77	0.86	0.82
21	3226	0.09	0.12	8.49	7.38	763	0.76	0.89	0.83
22	3068	0.08	0.10	8.52	7.36	767	0.79	0.91	0.87
23	3133	0.09	0.12	8.73	7.36	762	0.77	0.87	0.83
24	3637	0.10	0.13	9.36	7.38	746	0.72	0.82	0.75
25	3164	0.09	0.11	9.11	7.38	750	0.77	0.89	0.84
26	4549	0.12	0.36	8.88	7.36	757	0.85	0.93	0.89
27	3777	0.12	0.26	8.84	7.35	761	0.85	0.96	0.90
28	5173	0.12	0.18	8.86	7.34	766	0.85	0.94	0.90
29	5666	0.13	0.28	8.86	7.31	770	0.90	1.02	0.97
30	5437	0.10	0.13	8.91	7.31	764	0.83	0.93	0.88
<b>Total</b>	81825								
<b>Average</b>	2771	0.10		7.93	7.43	761	0.72	0.81	0.77
<b>Min</b>	1301	0.08		6.75	7.31	711	0.62	0.68	0.66
<b>Max</b>	5666	0.13	0.36	9.36	7.56	780	0.90	1.02	0.97

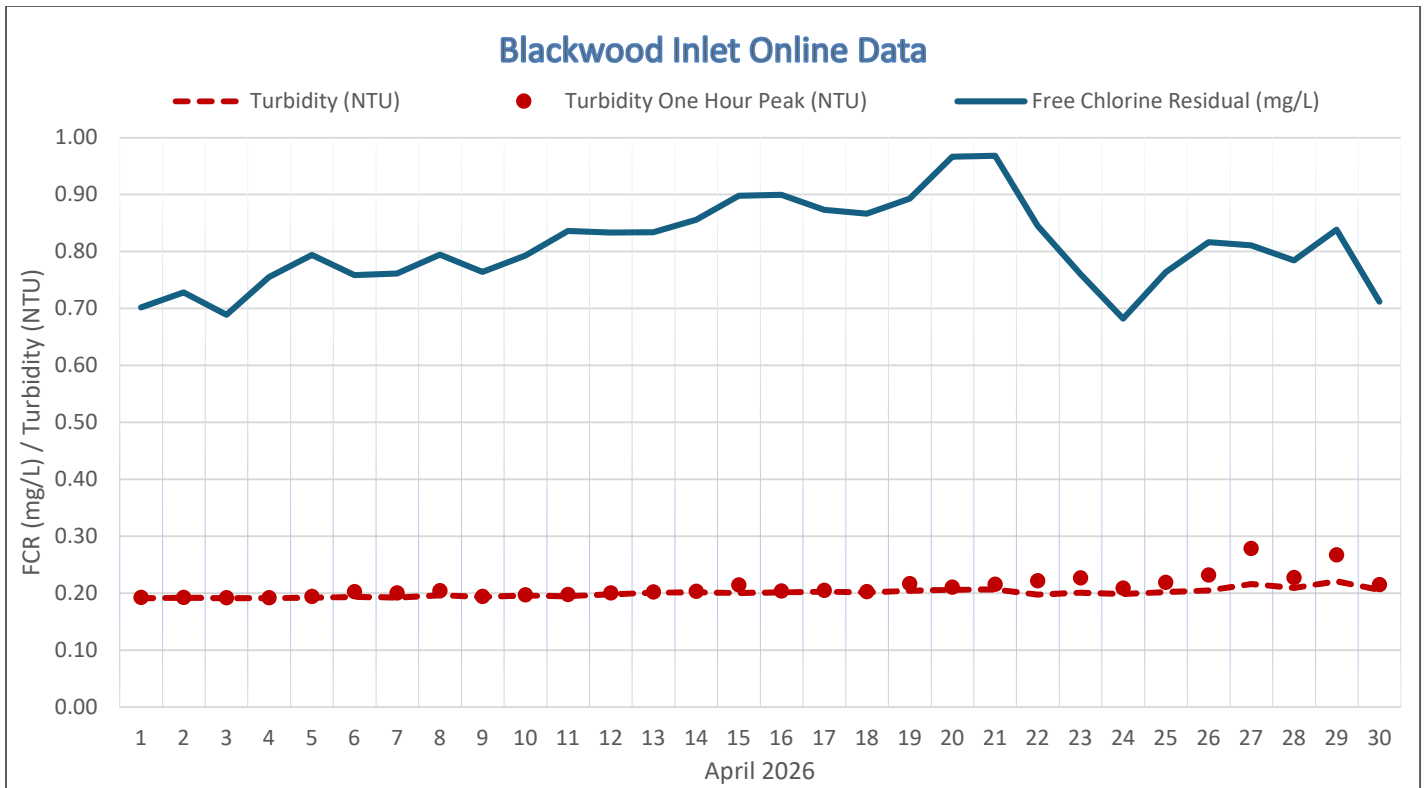
### Menu PS Online Data



Menu PS Water Quality						
Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
07-Apr-26	0.09	0.09	7.3	0.82	0.67	7.53
14-Apr-26	0.13	0.09	7.6	0.78	0.7	7.47
21-Apr-26	0.21	0.08	9.3	0.88	0.86	7.79
28-Apr-26	0.16	0.17	13.2	0.76	0.89	7.85
# of Samples	4	4	4	4	4	4
Average	0.15	0.11	9.4	0.81	0.78	7.66
Minimum	0.09	0.08	7.3	0.76	0.67	7.47
Maximum	0.21	0.17	13.2	0.88	0.89	7.85
Range	0.09-0.21	0.08-0.17	7.3-13.2	0.76-0.88	0.67-0.89	7.47-7.85

# Blackwood PS

Blackwood 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 (°C)	Avg (pH)	Avg (us/cm)	Avg (mV)
<b>Apr 2026</b>									
1	0.19	0.19	0.60	0.78	0.70	7.84	7.91	221	703
2	0.19	0.19	0.64	0.78	0.73	7.91	7.88	222	720
3	0.19	0.19	0.61	0.74	0.69	7.78	7.86	222	714
4	0.19	0.19	0.66	0.82	0.75	7.82	7.86	221	708
5	0.19	0.19	0.72	0.87	0.79	7.62	7.83	222	706
6	0.19	0.20	0.68	0.83	0.76	7.82	7.83	222	693
7	0.19	0.20	0.68	0.84	0.76	7.84	7.81	222	695
8	0.20	0.20	0.72	0.86	0.79	7.86	7.80	222	699
9	0.19	0.19	0.69	0.86	0.76	8.15	7.81	223	691
10	0.20	0.20	0.69	0.88	0.79	8.00	7.80	223	694
11	0.20	0.20	0.72	0.98	0.84	7.80	7.78	223	649
12	0.20	0.20	0.77	0.93	0.83	7.83	7.76	224	682
13	0.20	0.20	0.75	0.93	0.83	8.04	7.74	223	704
14	0.20	0.20	0.77	0.96	0.86	7.85	7.73	224	714
15	0.20	0.21	0.79	1.04	0.90	7.92	7.71	224	715
16	0.20	0.20	0.81	1.02	0.90	8.30	7.72	224	710
17	0.20	0.21	0.79	0.98	0.87	8.56	7.73	225	691
18	0.20	0.20	0.78	0.98	0.87	8.65	7.73	225	692
19	0.20	0.22	0.76	1.06	0.89	8.56	7.72	225	699
20	0.21	0.21	0.86	1.09	0.97	8.81	7.72	224	702
21	0.21	0.22	0.86	1.11	0.97	8.93	7.71	224	701
22	0.20	0.22	0.12	1.08	0.85	9.03	7.70	217	703
23	0.20	0.23	0.69	0.82	0.76	9.03	7.78	223	746
24	0.20	0.21	0.62	0.76	0.68	9.61	7.79	223	756
25	0.20	0.22	0.68	0.84	0.76	9.38	7.79	222	761
26	0.20	0.23	0.76	0.86	0.82	9.08	7.77	221	770
27	0.22	0.28	0.76	0.85	0.81	9.12	7.77	221	773
28	0.21	0.23	0.71	0.85	0.78	9.17	7.76	221	777
29	0.22	0.27	0.76	0.91	0.84	9.22	7.73	221	782
30	0.21	0.21	0.64	0.77	0.71	9.52	7.74	221	773
<b>Average</b>	0.20		0.70	0.90	0.81	8.44	7.78	222	717
<b>Min</b>	0.19		0.12	0.74	0.68	7.62	7.70	217	649
<b>Max</b>	0.22	0.28	0.86	1.11	0.97	9.61	7.91	225	782



### Blackwood PS Outlet Water Quality

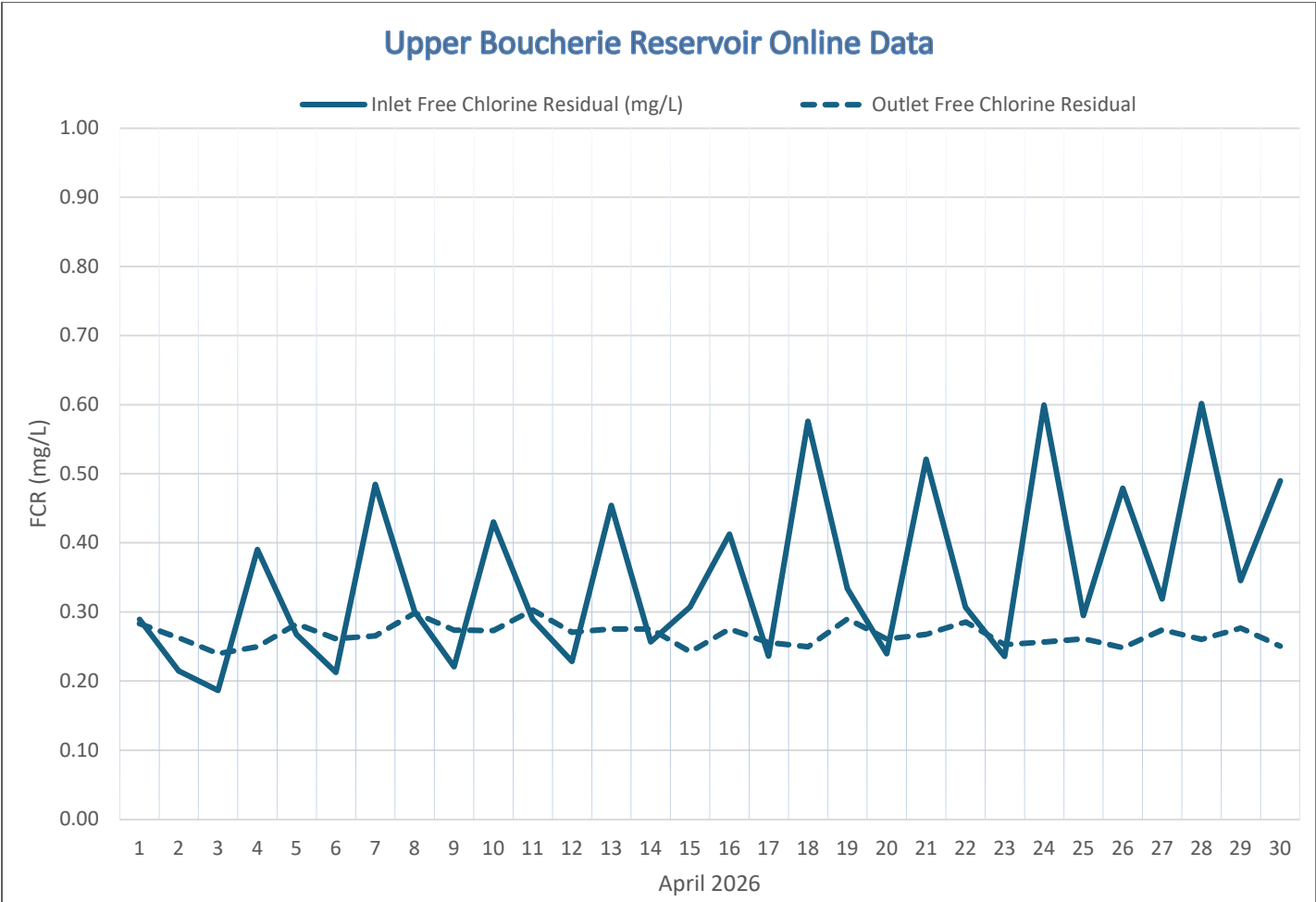
Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
07-Apr-26	0.14	0.08	7.4	0.69	0.64	7.46
14-Apr-26	0.15	0.08	8.0	0.67	0.74	7.43
21-Apr-26	0.25	0.07	8.9	0.75	0.96	7.8
28-Apr-26	0.16	0.07	11.7	0.73	1.07	7.9
# of Samples	4	4	4	4	4	4
Average	0.18	0.08	9	0.71	0.85	7.65
Range	0.14-0.25	0.07-0.08	7.4-11.7	0.67-0.75	0.64-1.07	7.43-7.9

**Blackwood Booster Outlet to McPhail Reservoir Online Data**

Date	Turbidity	Turbidity (Peak 1 Hr)	FCR			Temp	pH
	Avg (NTU)	Max Based On 1 Hr Avg	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Avg (°C)	Avg (pH)
<b>Apr 2026</b>							
1	0.08	0.09	0.45	0.68	0.60	6.95	7.87
2	0.08	0.10	0.43	0.70	0.59	7.03	7.88
3	0.08	0.09	0.46	0.71	0.63	7.04	7.88
4	0.07	0.08	0.50	0.74	0.64	7.19	7.87
5	0.08	0.09	0.53	0.82	0.72	7.12	7.85
6	0.08	0.09	0.58	0.77	0.70	7.24	7.84
7	0.08	0.09	0.56	0.75	0.68	7.33	7.84
8	0.08	0.09	0.53	0.80	0.71	7.36	7.84
9	0.07	0.09	0.59	0.76	0.70	7.59	7.82
10	0.07	0.08	0.60	0.75	0.70	7.74	7.81
11	0.07	0.09	0.59	0.83	0.74	7.80	7.79
12	0.08	0.09	0.61	0.84	0.76	7.82	7.78
13	0.08	0.09	0.60	0.82	0.73	7.91	7.77
14	0.08	0.09	0.64	0.84	0.76	7.90	7.75
15	0.07	0.09	0.63	0.93	0.80	7.86	7.75
16	0.07	0.09	0.68	0.90	0.82	7.96	7.73
17	0.07	0.08	0.73	0.91	0.84	8.14	7.73
18	0.07	0.08	0.71	0.89	0.82	8.36	7.73
19	0.07	0.07	0.71	0.96	0.85	8.46	7.72
20	0.07	0.08	0.76	1.01	0.92	8.61	7.73
21	0.07	0.08	0.81	1.00	0.93	8.81	7.73
22	0.06	0.08	0.86	1.08	1.00	8.93	7.71
23	0.07	0.08	0.83	1.03	0.95	9.01	7.70
24	0.07	0.09	0.73	0.94	0.85	9.28	7.70
25	0.07	0.09	0.69	0.99	0.85	9.53	7.70
26	0.08	0.09	0.87	1.09	1.01	9.28	7.68
27	0.09	0.10	0.88	1.07	1.00	9.25	7.65
28	0.08	0.10	0.85	1.08	0.99	9.32	7.64
29	0.10	0.12	0.79	1.18	1.00	9.48	7.62
30	0.10	0.10	0.27	0.81	0.51	9.96	7.79
<b>Average</b>	0.08		0.65	0.89	0.79	8.21	7.76
<b>Min</b>	0.06		0.27	0.68	0.51	6.95	7.62
<b>Max</b>	0.10	0.12	0.88	1.18	1.01	9.96	7.88

## Upper Boucherie Outlet

Upper Boucherie Reservoir Online Data								
Date	Temp	pH	Inlet FCR			Outlet FCR		
	Avg (°C)	Avg (pH)	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
<b>Apr 2026</b>								
1	8.68	7.94	0.22	0.46	0.29	0.27	0.30	0.28
2	8.80	7.94	0.19	0.35	0.21	0.22	0.29	0.26
3	8.87	7.95	0.17	0.20	0.19	0.22	0.26	0.24
4	8.76	7.92	0.16	0.73	0.39	0.19	0.33	0.25
5	9.25	7.93	0.22	0.34	0.27	0.27	0.30	0.28
6	9.33	7.93	0.19	0.24	0.21	0.25	0.28	0.26
7	9.08	7.89	0.18	1.33	0.48	0.21	1.45	0.27
8	9.38	7.91	0.24	0.41	0.30	0.28	0.32	0.30
9	9.25	7.92	0.20	0.25	0.22	0.25	0.29	0.27
10	8.79	7.88	0.19	0.98	0.43	0.21	0.37	0.27
11	9.10	7.90	0.24	0.37	0.29	0.28	0.32	0.30
12	8.91	7.90	0.21	0.25	0.23	0.25	0.29	0.27
13	8.83	7.84	0.21	0.70	0.45	0.21	0.30	0.28
14	9.09	7.88	0.22	0.30	0.26	0.26	0.30	0.28
15	8.94	7.86	0.19	0.75	0.31	0.20	0.29	0.24
16	8.98	7.83	0.26	0.75	0.41	0.26	0.29	0.28
17	9.23	7.86	0.21	0.27	0.24	0.24	0.27	0.26
18	9.19	7.81	0.20	1.17	0.58	0.20	0.30	0.25
19	9.53	7.84	0.26	0.47	0.33	0.27	0.30	0.29
20	9.75	7.85	0.21	0.27	0.24	0.24	0.29	0.26
21	9.73	7.79	0.20	1.26	0.52	0.20	0.34	0.27
22	10.20	7.82	0.25	0.56	0.31	0.26	0.31	0.29
23	10.09	7.83	0.21	0.26	0.24	0.23	0.28	0.25
24	10.01	7.76	0.20	1.11	0.60	0.20	0.29	0.26
25	10.32	7.80	0.24	0.36	0.29	0.24	0.28	0.26
26	10.17	7.76	0.21	1.23	0.48	0.19	0.35	0.25
27	10.49	7.78	0.25	0.45	0.32	0.25	0.29	0.27
28	10.32	7.73	0.22	1.23	0.60	0.21	0.37	0.26
29	10.74	7.76	0.26	0.63	0.35	0.25	0.30	0.28
30	10.60	7.73	0.22	1.88	0.49	0.20	0.36	0.25
<b>Average</b>	9.48	7.85	0.22	0.65	0.35	0.23	0.34	0.27
<b>Min</b>	8.68	7.73	0.16	0.20	0.19	0.19	0.26	0.24
<b>Max</b>	10.74	7.95	0.26	1.88	0.60	0.28	1.45	0.30

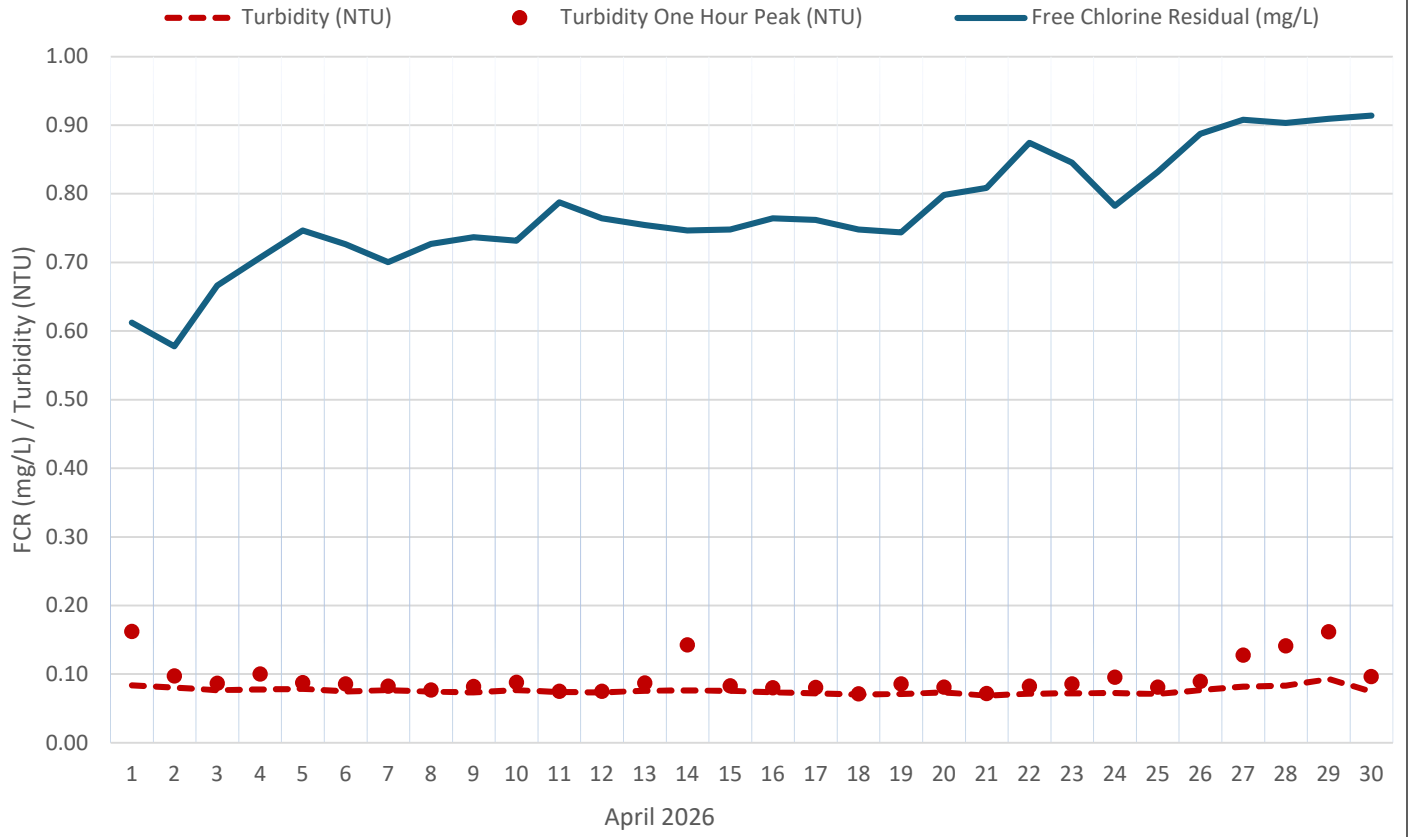


- Note: The Upper Boucherie Inlet FCR is variable due to when the pump runs from Lower Boucherie Pump Station.

# 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 (°C)
<b>Apr 2026</b>						
1	0.08	0.16	0.52	0.72	0.61	8.49
2	0.08	0.10	0.39	0.70	0.58	8.61
3	0.08	0.09	0.60	0.77	0.67	8.69
4	0.08	0.10	0.58	0.86	0.71	8.49
5	0.08	0.09	0.00	1.87	0.75	8.57
6	0.08	0.09	0.66	0.79	0.73	8.62
7	0.08	0.08	0.61	0.86	0.70	8.65
8	0.07	0.08	0.68	0.81	0.73	8.82
9	0.07	0.08	0.69	0.79	0.74	8.91
10	0.08	0.09	0.67	0.87	0.73	8.97
11	0.07	0.08	0.72	0.87	0.79	8.96
12	0.07	0.08	0.71	0.84	0.76	9.25
13	0.08	0.09	0.68	0.84	0.75	9.09
14	0.08	0.14	0.69	0.86	0.75	8.87
15	0.08	0.08	0.68	0.90	0.75	8.91
16	0.07	0.08	0.71	0.89	0.76	8.94
17	0.07	0.08	0.73	0.85	0.76	9.05
18	0.07	0.07	0.69	0.87	0.75	9.03
19	0.07	0.09	0.68	0.87	0.74	9.11
20	0.07	0.08	0.75	0.90	0.80	9.15
21	0.07	0.07	0.76	0.94	0.81	9.32
22	0.07	0.08	0.81	0.98	0.87	9.21
23	0.07	0.09	0.78	0.97	0.85	9.29
24	0.07	0.10	0.71	0.87	0.78	9.43
25	0.07	0.08	0.74	0.96	0.83	9.50
26	0.08	0.09	0.78	1.05	0.89	9.45
27	0.08	0.13	0.83	1.02	0.91	9.42
28	0.08	0.14	0.83	1.01	0.90	9.47
29	0.09	0.16	0.79	1.11	0.91	9.59
30	0.07	0.10	0.81	1.00	0.91	9.49
<b>Average</b>	0.08		0.68	0.92	0.77	9.05
<b>Min</b>	0.07		0.00	0.70	0.58	8.49
<b>Max</b>	0.09	0.16	0.83	1.87	0.91	9.59

# Lakeview Cove PS Online Data



# WQ Field Data

## Thacker SS

Thacker SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
07-Apr-26	0.12	8.6	0.77	7.7
14-Apr-26	0.2	9.2	0.88	7.43
21-Apr-26	0.2	9.5	0.73	7.75
28-Apr-26	0.15	13.2	0.57	7.93
# of Samples	4	4	4	4
Average	0.17	10.1	0.74	7.70
Range	0.12-0.2	8.6-13.2	0.57-0.88	7.43-7.93

## Shannon Way SS

Shannon Way SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
07-Apr-26	0.15	11.1	0.52	7.84
14-Apr-26	0.16	9.1	0.63	7.47
21-Apr-26	0.11	9.7	0.71	7.87
28-Apr-26	0.13	12.1	0.7	7.97
# of Samples	4	4	4	4
Average	0.14	10.5	0.64	7.79
Range	0.11-0.16	9.1-12.1	0.52-0.71	7.47-7.97

## Lower Horizon SS

Lower Horizon SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
07-Apr-26	0.13	8.2	0.69	7.55
14-Apr-26	0.15	9	0.6	7.44
21-Apr-26	0.15	9.3	0.73	7.79
28-Apr-26	0.1	12	0.65	7.91
# of Samples	4	4	4	4
Average	0.13	9.63	0.67	7.67
Range	0.1-0.15	8.2-12	0.6-0.73	7.44-7.91

## Pritchard SS

Pritchard SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
07-Apr-26	0.16	11.2	0.52	7.75
14-Apr-26	0.26	10.7	0.7	7.56
21-Apr-26	0.29	11.3	0.65	7.87
28-Apr-26	0.26	13.8	0.36	7.97
# of Samples	4	4	4	4
Average	0.24	11.75	0.56	7.79
Range	0.16-0.29	10.7-13.8	0.36-0.7	7.56-7.97

## Vineyard View SS

Vineyard View SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
07-Apr-26	0.16	11.2	0.52	7.64
14-Apr-26	0.18	10.4	0.46	7.46
21-Apr-26	0.19	10.6	0.45	7.81
28-Apr-26	0.16	13.2	0.4	7.95
# of Samples	4	4	4	4
Average	0.17	11.35	0.46	7.72
Range	0.16-0.19	10.4-13.2	0.4-0.52	7.46-7.95