

CITY OF WEST KELOWNA

Monthly Water Quality Report



Rose Valley Water Service Area

August 2026

WATER SUPPLY AND TREATMENT





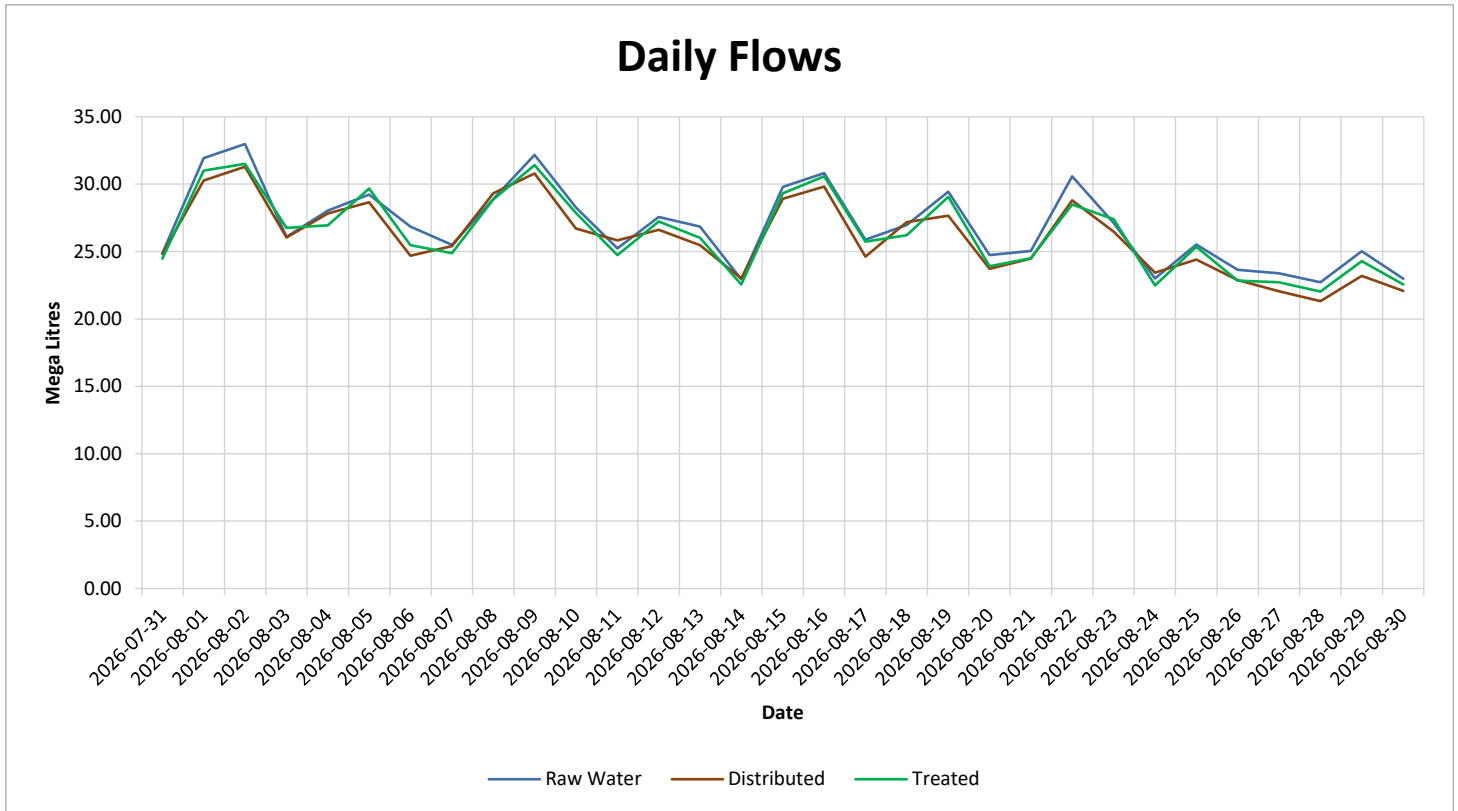
Rose Valley Water Treatment Plant Monthly Water Quality Summary

2026-09-08

August, 2026

Flow Demand:

	Total for Month	
Raw Processed Water:	834.16	ML
Treated Water :	816.88	ML
Distributed Water :	807.82	ML
Backwash Water :	32.96504	ML



Notes:

Raw Water Specifications:

Date	Raw Turbidity (NTU)			Raw pH		
	Min	Max	Average	Min	Max	Average
2026-08-01	0.84	1.43	1.08	7.32	7.68	7.51
2026-08-02	0.86	1.81	1.02	7.62	8.15	7.78
2026-08-03	1.25	2.55	1.75	7.60	7.84	7.66
2026-08-04	1.12	3.15	1.96	6.42	7.88	7.59
2026-08-05	1.37	12.50	2.00	7.52	7.60	7.56
2026-08-06	1.45	9.50	1.97	7.46	7.80	7.57
2026-08-07	1.38	9.23	2.17	7.47	7.74	7.58
2026-08-08	1.23	18.85	1.76	7.51	7.85	7.62
2026-08-09	0.77	55.96	1.48	7.59	7.70	7.65
2026-08-10	1.04	20.24	1.40	7.47	7.68	7.61
2026-08-11	0.90	11.18	1.78	7.56	7.63	7.59
2026-08-12	0.91	13.19	1.72	7.52	7.62	7.59
2026-08-13	1.05	2.16	1.68	7.57	7.65	7.61
2026-08-14	1.23	9.27	1.91	7.57	7.65	7.61
2026-08-15	0.75	9.32	1.52	7.58	7.68	7.63
2026-08-16	0.73	9.28	1.28	7.58	7.72	7.66
2026-08-17	0.84	7.88	1.30	7.57	7.67	7.63
2026-08-18	0.84	11.50	1.65	7.54	7.67	7.58
2026-08-19	0.68	33.47	1.58	7.54	7.61	7.57
2026-08-20	0.81	28.46	1.69	7.53	7.79	7.59
2026-08-21	0.68	21.85	1.54	7.53	7.63	7.59
2026-08-22	0.82	8.85	1.35	7.54	7.62	7.58
2026-08-23	0.55	9.02	1.15	7.50	7.60	7.56
2026-08-24	0.63	1.51	1.01	7.50	7.61	7.56
2026-08-25	0.53	1.08	0.70	7.46	7.61	7.57
2026-08-26	0.69	10.75	1.05	7.51	7.61	7.56
2026-08-27	0.88	48.60	1.08	7.48	7.58	7.54
2026-08-28	0.53	31.04	1.39	7.47	8.01	7.56
2026-08-29	0.00	20.56	1.19	7.47	8.00	7.55
2026-08-30	0.00	1.45	0.83	7.54	7.72	7.58
2026-08-31	0.00	19.36	0.97	7.54	7.74	7.62

Notes:

Raw Water Specifications (Continued):

Date	Raw Temp (°C)			Raw DOC (mg/L)		
	Min	Max	Average	Min	Max	Average
2026-08-01	15.65	17.58	17.06	12.75	13.04	12.92
2026-08-02	16.86	18.04	17.30	12.75	13.04	12.92
2026-08-03	16.86	17.48	17.16	12.75	13.04	12.92
2026-08-04	16.37	18.06	17.01	0.00	104.18	12.95
2026-08-05	16.69	17.19	16.92	12.99	13.24	13.11
2026-08-06	16.50	17.48	16.96	12.99	13.24	13.12
2026-08-07	16.61	17.43	16.95	12.99	13.24	13.12
2026-08-08	16.52	17.71	17.02	12.99	13.24	13.12
2026-08-09	16.72	17.57	16.95	12.99	13.24	13.12
2026-08-10	16.47	17.17	16.83	12.99	13.24	13.12
2026-08-11	16.56	17.12	16.78	12.99	13.24	13.12
2026-08-12	16.52	16.91	16.73	12.99	13.24	13.12
2026-08-13	16.52	16.93	16.73	12.99	13.24	13.12
2026-08-14	16.50	16.94	16.75	12.99	13.24	13.12
2026-08-15	16.51	16.93	16.72	12.99	13.24	13.12
2026-08-16	16.45	16.92	16.72	12.99	13.24	13.12
2026-08-17	16.48	16.83	16.68	12.99	13.24	13.12
2026-08-18	16.52	16.93	16.72	12.99	13.24	13.12
2026-08-19	16.56	17.00	16.76	12.99	13.24	13.12
2026-08-20	16.57	17.63	16.85	12.99	13.28	13.12
2026-08-21	16.70	17.37	17.08	12.99	13.24	13.12
2026-08-22	16.94	17.72	17.29	13.04	13.24	13.12
2026-08-23	16.91	17.68	17.31	12.99	13.24	13.11
2026-08-24	16.77	17.81	17.24	12.99	13.24	13.11
2026-08-25	16.89	18.43	17.41	12.99	13.24	13.11
2026-08-26	16.65	19.07	17.27	12.99	13.24	13.11
2026-08-27	16.61	19.03	16.95	12.99	13.24	13.12
2026-08-28	16.49	18.13	16.94	12.99	13.24	13.11
2026-08-29	16.44	18.11	16.82	12.99	13.24	13.10
2026-08-30	16.50	17.06	16.72	12.99	13.24	13.09
2026-08-31	16.48	17.07	16.78	12.99	13.24	13.10

Notes:

Raw Water Specifications (Continued):

Date	Raw Cond R (µS/cm)			Streaming Current		
	Min	Max	Average	Min	Max	Average
2026-08-01	176.43	184.11	179.98	-173.50	140.05	-15.91
2026-08-02	179.13	184.54	181.96	-70.21	197.19	-16.29
2026-08-03	181.45	185.12	183.38	-67.03	-0.12	-26.85
2026-08-04	177.18	184.93	180.96	-48.23	42.37	-10.34
2026-08-05	175.99	181.50	179.06	-67.52	29.18	-16.22
2026-08-06	174.28	181.47	178.04	-30.16	55.80	2.80
2026-08-07	170.95	180.25	176.12	-39.93	103.42	-1.25
2026-08-08	170.04	177.79	173.84	-65.32	6.96	-11.17
2026-08-09	171.55	177.81	174.63	-40.42	17.95	-11.60
2026-08-10	173.00	178.14	175.33	-41.88	21.61	-15.37
2026-08-11	173.84	177.16	175.40	-35.04	91.94	-6.11
2026-08-12	173.31	177.40	175.48	-40.42	23.81	-12.21
2026-08-13	171.78	177.28	174.81	-32.11	14.77	-9.49
2026-08-14	172.68	177.15	174.72	-65.32	25.76	-9.95
2026-08-15	171.40	176.98	174.14	-92.92	232.85	-9.13
2026-08-16	170.16	176.54	173.57	-43.10	14.77	-14.32
2026-08-17	170.28	176.86	173.20	-50.92	23.81	-11.91
2026-08-18	170.62	195.37	185.94	-45.30	28.69	-6.01
2026-08-19	189.75	196.37	193.50	-138.83	23.81	-2.85
2026-08-20	156.54	198.28	180.91	-136.39	159.34	-5.77
2026-08-21	155.07	192.76	175.05	-85.84	38.95	-3.90
2026-08-22	172.02	200.13	186.59	-29.18	38.46	12.39
2026-08-23	187.39	205.15	199.42	-25.52	32.84	5.06
2026-08-24	151.58	206.92	172.14	-81.44	38.95	3.66
2026-08-25	147.95	160.65	153.31	-20.15	33.58	5.62
2026-08-26	149.84	178.71	160.74	-105.37	28.69	6.98
2026-08-27	174.44	201.86	193.90	-25.52	39.68	6.81
2026-08-28	199.48	205.36	202.29	-76.80	233.33	23.07
2026-08-29	200.78	205.24	202.60	-145.18	188.89	14.44
2026-08-30	197.78	203.65	201.03	-102.44	223.08	14.60
2026-08-31	199.48	207.17	203.28	-90.48	184.74	21.85

Notes:

Raw Water Specifications (Continued):

Date	Coagulated pH			Coagulated Temp (°C)		
	Min	Max	Average	Min	Max	Average
2026-08-01	-11.65	-11.65	-11.65	15.34	17.52	16.77
2026-08-02	-11.65	-11.65	-11.65	16.68	17.83	17.07
2026-08-03	-11.65	-11.65	-11.65	16.63	17.29	16.94
2026-08-04	-11.65	-11.65	-11.65	16.62	17.17	16.83
2026-08-05	-11.65	-11.65	-11.65	16.47	17.04	16.70
2026-08-06	-11.65	-11.65	-11.65	16.28	17.33	16.77
2026-08-07	-11.65	-11.65	-11.65	16.25	17.18	16.65
2026-08-08	-11.65	-11.65	-11.65	16.37	17.71	17.04
2026-08-09	-11.65	-11.65	-11.65	16.19	17.53	17.01
2026-08-10	-11.65	-11.65	-11.65	16.28	16.99	16.59
2026-08-11	-11.65	-11.65	-11.65	16.17	17.21	16.63
2026-08-12	-11.65	-11.65	-11.65	16.38	17.39	16.69
2026-08-13	-11.65	-11.65	-11.65	16.35	16.90	16.58
2026-08-14	-11.65	-11.65	-11.65	16.38	17.17	16.62
2026-08-15	-11.65	-11.65	-11.65	16.37	17.24	16.71
2026-08-16	-11.65	-11.65	-11.65	16.60	17.61	17.21
2026-08-17	-11.65	-11.65	-11.65	16.80	22.05	17.26
2026-08-18	-11.65	-11.65	-11.65	16.38	17.61	16.84
2026-08-19	-11.65	-11.65	-11.65	16.52	17.39	16.77
2026-08-20	-11.65	10.23	-0.84	16.25	24.38	16.88
2026-08-21	7.79	8.89	8.41	16.58	17.15	16.80
2026-08-22	8.01	9.03	8.41	16.45	17.31	16.88
2026-08-23	8.59	9.87	9.14	16.60	17.23	16.90
2026-08-24	8.97	9.95	9.37	16.71	17.24	16.95
2026-08-25	8.59	9.90	9.32	16.69	17.63	16.95
2026-08-26	8.64	9.31	8.97	0.00	17.77	16.81
2026-08-27	8.94	8.94	8.94	0.00	22.78	16.98
2026-08-28	6.76	8.94	7.77	0.00	18.31	17.04
2026-08-29	6.76	6.76	6.76	16.56	18.29	16.97
2026-08-30	6.76	6.76	6.76	16.62	17.22	16.84
2026-08-31	6.70	6.99	6.80	16.61	17.24	16.82

Notes:

August 1st-28th: Failure on Coagulated water pH sensor, replaced and calibrated on August 29th

Raw Water Specifications (Continued):

Date	Raw Cond Y (µS/cm)			Raw Water DO (mg/L)		
	Min	Max	Average	Min	Max	Average
2026-08-01	159.89	163.71	162.14	1.68	4.72	3.18
2026-08-02	160.36	164.66	162.57	3.71	6.09	4.65
2026-08-03	161.11	164.02	162.23	3.49	4.87	3.99
2026-08-04	107.47	163.02	161.77	3.31	5.07	3.65
2026-08-05	159.48	162.69	160.77	3.13	3.81	3.34
2026-08-06	89.62	162.18	160.05	2.81	4.72	3.35
2026-08-07	53.47	160.23	158.70	3.04	4.33	3.42
2026-08-08	157.18	161.12	158.56	3.04	5.10	3.58
2026-08-09	156.91	159.41	157.91	3.25	3.84	3.58
2026-08-10	75.21	159.10	157.70	3.22	3.77	3.49
2026-08-11	156.84	159.83	158.30	3.13	3.72	3.38
2026-08-12	63.04	177.82	159.10	3.07	3.50	3.29
2026-08-13	154.98	158.98	156.99	3.15	5.06	3.56
2026-08-14	2.19	177.30	162.21	3.10	5.62	4.28
2026-08-15	167.75	179.55	173.81	4.91	6.43	6.01
2026-08-16	172.55	183.53	176.96	5.55	6.35	6.08
2026-08-17	150.72	176.88	161.47	3.72	6.30	5.00
2026-08-18	84.25	154.39	152.53	3.25	4.16	3.63
2026-08-19	152.19	154.24	153.07	3.03	4.01	3.42
2026-08-20	105.67	155.52	151.89	3.00	4.07	3.66
2026-08-21	9.11	153.03	151.63	3.19	3.80	3.53
2026-08-22	151.81	154.44	153.20	2.65	3.76	3.09
2026-08-23	152.32	155.13	153.48	2.16	3.36	2.79
2026-08-24	103.45	154.70	152.55	2.29	3.50	2.79
2026-08-25	51.98	153.30	151.29	2.61	4.20	3.12
2026-08-26	128.22	152.32	150.53	2.84	3.44	3.21
2026-08-27	10.32	155.49	149.98	2.64	4.23	3.20
2026-08-28	148.05	157.98	150.08	2.68	5.72	3.33

Notes:

Raw Water Specifications (Continued):

Date	Raw Manganese (ppm)		
	Min	Max	Average
2026-08-01	0.22	0.71	0.52
2026-08-02	0.29	0.73	0.52
2026-08-03	0.42	1.35	0.59
2026-08-04	0.41	0.75	0.56
2026-08-05	0.43	0.73	0.56
2026-08-06	0.44	0.74	0.60
2026-08-07	0.45	0.77	0.62
2026-08-08	0.73	0.73	0.73
2026-08-09	0.73	0.73	0.73
2026-08-10	0.46	0.73	0.60
2026-08-11	0.38	0.83	0.62
2026-08-12	0.39	0.78	0.58
2026-08-13	0.38	0.80	0.58
2026-08-14	0.39	0.78	0.61
2026-08-15	0.34	0.86	0.52
2026-08-16	0.34	0.77	0.52
2026-08-17	0.40	0.78	0.57
2026-08-18	0.40	0.77	0.58
2026-08-19	0.41	0.74	0.56
2026-08-20	0.39	0.74	0.60
2026-08-21	0.39	0.59	0.55
2026-08-22	0.59	0.59	0.59
2026-08-23	0.59	0.59	0.59
2026-08-24	0.43	0.67	0.57
2026-08-25	0.29	0.63	0.53
2026-08-26	0.35	0.54	0.50
2026-08-27	0.51	0.71	0.56
2026-08-28	0.26	0.60	0.39
2026-08-29	0.40	0.40	0.40
2026-08-30	0.40	0.40	0.40
2026-08-31	0.36	0.80	0.50

Notes:

Train 1 Filter Turbidity (NTU):

Date	Filter 1			Filter 2			Filter 3		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-08-01	0.02	0.03	0.02	0.01	0.03	0.02	0.01	0.06	0.03
2026-08-02	0.02	0.05	0.02	0.01	0.03	0.02	0.01	0.06	0.03
2026-08-03	0.02	0.04	0.02	0.01	0.02	0.02	0.02	0.05	0.03
2026-08-04	0.02	0.05	0.02	0.01	0.03	0.02	0.02	0.06	0.03
2026-08-05	0.01	0.03	0.02	0.01	0.05	0.02	0.02	0.04	0.03
2026-08-06	0.02	0.06	0.02	0.01	0.06	0.02	0.02	0.07	0.03
2026-08-07	0.02	0.05	0.02	0.01	0.05	0.02	0.02	0.08	0.03
2026-08-08	0.02	0.03	0.02	0.01	0.10	0.02	0.02	0.07	0.03
2026-08-09	0.02	0.05	0.02	0.02	0.06	0.02	0.02	0.06	0.03
2026-08-10	0.01	0.04	0.02	0.01	0.02	0.02	0.02	0.07	0.03
2026-08-11	0.01	0.05	0.02	0.01	0.12	0.02	0.02	0.03	0.02
2026-08-12	0.01	0.05	0.02	0.01	0.03	0.02	0.02	0.07	0.03
2026-08-13	0.02	0.10	0.02	0.01	0.04	0.02	0.01	0.05	0.03
2026-08-14	0.02	0.05	0.02	0.01	0.03	0.02	0.01	0.04	0.02
2026-08-15	0.01	0.04	0.02	0.01	0.05	0.02	0.02	0.06	0.03
2026-08-16	0.02	0.06	0.02	0.01	0.02	0.02	0.02	0.08	0.03
2026-08-17	0.02	0.04	0.02	0.01	0.06	0.02	0.01	0.04	0.03
2026-08-18	0.02	0.07	0.02	0.01	0.03	0.02	0.02	0.07	0.03
2026-08-19	0.02	0.06	0.03	0.02	0.05	0.02	0.02	0.08	0.03
2026-08-20	0.02	0.04	0.03	0.02	0.32	0.03	0.02	0.33	0.04
2026-08-21	0.02	0.07	0.03	0.02	0.04	0.02	0.02	0.08	0.03
2026-08-22	0.02	0.29	0.03	0.02	0.20	0.03	0.03	0.08	0.03
2026-08-23	0.02	0.04	0.03	0.02	0.03	0.02	0.01	0.05	0.03
2026-08-24	0.02	0.07	0.03	0.02	0.06	0.02	0.03	0.11	0.03
2026-08-25	0.02	0.05	0.03	0.02	0.03	0.02	0.02	0.05	0.03
2026-08-26	0.02	0.04	0.03	0.02	0.07	0.02	0.01	0.24	0.03
2026-08-27	0.02	0.07	0.03	0.02	0.05	0.02	0.01	0.09	0.03
2026-08-28	0.02	0.08	0.03	0.01	0.02	0.02	0.02	0.07	0.03
2026-08-29	0.02	0.07	0.03	0.02	0.06	0.02	0.02	0.08	0.03
2026-08-30	0.02	0.07	0.03	0.01	0.04	0.02	0.02	0.07	0.03
2026-08-31	0.02	0.04	0.03	0.02	0.05	0.02	0.02	0.07	0.03

Notes:

Aug 22nd - DAF Polymer addition failure resulting in temporary turbidity spike

Train 2 Filter Turbidity (NTU)

Date	Filter 4			Filter 5			Filter 6		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-08-01	0.02	0.04	0.02	0.01	0.06	0.02	0.01	0.07	0.02
2026-08-02	0.02	0.06	0.02	0.02	0.05	0.02	0.02	0.06	0.02
2026-08-03	0.01	0.06	0.02	0.02	0.03	0.02	0.02	0.03	0.02
2026-08-04	0.02	0.07	0.02	0.00	0.06	0.02	0.02	0.08	0.02
2026-08-05	0.02	0.03	0.02	0.02	0.03	0.02	0.01	0.03	0.02
2026-08-06	0.02	0.06	0.02	0.00	0.08	0.02	0.02	0.06	0.02
2026-08-07	0.02	0.05	0.02	0.00	0.07	0.02	0.02	0.07	0.02
2026-08-08	0.02	0.04	0.02	0.01	0.03	0.02	0.02	0.03	0.02
2026-08-09	0.02	0.05	0.02	0.02	0.06	0.02	0.01	0.06	0.02
2026-08-10	0.02	0.07	0.02	0.01	0.06	0.02	0.01	0.07	0.02
2026-08-11	0.02	0.05	0.02	0.01	0.03	0.02	0.02	0.03	0.02
2026-08-12	0.02	0.08	0.02	0.01	0.06	0.02	0.02	0.03	0.02
2026-08-13	0.02	0.05	0.02	0.00	0.03	0.02	0.01	0.07	0.02
2026-08-14	0.02	0.03	0.02	0.02	0.06	0.03	0.02	0.06	0.02
2026-08-15	0.02	0.05	0.02	0.02	0.04	0.02	0.01	0.07	0.02
2026-08-16	0.02	0.03	0.02	0.02	0.07	0.02	0.01	0.03	0.02
2026-08-17	0.02	0.06	0.03	0.02	0.05	0.02	0.02	0.05	0.02
2026-08-18	0.02	0.08	0.03	0.01	0.07	0.03	0.02	0.04	0.03
2026-08-19	0.02	0.04	0.02	0.02	0.04	0.03	0.02	0.08	0.03
2026-08-20	0.02	0.07	0.03	0.02	0.06	0.03	0.02	0.05	0.02
2026-08-21	0.02	0.09	0.03	0.02	0.06	0.02	0.02	0.06	0.02
2026-08-22	0.02	0.55	0.03	0.02	0.37	0.03	0.02	0.20	0.03
2026-08-23	0.02	0.06	0.03	0.02	0.04	0.03	0.02	0.03	0.03
2026-08-24	0.02	0.04	0.02	0.02	0.03	0.02	0.02	0.03	0.02
2026-08-25	0.02	0.06	0.03	0.02	0.08	0.03	0.01	0.07	0.02
2026-08-26	0.02	0.03	0.02	0.02	0.05	0.03	0.01	0.07	0.02
2026-08-27	0.02	0.07	0.03	0.02	0.04	0.02	0.02	0.04	0.02
2026-08-28	0.02	0.05	0.03	0.02	0.12	0.02	0.01	0.04	0.02
2026-08-29	0.02	0.07	0.03	0.02	0.06	0.02	0.02	0.08	0.02
2026-08-30	0.01	0.10	0.03	0.01	0.05	0.02	0.01	0.17	0.02
2026-08-31	0.02	0.12	0.03	0.02	0.08	0.02	0.02	0.18	0.02

Notes:

Aug 22nd - DAF Polymer addition failure resulting in temporary turbidity spike

UV Treatment:

	Average Flow	Avg Validated Dose	Undosed Flow
Date	(L/s)	(mj/cm2)	(ML)
2026-08-01	403.65	14.93	0.0000
2026-08-02	297.90	18.80	0.0000
2026-08-03	347.63	17.44	0.0000
2026-08-04	336.53	17.78	0.0000
2026-08-05	310.50	19.36	0.0000
2026-08-06	289.07	20.09	0.0000
2026-08-07	353.40	17.54	0.0000
2026-08-08	388.00	16.28	0.0000
2026-08-09	299.73	19.48	0.0000
2026-08-10	336.50	18.13	0.0000
2026-08-11	315.47	18.39	0.0000
2026-08-12	306.27	18.97	0.0000
2026-08-13	286.09	20.18	0.0000
2026-08-14	347.87	15.62	0.0000
2026-08-15	364.14	16.81	0.0000
2026-08-16	296.69	19.23	0.0000
2026-08-17	326.99	18.26	0.0000
2026-08-18	333.78	17.97	0.0000
2026-08-19	300.51	18.08	0.0000
2026-08-20	293.58	19.07	0.0018
2026-08-21	363.65	17.14	0.0000
2026-08-22	334.70	17.97	0.0000
2026-08-23	261.48	20.19	0.0000
2026-08-24	309.24	18.66	0.0000
2026-08-25	279.23	19.33	0.0000
2026-08-26	268.26	19.65	0.0000
2026-08-27	272.86	18.80	0.0000
2026-08-28	294.43	17.04	0.0011
2026-08-29	268.88	17.53	0.0001
2026-08-30	215.44	19.42	0.0001
2026-08-31	292.21	19.71	0.0000

Monthly Total (ML):

0.0032

% of monthly water that was not UV treated:

0.000%

Notes:

UV Transmittance %:

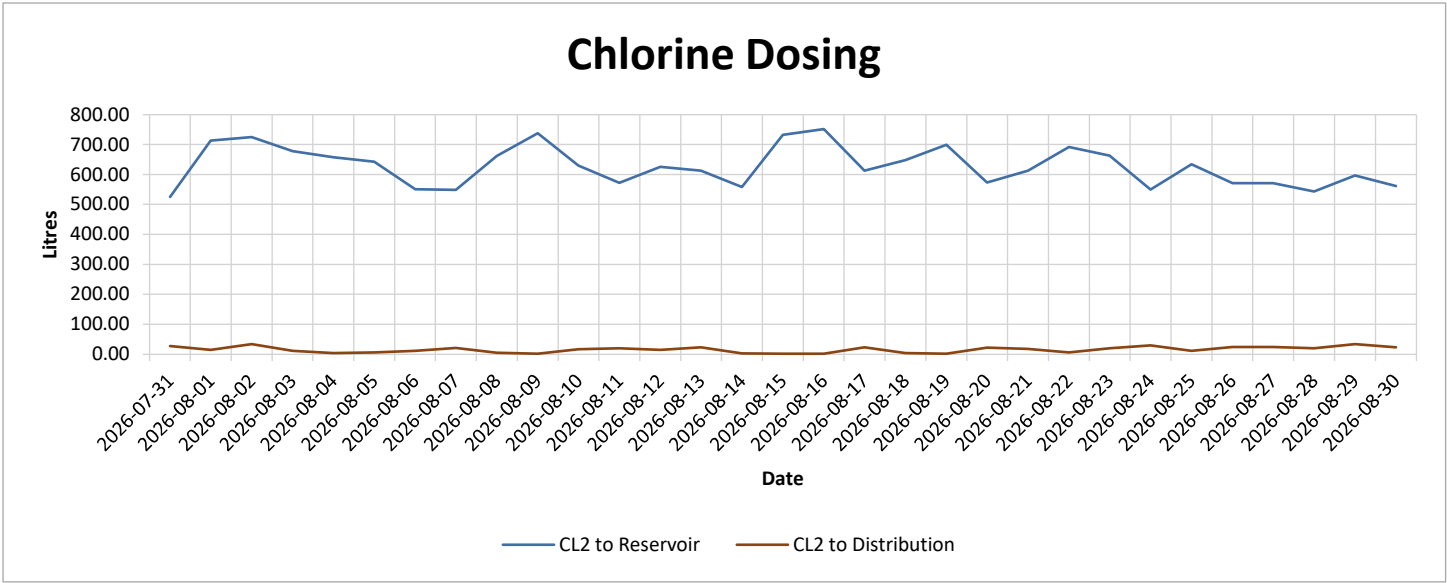
Date	Min	Max	Average
2026-08-01	88.33	90.67	89.28
2026-08-02	86.81	89.89	88.80
2026-08-03	86.40	89.47	88.65
2026-08-04	86.25	90.50	89.07
2026-08-05	87.64	90.18	88.99
2026-08-06	88.33	90.43	89.47
2026-08-07	87.89	92.14	89.29
2026-08-08	87.35	89.77	88.83
2026-08-09	87.91	90.33	88.78
2026-08-10	87.47	89.72	88.68
2026-08-11	85.71	90.38	89.17
2026-08-12	87.47	90.13	88.94
2026-08-13	87.59	89.94	88.80
2026-08-14	87.64	90.13	88.76
2026-08-15	87.35	90.21	88.53
2026-08-16	87.40	89.57	88.33
2026-08-17	86.81	89.57	88.38
2026-08-18	87.42	94.65	88.60
2026-08-19	87.72	89.60	88.74
2026-08-20	86.94	89.04	88.17
2026-08-21	86.76	89.16	88.04
2026-08-22	86.15	89.47	88.23
2026-08-23	87.16	88.67	87.96
2026-08-24	87.03	88.45	87.80
2026-08-25	86.37	88.45	87.83
2026-08-26	86.76	88.94	87.81
2026-08-27	85.96	88.74	87.89
2026-08-28	86.20	88.94	87.89
2026-08-29	86.52	88.50	87.87
2026-08-30	86.69	89.16	87.79
2026-08-31	86.52	88.67	87.89

Notes:

Chemical Demand:

Chlorine Used:

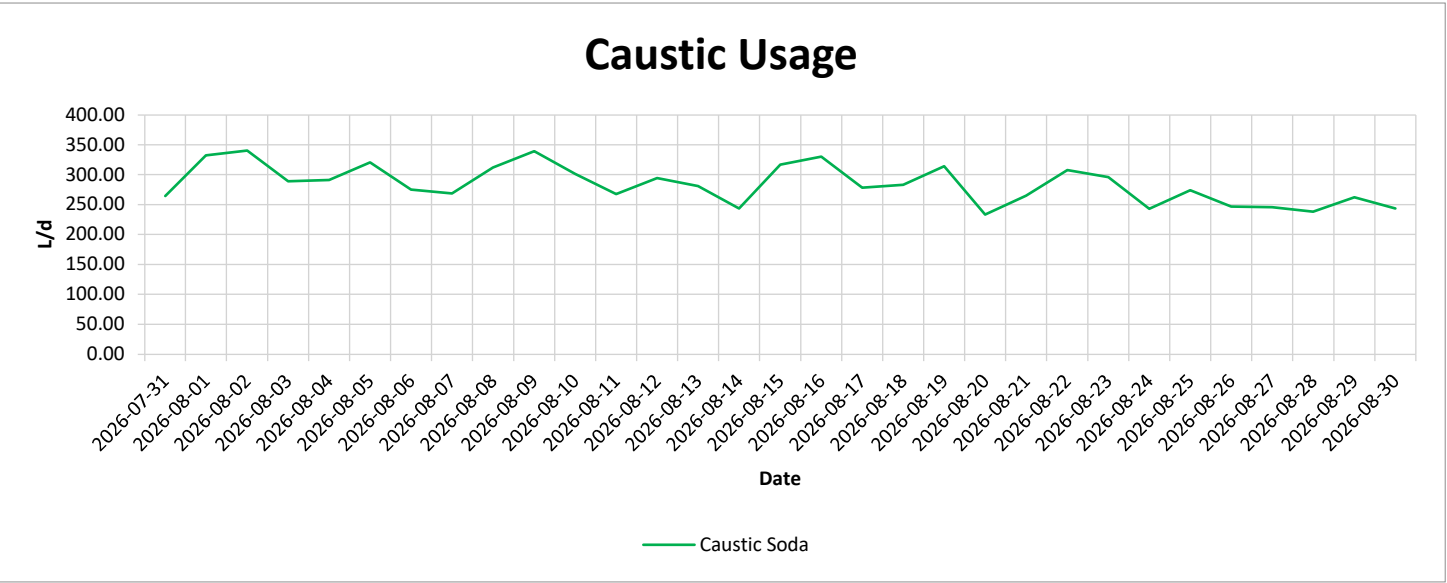
Total for Month
19919.02 Litres



Notes:

Casutic Soda Used:

Total for Month
8795.18 Litres

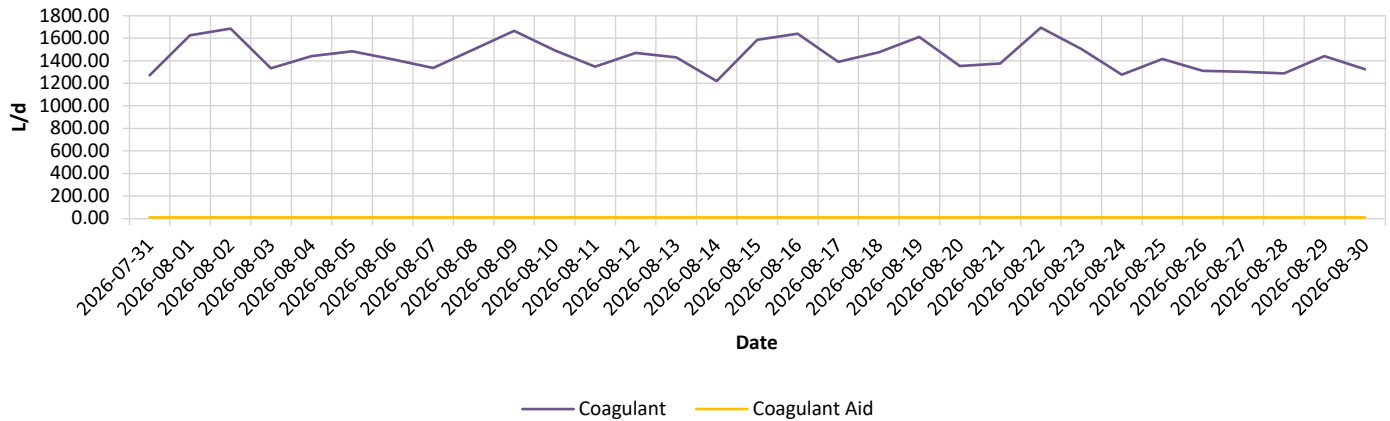


Notes:

Coagulant Used:
Coagulant Aid Used:

Total for Month
44728.32 Litres
295.17 Litres

Coagulant and Aid Usage



Notes:

Polymer @ .2% Concentration:

Total for Month
120540.39 Litres

Polymer @ .5% Concentration:

Total for Month
185457.00 Litres

Chlorine Dose

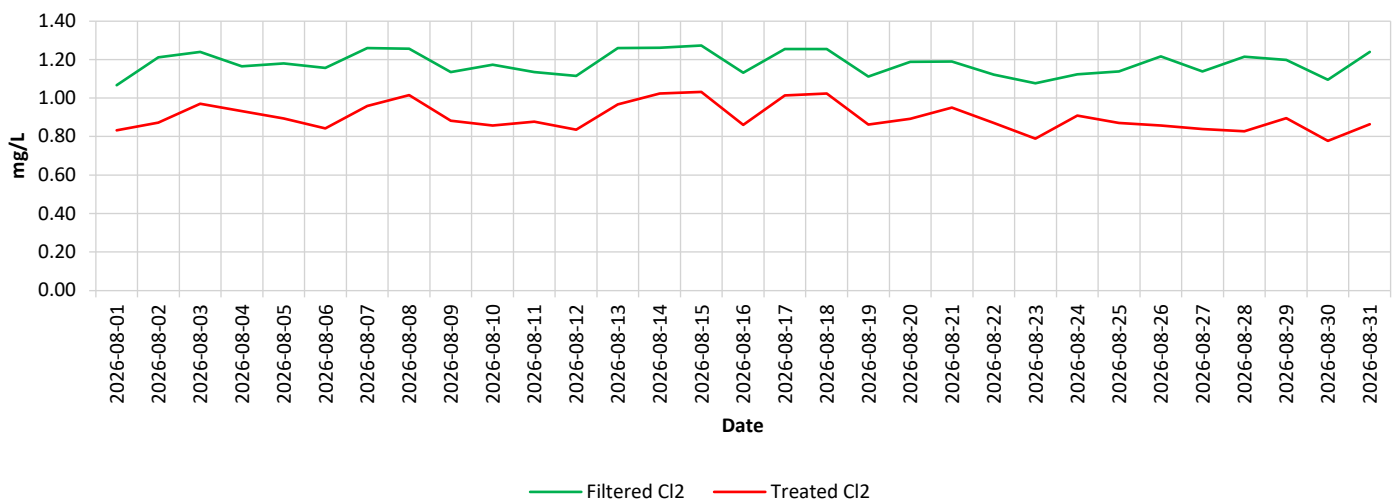
Filtered Water Residual Cl₂ Average (mg/L):

1.18 mg/L

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

0.90 mg/L

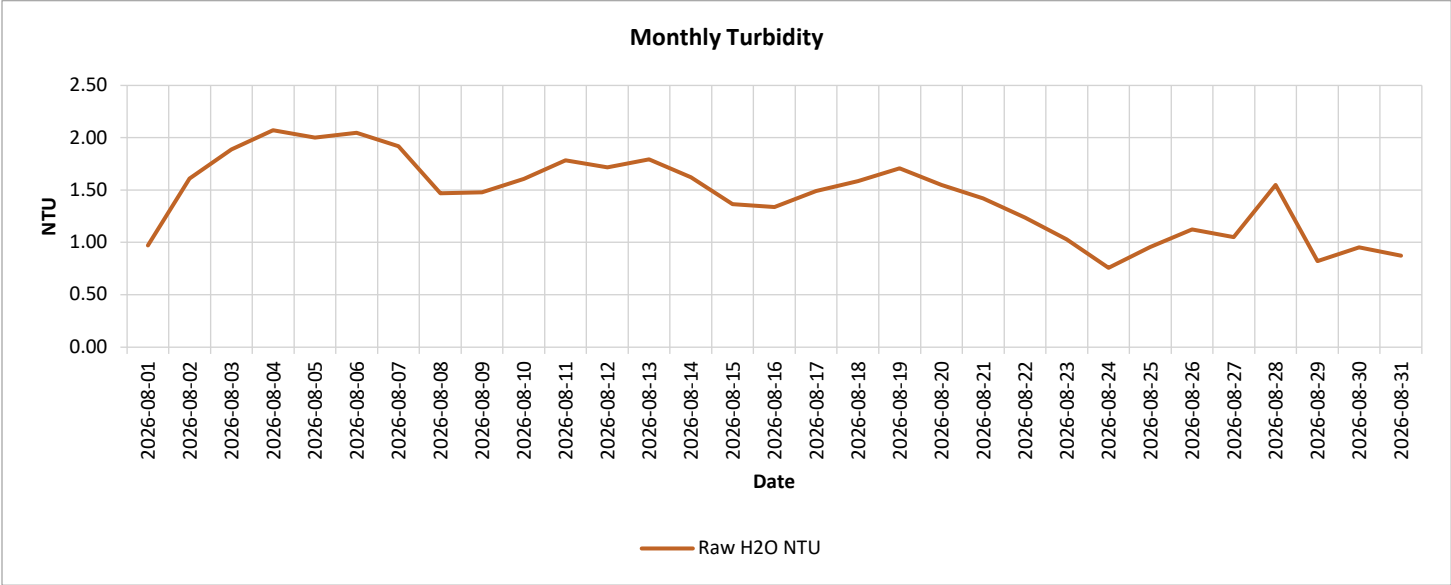
Average Residual Cl₂ Content



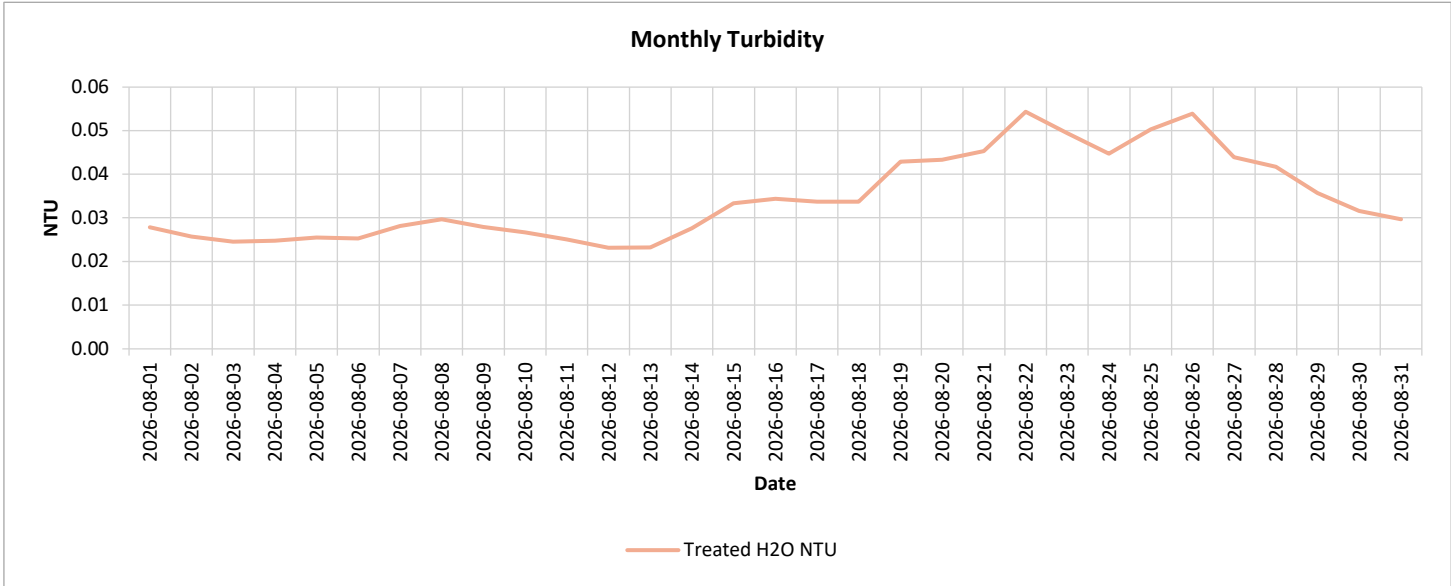
Water Quality Analytics:

Turbidity

Raw Water Monthly Average: 1.44 NTU



Treated Water Monthly Average: 0.03 NTU



Notes:

pH

Raw Water Monthly Average:

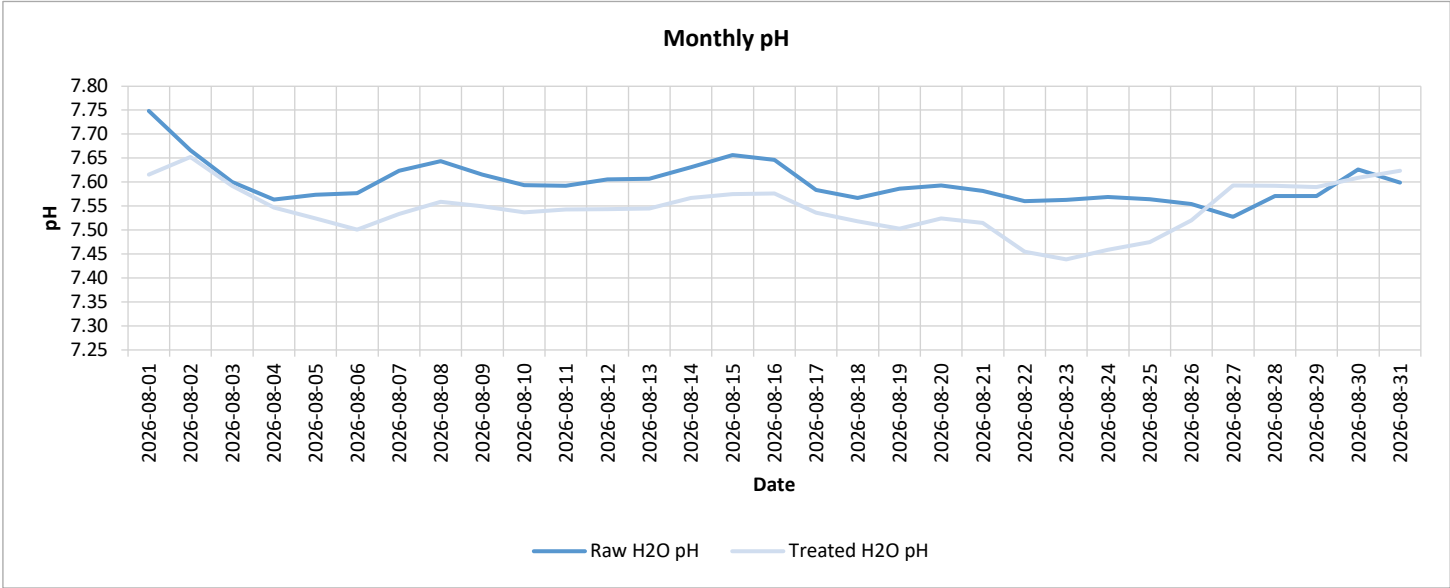
7.60

pH

Treated Water Monthly Average:

7.55

pH



Notes:

Rose Valley WTP Operational Highlights:

August 1st - Powers Failure requiring manual resets
August 4th - Coagulant delivery, New lamp installed on Raw water DOC analyzer, Mechanical fault on DAF 3 skimmer taken out of service for repair
August 6th - Temporary install of treatment plant bypass flange during fire season
August 11th - Sodium hypochlorite dosing pump head replaced, Contractor service of air compressors, Replaced communication cable on Filtered Water vertical turbine pump
August 12th - DAF polymer makedown unit fault on low poly flow requiring cleaning
August 13th - Filter to waste valve pressure regulator on Filter #1 was leaking and replaced with new
August 18th - Sodium Hypochlorite delivery
August 20th - Calibrated DAF polymer dosing pumps
August 21st - CTF 660 contractor replaced electronics and updated firmware now back in service
August 22nd - DAF polymer makedown unit failure resulting in temporary turbidity spike
August 26th - Coagulant Delivery
August 27th - Programming upgrade added to prevent clarified waste recycle pumps from faulting on shutdown, Calibrated all pH analyzers & turbidity analyzers
August 28th - Hypo dosing leak on discharge requiring plant shutdown to repair and put back in service

Rose Valley Watershed Operational Highlights:

Rose Valley

-Aug 11th 595.42m
-Aug 19th 595.46m Completed Piezometers

Bighorn

-Aug 5th Opened to the 5th Notch
-Aug 11th 1354.65m
-Aug 24th Completed Piezometers
-Aug 26th 1353.3m

BCI/Rotork

-Aug 5th Opened Rotork to 35%
-Aug 31st Opened to 37%
Maintained Fish Flow at BCI for the month of Aug

Esperon

-Aug 11th Still flowing to Bighorn
-Aug 19th Flow to Bighorn has stopped

Dam inspections completed weekly

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

August 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 August.
- August Bacteriological sampling summary:
 - 26 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*.
- August 7, 2026 – Upper Boucherie Reservoir back feed to Lower Boucherie Reservoir to promote turnover in the reservoir and increase the FCR.
- August 7, 2026 – Lower Boucherie PS high strength hypo concentration tested, changed to 2.6% on the PLC.
- August 7, 2026 – Menu PS high strength hypo concentration tested, changed to 4.2% on the PLC.
- August 12, 2026 – Menu PS high strength hypo concentration tested, changed to 7.8% on the PLC.
- August 19, 2026 – Menu PS high strength hypo concentration tested, changed to 7.0% on the PLC.
 - Online FCR analyser calibration adjustment of 0.52mg/L decrease.
- August 19, 2026 – Lower Boucherie PS high strength hypo concentration tested, changed to 5.4% on the PLC.

Operational System Improvements/Events

- August 2, 2026 – Shannon Way PS power outage causing SCADA alarms, once BC Hydro had power restored all settings and Utility power was switch back over from the generator.
- August 3, 2026 – Blackwood Reservoir overflow due the malfunction of the back feed valve. The correct configuration was restored and reservoir level confirmed.
- August 12, 2026 – Rosewood Reservoir fencing around top of reservoir was completed.
- August 12, 2026 – Blackwood PS maintenance on station PRV, a new spring installed.
- August 13, 2026 – 850 McCartney Rd service leak repair completed by City staff, two homes affected 840 and 850 McCartney Rd. Positive pressure maintained during repair.
- August 14, 2026 – Lower Boucherie PS hypo dosing lowered to 0.40mg/L after observing higher FCR at Upper Boucherie Reservoir.
- August 16, 2026 – Blackwood Reservoir levels adjusted to keep up with seasonal demand in the area, it was noted that the high flow rate experienced by this station was causing increased turbidity overnight at this station.

- August 25, 2026 – 1089 Kelly Rd service leak repair completed by City staff, two homes affected by repair 1089 and 1095 Kelly Rd. Positive Pressure maintained during repair.
- August 25, 2026 – 1110 Gregory Rd service leak repair completed by City contractor, only one home affected by repair. Positive pressure maintained during repair.
- August 28, 2026 – Auburn Rd service to 2068 Shannon Ridge Dr water main leak. Main was throttled down to control water loss, but positive pressure was maintained during repair, 4 homes were affected with lower pressure during repair. Repair was completed by city staff and city contractors.

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

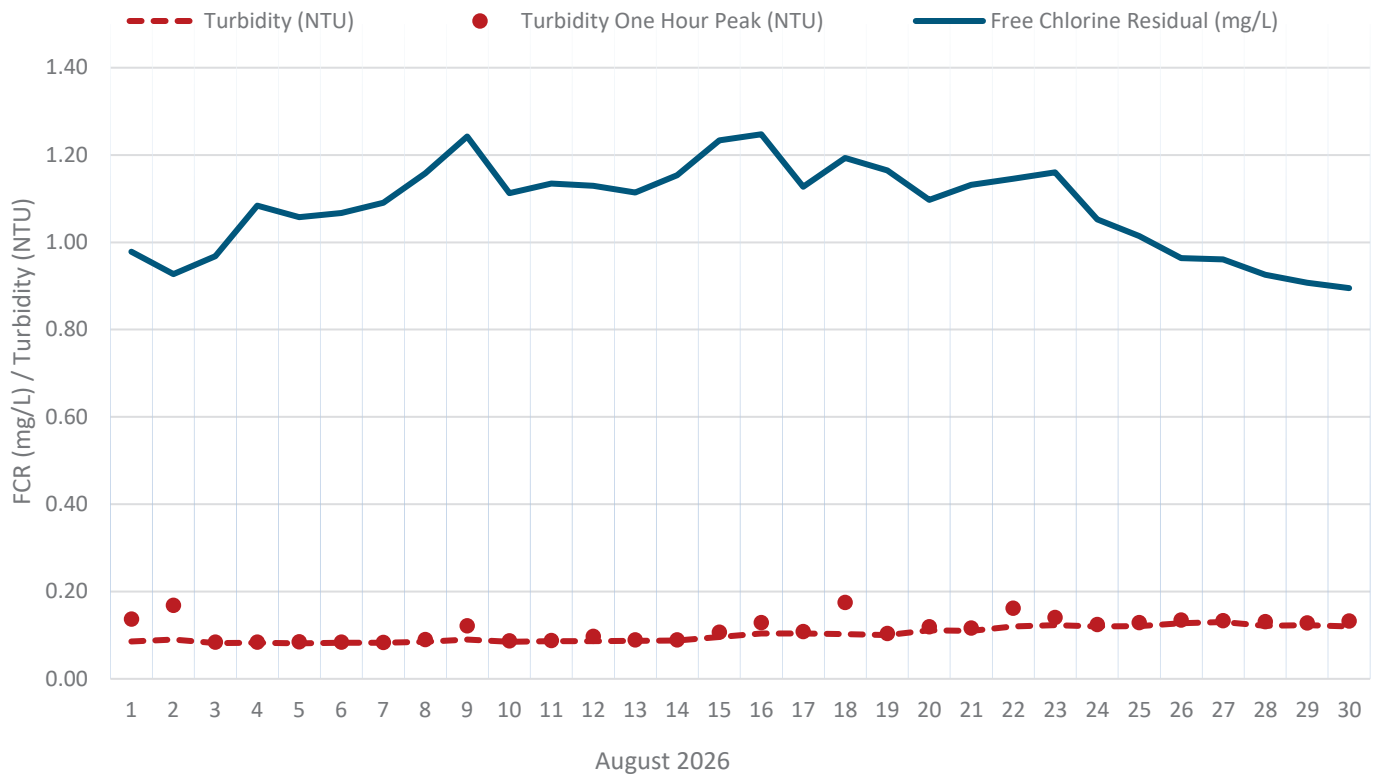
SS= Sample Station

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 (°C)	Avg (pH)	Avg (mV)
Aug 2026								
1	0.09	0.14	0.75	1.18	0.98	18.67	7.66	745
2	0.09	0.17	0.75	1.10	0.93	18.50	7.79	726
3	0.08	0.08	0.88	1.14	0.97	18.39	7.78	739
4	0.08	0.08	0.97	1.23	1.08	18.36	7.74	747
5	0.08	0.09	0.94	1.14	1.06	18.31	7.71	752
6	0.08	0.08	0.97	1.26	1.07	18.33	7.71	752
7	0.08	0.08	0.96	1.26	1.09	18.32	7.70	759
8	0.08	0.09	1.02	1.31	1.16	18.35	7.72	754
9	0.09	0.12	1.02	1.37	1.24	18.40	7.74	752
10	0.08	0.09	0.99	1.23	1.11	18.30	7.72	753
11	0.09	0.09	1.00	1.29	1.13	18.30	7.72	752
12	0.09	0.10	0.96	1.30	1.13	18.39	7.73	755
13	0.09	0.09	0.94	1.27	1.11	18.30	7.73	751
14	0.09	0.09	1.00	1.30	1.15	18.28	7.74	756
15	0.10	0.11	1.04	1.42	1.23	18.42	7.76	740
16	0.10	0.13	1.04	1.44	1.25	18.29	7.76	734
17	0.10	0.11	0.96	1.29	1.13	18.35	7.76	738
18	0.10	0.17	1.06	1.31	1.19	18.52	7.74	748
19	0.10	0.10	1.03	1.27	1.16	18.45	7.73	746
20	0.11	0.12	0.94	1.45	1.10	18.40	7.72	742
21	0.11	0.12	0.99	1.28	1.13	18.43	7.72	747
22	0.12	0.16	1.02	1.29	1.15	18.61	7.72	741
23	0.12	0.14	0.93	1.36	1.16	18.18	7.72	737
24	0.12	0.12	0.90	1.27	1.05	18.13	7.68	745
25	0.12	0.13	0.89	1.14	1.01	18.30	7.68	742
26	0.13	0.13	0.82	1.11	0.96	18.35	7.70	737
27	0.13	0.13	0.84	1.12	0.96	18.25	7.72	744
28	0.12	0.13	0.75	1.13	0.93	18.19	7.71	752
29	0.12	0.13	0.75	1.05	0.91	17.98	7.71	742
30	0.12	0.13	0.76	1.01	0.90	17.74	7.71	749
31	0.12	0.13	0.71	1.02	0.85	17.77	7.72	750
Average	0.10		0.92	1.24	1.07	18.31	7.72	746
Min	0.08		0.71	1.01	0.85	17.74	7.66	726
Max	0.13	0.17	1.06	1.45	1.25	18.67	7.79	759

Rosewood PS Online Data



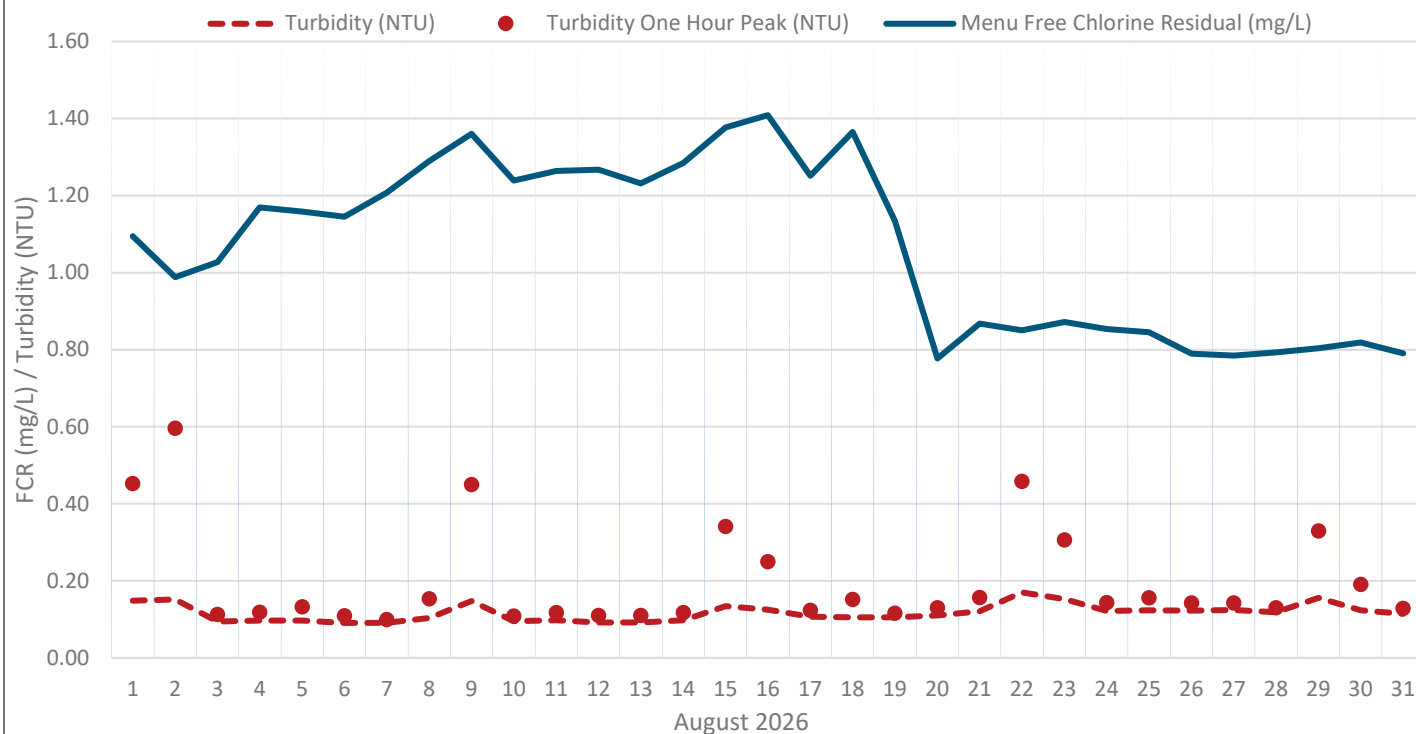
Rosewood PS Water Quality

Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
04-Aug-26	0.18	0.08	18.6	0.87	1.14	7.32
11-Aug-26	0.31	0.09	18.4	0.86	1.21	7.27
18-Aug-26	0.3	0.1	18.6	1.01	1.24	7.16
25-Aug-26	0.16	0.13	18.0	0.95	1.07	7.21
# of Samples	4	4	4	4	4	4
Average	0.24	0.1	18.4	0.92	1.17	7.24
Range	0.16-0.31	0.08-0.13	18.0-18.6	0.86-1.01	1.07-1.24	7.16-7.32

Menu PS

Menu PS Online Data									
Date	Combined Flow Total From RV	Turbidity	Turbidity (Peak 1 Hr)	Temp	pH	ORP	FCR		
	(m ³)	Avg (NTU)	Max Based On 1 Hr Avg	Avg (°C)	Avg (pH)	Avg (mV)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
Aug 2026									
1	6124	0.15	0.45	17.58	7.21	819	0.91	1.24	1.09
2	5772	0.15	0.60	17.36	7.35	803	0.81	1.33	0.99
3	5103	0.09	0.11	17.49	7.37	809	0.90	1.26	1.03
4	6909	0.10	0.12	17.43	7.31	819	1.02	1.27	1.17
5	6206	0.10	0.13	17.39	7.28	822	1.04	1.31	1.16
6	5608	0.09	0.11	17.43	7.27	822	1.00	1.32	1.15
7	5543	0.09	0.10	17.41	7.25	829	1.04	1.40	1.21
8	5992	0.10	0.15	17.40	7.29	826	1.12	1.46	1.29
9	6035	0.15	0.45	17.30	7.31	824	1.19	1.54	1.36
10	5975	0.10	0.11	17.30	7.30	824	1.13	1.40	1.24
11	5934	0.10	0.12	17.26	7.30	823	1.05	1.49	1.26
12	6185	0.09	0.11	17.28	7.30	825	1.03	1.54	1.27
13	6047	0.09	0.11	17.29	7.31	823	1.06	1.42	1.23
14	4482	0.10	0.12	17.26	7.32	826	1.10	1.51	1.28
15	5965	0.13	0.34	17.21	7.35	819	1.15	1.65	1.38
16	6405	0.13	0.25	17.18	7.35	815	1.17	1.65	1.41
17	5097	0.11	0.12	17.26	7.35	813	1.12	1.42	1.25
18	6117	0.11	0.15	17.37	7.34	820	1.20	1.50	1.37
19	5647	0.10	0.12	17.39	7.32	819	0.76	1.50	1.13
20	4552	0.11	0.13	17.40	7.30	816	0.68	0.88	0.78
21	5306	0.12	0.16	17.42	7.33	819	0.74	1.06	0.87
22	5487	0.17	0.46	17.46	7.31	816	0.73	0.96	0.85
23	5210	0.15	0.31	17.25	7.28	815	0.71	1.06	0.87
24	4858	0.12	0.14	17.25	7.27	821	0.74	1.06	0.85
25	5977	0.12	0.16	17.36	7.28	817	0.74	0.98	0.85
26	4918	0.12	0.14	17.46	7.28	814	0.65	0.94	0.79
27	4837	0.12	0.14	17.42	7.30	817	0.66	0.92	0.78
28	4757	0.12	0.13	17.31	7.31	822	0.68	0.93	0.79
29	5033	0.16	0.33	17.14	7.32	820	0.67	1.00	0.80
30	5188	0.12	0.19	17.02	7.31	823	0.66	0.96	0.82
31	4352	0.11	0.13	17.05	7.33	822	0.66	0.98	0.79
Total	165495								
Average	5536	0.12		17.33	7.31	819.42	0.91	1.26	1.07
Min	4352	0.09		17.02	7.21	802.57	0.65	0.88	0.78
Max	6909	0.17	0.60	17.58	7.37	829.17	1.20	1.65	1.41

Menu PS Online Data



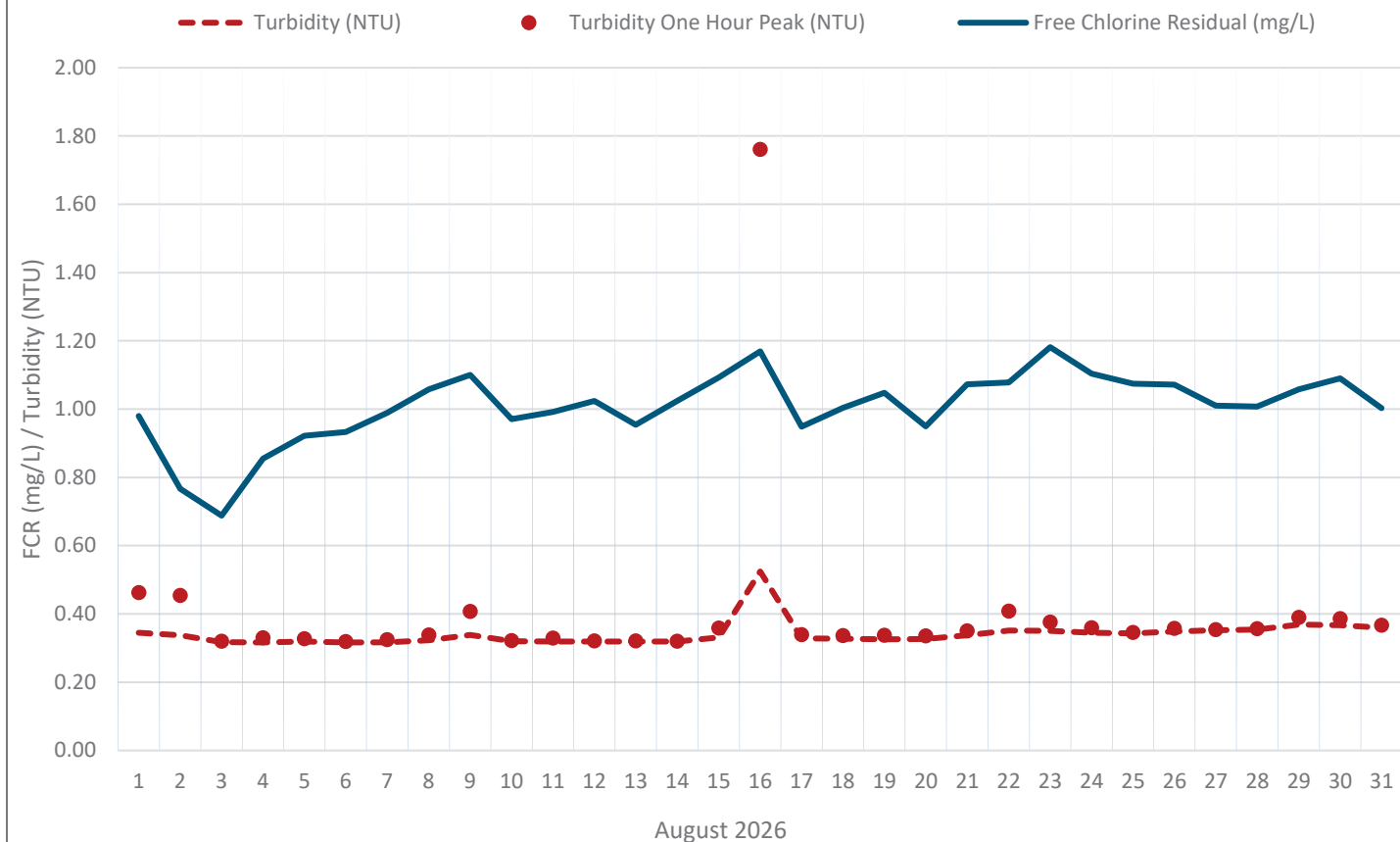
- August 19, 2026 – Menu PS Online FCR analyser calibration adjustment of 0.52mg/L decrease.

Menu PS Water Quality						
Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
04-Aug-26	0.19	0.09	17.2	0.87	1.25	7.30
11-Aug-26	0.09	0.09	17.1	0.85	1.41	7.20
18-Aug-26	0.10	0.10	17.3	0.87	1.39	7.19
25-Aug-26	0.10	0.11	17.0	0.85	0.88	7.14
# of Samples	4	4	4	4	4	4
Average	0.12	0.10	17.2	0.86	1.23	7.21
Range	0.09-0.19	0.09-0.11	17.0-17.3	0.85-0.87	0.88-1.41	7.14-7.3

Blackwood PS

Blackwood Reservoir Online Data									
Date	Turbidity	Turbidity (Peak 1 Hr)	Free Chlorine Residual			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)
Aug 2026									
1	0.35	0.46	0.00	3.31	0.98	18.01	7.69	209.05	860
2	0.34	0.45	0.58	1.17	0.77	17.77	7.79	208.97	847
3	0.32	0.32	0.60	0.91	0.69	18.04	7.85	208.75	846
4	0.32	0.33	0.69	0.97	0.86	17.99	7.77	209.15	857
5	0.32	0.33	0.79	1.11	0.92	17.85	7.74	208.19	866
6	0.32	0.32	0.81	1.13	0.93	17.83	7.71	208.11	861
7	0.32	0.32	0.83	1.17	0.99	17.88	7.69	208.12	872
8	0.32	0.34	0.84	1.25	1.06	17.69	7.73	207.49	870
9	0.34	0.41	0.95	1.29	1.10	17.57	7.75	206.82	868
10	0.32	0.32	0.85	1.07	0.97	17.71	7.74	205.76	867
11	0.32	0.33	0.82	1.19	0.99	17.65	7.73	205.83	863
12	0.32	0.32	0.83	1.28	1.02	17.71	7.73	205.63	870
13	0.32	0.32	0.00	1.16	0.95	17.70	7.73	204.83	865
14	0.32	0.32	0.86	1.17	1.02	17.73	7.74	203.95	869
15	0.33	0.36	0.92	1.29	1.09	17.57	7.77	202.89	864
16	0.52	1.76	0.99	1.40	1.17	17.43	7.78	202.05	858
17	0.33	0.34	0.81	1.08	0.95	17.69	7.77	200.40	855
18	0.33	0.34	0.84	1.12	1.00	17.77	7.76	200.47	862
19	0.33	0.34	0.88	1.21	1.05	17.80	7.74	201.39	862
20	0.33	0.34	0.81	1.07	0.95	17.87	7.72	201.13	858
21	0.34	0.35	0.91	1.34	1.07	17.92	7.74	200.51	870
22	0.35	0.41	0.95	1.27	1.08	17.77	7.74	200.22	856
23	0.35	0.38	0.98	1.45	1.18	17.57	7.70	201.35	854
24	0.35	0.36	0.97	1.35	1.10	17.88	7.68	200.67	863
25	0.34	0.35	0.94	2.33	1.07	17.92	7.68	200.03	852
26	0.35	0.36	0.88	1.26	1.07	17.90	7.69	199.39	849
27	0.35	0.35	0.90	1.18	1.01	17.78	7.70	199.39	849
28	0.35	0.36	0.86	1.20	1.01	17.91	7.71	198.67	857
29	0.37	0.39	0.85	1.39	1.06	17.70	7.71	199.15	858
30	0.37	0.39	0.88	1.28	1.09	17.62	7.70	197.59	858
31	0.36	0.37	0.87	1.15	1.00	17.74	7.70	197.16	848
Average	0.34		0.80	1.31	1.01	17.77	7.73	203.33	860
Min	0.32		0.00	0.91	0.69	17.43	7.68	197.16	846
Max	0.52	1.76	0.99	3.31	1.18	18.04	7.85	209.15	872

Blackwood Reservoir Online Data



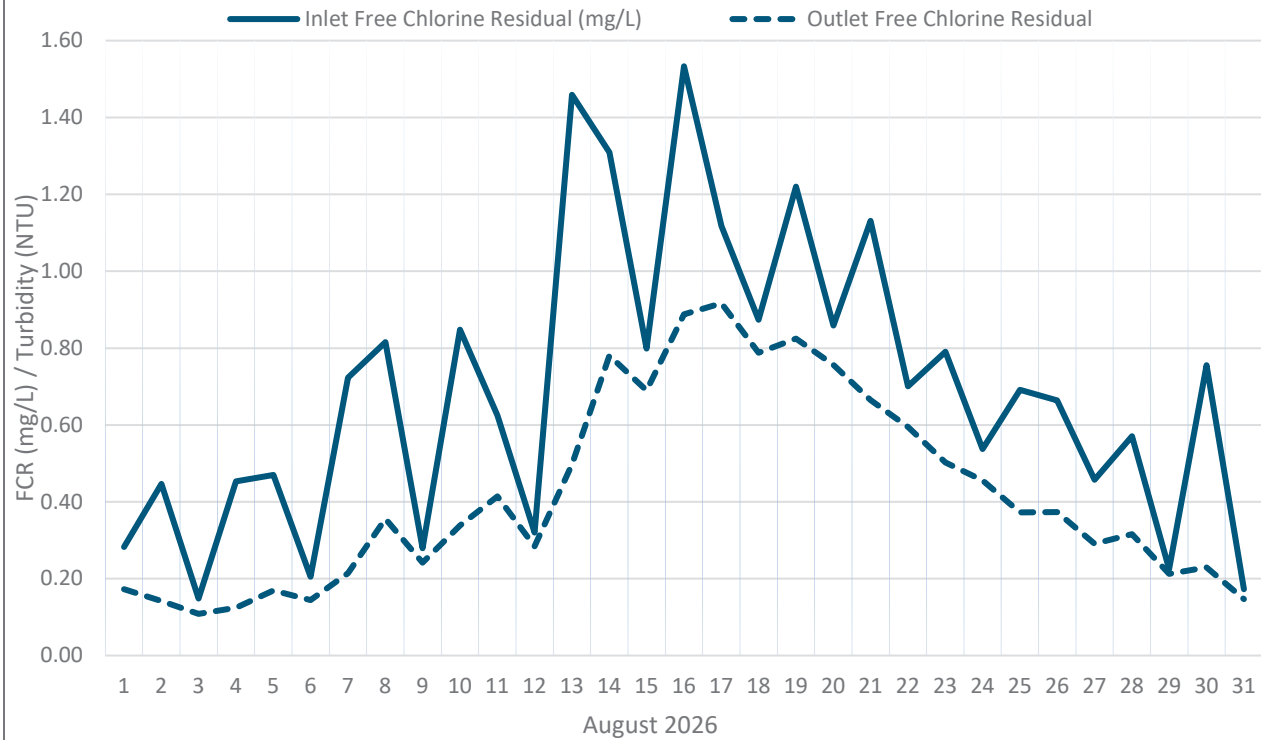
Blackwood PS Outlet Water Quality

Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
04-Aug-26	0.16	0.16	18.7	0.56	0.33	7.25
11-Aug-26	0.08	0.32	17.3	0.84	1.13	7.21
18-Aug-26	0.18	0.33	17.4	0.80	1.08	7.13
25-Aug-26	0.10	0.34	18.0	0.77	1.17	7.16
# of Samples	4	4	4	4	4	4
Average	0.13	0.29	17.85	0.74	0.93	7.19
Range	0.08-0.18	0.16-0.34	17.3-18.7	0.56-0.84	0.33-1.17	7.13-7.25

Upper Boucherie Outlet

Upper Boucherie Reservoir Online Data								
Date	Temp	pH	Upper Boucherie Inlet FCR			Upper Boucherie Outlet FCR		
	Avg (°C)	Avg (pH)	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
Aug 2026								
1	19.71	7.57	0.14	0.71	0.28	0.12	0.21	0.17
2	19.03	7.59	0.10	1.04	0.45	0.08	0.32	0.14
3	19.33	7.60	0.07	0.32	0.15	0.07	0.15	0.11
4	19.21	7.60	0.05	1.36	0.45	0.05	0.38	0.12
5	19.17	7.60	0.10	1.30	0.47	0.08	0.51	0.17
6	19.58	7.60	0.10	0.49	0.20	0.09	0.20	0.14
7	19.25	7.59	0.05	2.03	0.72	0.04	0.91	0.21
8	19.68	7.58	0.38	2.01	0.82	0.30	0.38	0.36
9	19.78	7.60	0.20	0.38	0.28	0.18	0.30	0.24
10	19.21	7.59	0.15	1.94	0.85	0.14	1.08	0.34
11	19.68	7.59	0.41	1.22	0.63	0.34	0.46	0.41
12	19.86	7.60	0.24	0.41	0.32	0.22	0.34	0.28
13	19.27	7.61	0.18	3.07	1.46	0.18	1.67	0.50
14	19.77	7.61	0.89	2.91	1.31	0.73	0.80	0.78
15	19.94	7.61	0.72	0.90	0.80	0.63	0.74	0.69
16	19.19	7.62	0.66	2.53	1.53	0.58	1.73	0.89
17	19.86	7.62	0.96	1.49	1.12	0.84	0.98	0.92
18	20.17	7.62	0.79	0.96	0.87	0.58	0.84	0.79
19	19.45	7.58	0.57	2.48	1.22	0.62	1.29	0.82
20	20.13	7.60	0.76	1.02	0.86	0.68	0.81	0.76
21	19.66	7.57	0.63	1.79	1.13	0.56	0.91	0.66
22	20.27	7.59	0.59	0.94	0.70	0.53	0.65	0.59
23	19.40	7.56	0.49	1.37	0.79	0.42	0.62	0.50
24	19.78	7.58	0.44	0.78	0.54	0.40	0.49	0.46
25	19.66	7.56	0.34	1.63	0.69	0.28	0.52	0.37
26	20.06	7.55	0.37	1.57	0.66	0.32	0.40	0.37
27	19.81	7.56	0.25	1.55	0.46	0.23	0.51	0.29
28	19.62	7.55	0.30	1.02	0.57	0.21	0.52	0.32
29	19.69	7.57	0.16	0.30	0.22	0.16	0.26	0.21
30	18.81	7.54	0.15	1.69	0.76	0.14	0.47	0.23
31	19.35	7.58	0.10	0.27	0.17	0.10	0.19	0.15
Average	19.59	7.59	0.37	1.34	0.69	0.32	0.63	0.42
Min	18.81	7.54	0.05	0.27	0.15	0.04	0.15	0.11
Max	20.27	7.62	0.96	3.07	1.53	0.84	1.73	0.92

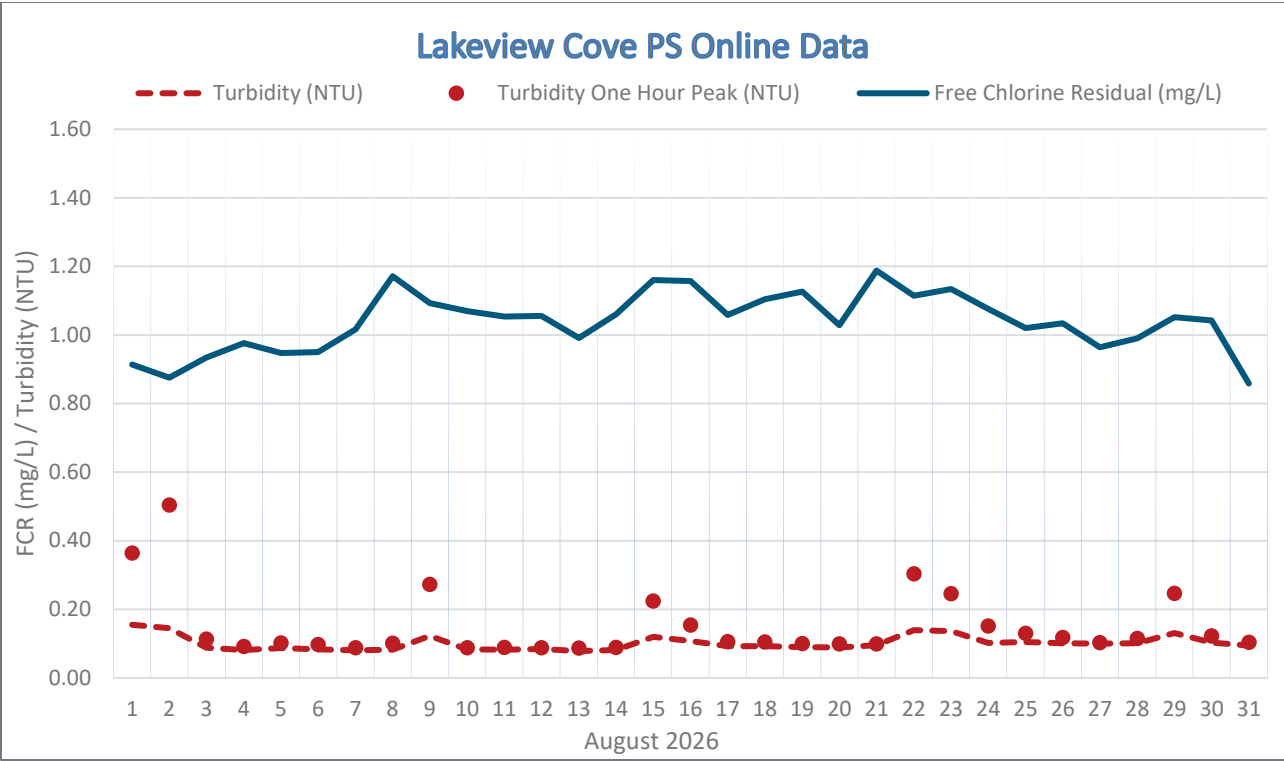
Upper Boucherie Reservoir Online Data



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

Lakeview Cove PS

Lakeview Cove 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)
Aug 2026						
1	0.15	0.36	0.61	1.34	0.91	18.14
2	0.14	0.50	0.58	1.17	0.88	17.83
3	0.09	0.11	0.57	1.28	0.93	17.96
4	0.08	0.09	0.71	1.28	0.98	17.95
5	0.09	0.10	0.65	1.26	0.95	17.87
6	0.08	0.10	0.63	1.32	0.95	17.88
7	0.08	0.09	0.64	1.33	1.02	17.79
8	0.08	0.10	0.87	1.40	1.17	17.73
9	0.12	0.27	0.76	1.35	1.09	17.81
10	0.08	0.09	0.79	1.35	1.07	17.83
11	0.08	0.09	0.71	1.43	1.05	17.79
12	0.08	0.09	0.70	1.44	1.06	17.85
13	0.08	0.09	0.67	1.38	0.99	17.89
14	0.08	0.09	0.68	1.32	1.06	17.89
15	0.12	0.22	0.77	1.57	1.16	17.67
16	0.11	0.15	0.87	1.49	1.16	17.63
17	0.09	0.11	0.74	1.37	1.06	17.87
18	0.09	0.10	0.73	1.45	1.10	17.80
19	0.09	0.10	0.80	1.53	1.13	17.92
20	0.09	0.10	0.77	1.34	1.03	17.94
21	0.09	0.10	0.71	1.56	1.19	18.06
22	0.14	0.30	0.73	1.53	1.11	17.93
23	0.14	0.25	0.71	1.46	1.13	17.87
24	0.10	0.15	0.72	1.50	1.08	18.02
25	0.10	0.13	0.81	1.23	1.02	17.92
26	0.10	0.12	0.74	1.37	1.03	18.02
27	0.10	0.10	0.68	1.21	0.96	18.05
28	0.10	0.12	0.69	1.33	0.99	18.04
29	0.13	0.25	0.71	1.34	1.05	17.81
30	0.10	0.12	0.66	1.31	1.04	17.73
31	0.09	0.10	0.67	1.21	0.86	17.75
Average	0.10		0.71	1.37	1.04	17.88
Min	0.08		0.57	1.17	0.86	17.63
Max	0.15	0.50	0.87	1.57	1.19	18.14



WQ Field Data

Thacker SS

Thacker SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
04-Aug-26	0.13	19.1	0.60	7.30
11-Aug-26	0.24	18.8	0.73	7.22
18-Aug-26	0.16	19.2	0.71	7.16
25-Aug-26	0.12	19.0	0.73	7.21
# of Samples	4	4	4	4
Average	0.16	19.0	0.69	7.22
Range	0.12-0.24	18.8-19.2	0.6-0.73	7.16-7.3

Shannon Way SS

Shannon Way SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
04-Aug-26	0.18	19.3	0.54	7.36
11-Aug-26	0.17	23.8	0.63	7.20
18-Aug-26	0.14	19.0	0.73	7.45
25-Aug-26	0.17	18.0	0.64	7.17
# of Samples	4	4	4	4
Average	0.17	20.0	0.64	7.30
Range	0.14-0.18	18.0-23.8	0.54-0.73	7.17-7.45

Lower Horizon SS

Lower Horizon SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
04-Aug-26	0.07	19.8	0.42	7.33
11-Aug-26	0.14	19.2	0.48	7.20
18-Aug-26	0.14	19.8	0.46	7.15
25-Aug-26	0.12	20.0	0.43	7.21
# of Samples	4	4	4	4
Average	0.12	19.7	0.45	7.22
Range	0.07-0.14	19.2-20	0.42-0.48	7.15-7.33

Pritchard SS

Pritchard SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
04-Aug-26	0.14	20.7	0.73	7.33
11-Aug-26	0.12	21.7	0.99	7.26
18-Aug-26	0.14	21.0	0.77	7.48
25-Aug-26	0.16	21.0	0.83	7.25
# of Samples	4	4	4	4
Average	0.14	21.1	0.83	7.33
Range	0.12-0.16	20.7-21.7	0.73-0.99	7.25-7.48

Vineyard View SS

Vineyard View SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
04-Aug-26	0.19	22.1	0.21	7.47
11-Aug-26	0.21	22.2	0.29	7.23
18-Aug-26	0.17	20.7	0.28	7.23
25-Aug-26	0.10	21.0	0.28	7.09
# of Samples	4	4	4	4
Average	0.17	21.5	0.27	7.26
Range	0.10-0.21	20.7-22.2	0.21-0.29	7.09-7.47

Disinfection Byproducts

Rose Valley Distribution System - THM Results (mg/L) MAC=0.10mg/L

Date	Rosewood PS	Thacker SS	Shannon Way SS	Menu Rd PS	Pritchard SS	Vineyard View SS	Lower Horizon SS	Blackwood PS
19-Aug-25	0.0408	0.0567	0.082	0.0517	0.0732	0.0505	0.0467	0.094
25-Nov-25	0.0598	0.074	0.0747	0.0713	0.0965	0.0946	0.0748	0.0781
17-Feb-26	0.0709	0.0828	0.0864	0.0784	0.103	0.1	0.0894	0.0869
12-May-26	0.0353	0.0425	0.0442	0.0409	0.051	0.057	0.0483	0.0413
18-Aug-26	0.0585	0.0635	0.0684	0.0594	0.0948	0.0994	0.087	0.0734
Average	0.0531	0.0639	0.0711	0.0603	0.0837	0.0803	0.0692	0.0747

Rose Valley Distribution System - HAA5 Results (mg/L) MAC=0.08mg/L

Date	Rosewood PS	Thacker SS	Shannon Way SS	Menu Rd PS	Pritchard SS	Vineyard View SS	Lower Horizon SS	Blackwood PS
19-Aug-25	0.0333	0.0375	0.0388	0.0386	0.0256	0.0273	0.0462	0.0387
25-Nov-25	0.033	0.0371	0.0417	0.0384	0.0333	0.0328	0.0422	0.0402
17-Feb-26	0.0347	0.0359	0.0364	0.0348	0.033	0.0533	0.0387	0.038
12-May-26	0.0247	0.0301	0.03	0.0262	0.0335	0.0356	0.0344	0.0288
18-Aug-26	0.0335	0.0384	0.0411	0.0363	0.0458	0.027	0.0478	0.0403
Average	0.0318	0.0358	0.0376	0.0349	0.0342	0.0352	0.0419	0.0372

Manganese

Rose Valley Water Service Area - Manganese Results (mg/L)

Location	25-Nov-25	17-Feb-26	12-May-26	18-Aug-26	Average	Range	# of Samples
Rosewood	0.0005	0.0023	0.0064	0.026	0.0088	0.0005-0.0260	4
Thacker	0.0004	0.001	0.0052	0.0024	0.0023	0.0004-0.0052	4
Shannon Way	0.0011	0.0013	0.0042	0.0021	0.0022	0.0011-0.0042	4
Menu	0.0004	0.0014	0.0030	0.0024	0.0018	0.0004-0.0030	4
Pritchard	0.0004	0.0016	0.0016	0.0025	0.0015	0.0004-0.0025	4
Vineyard View	0.0005	0.0013	0.0022	0.0025	0.0016	0.0005-0.0025	4
Lower Horizon / Horizon	0.0006	0.0013	0.0029	0.0040	0.0022	0.0006-0.0040	4
Blackwood	0.0010	0.0016	0.0060	0.0020	0.0027	0.0010-0.0060	4

*MAC=0.12mg/L & AO=0.02mg/L

- Rosewood PS August 18th result has been noted as above the aesthetic objective but is below the maximum acceptable concentration (MAC). The treatment plant noted a similar increase in manganese and adjusted dosing concentration of sodium permanganate accordingly.