

CITY OF WEST KELOWNA

Monthly Water Quality Report



Rose Valley Water Service Area

September 2025

WATER SUPPLY AND TREATMENT





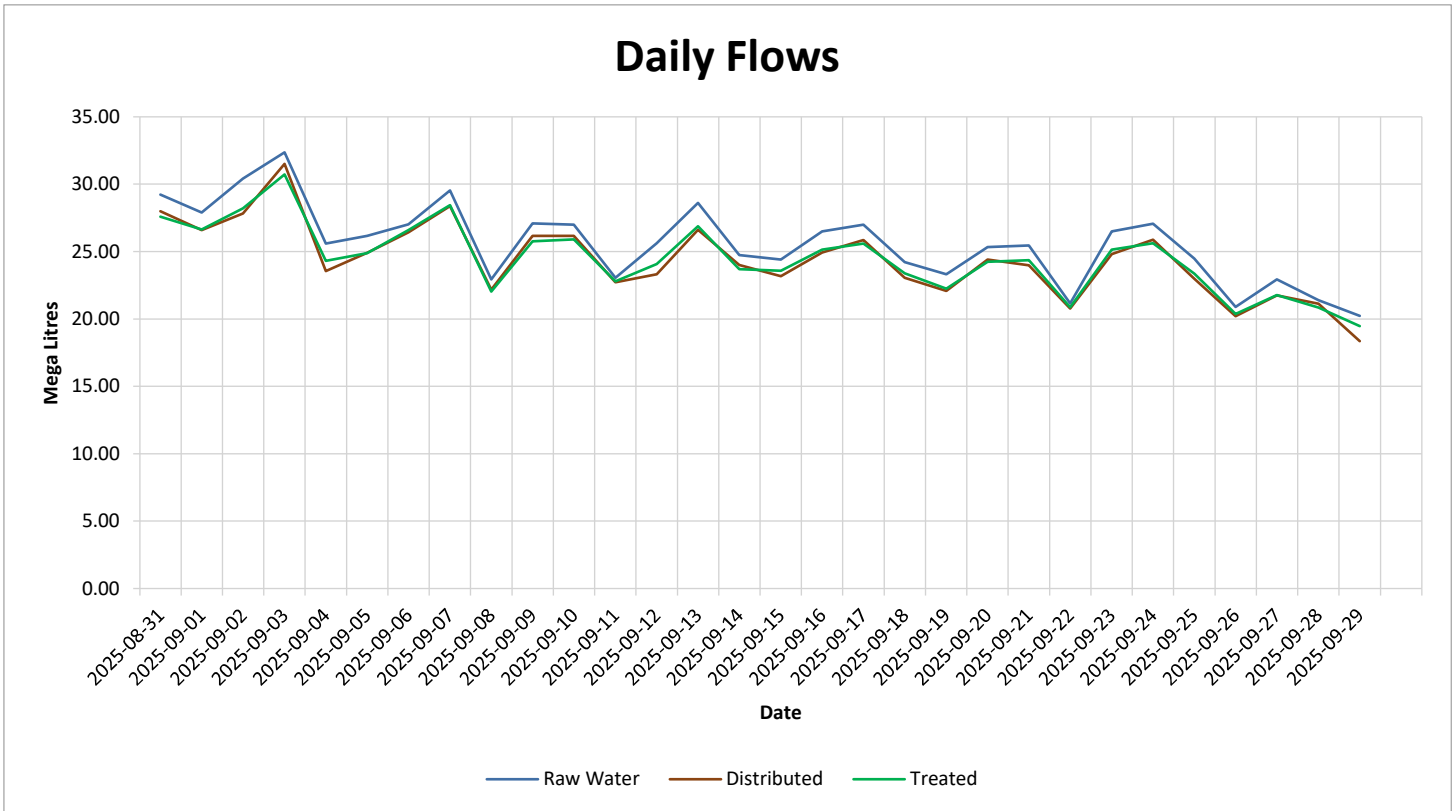
Rose Valley Water Treatment Plant Monthly Water Quality Summary

2025-10-03

September, 2025

Flow Demand:

	Total for Month	
Raw Processed Water:	768.13	ML
Treated Water :	734.53	ML
Distributed Water :	731.69	ML
Backwash Water :	41.63546	ML



Notes:

Raw Water Specifications:

Date	Raw Turbidity (NTU)			Raw pH		
	Min	Max	Average	Min	Max	Average
2025-09-01	1.26	808.27	1.63	7.54	7.67	7.61
2025-09-02	0.99	56.18	1.55	7.56	7.74	7.64
2025-09-03	1.25	16.59	1.53	7.47	7.64	7.58
2025-09-04	1.19	71.31	1.45	7.45	7.63	7.57
2025-09-05	1.25	34.37	1.41	7.52	7.82	7.71
2025-09-06	1.17	32.12	1.58	7.42	7.77	7.65
2025-09-07	1.61	57.59	2.10	7.47	7.67	7.59
2025-09-08	2.24	74.19	2.74	7.51	7.70	7.61
2025-09-09	1.10	115.66	2.26	7.37	7.61	7.54
2025-09-10	1.39	37.59	1.82	7.41	7.61	7.53
2025-09-11	1.02	33.32	1.44	7.46	7.58	7.52
2025-09-12	1.03	109.91	1.69	7.41	7.54	7.49
2025-09-13	1.31	101.65	1.82	7.42	7.54	7.47
2025-09-14	0.72	44.45	1.70	7.42	7.53	7.49
2025-09-15	0.81	47.90	1.30	7.44	7.76	7.62
2025-09-16	1.50	34.60	1.90	7.65	7.79	7.70
2025-09-17	2.03	115.09	2.36	7.66	7.74	7.70
2025-09-18	1.54	33.35	2.15	7.66	7.79	7.73
2025-09-19	1.43	17.44	1.75	7.66	7.75	7.70
2025-09-20	1.43	42.91	1.76	7.62	7.72	7.67
2025-09-21	1.67	34.44	2.13	7.63	7.76	7.68
2025-09-22	0.05	9999.00	3.68	7.54	7.82	7.67
2025-09-23	2.04	9999.00	6.13	7.61	7.78	7.67
2025-09-24	1.16	51.99	2.31	7.63	7.74	7.68
2025-09-25	1.60	24.52	1.94	7.57	7.73	7.67
2025-09-26	1.80	12.50	2.07	7.65	7.70	7.68
2025-09-27	2.16	238.48	2.41	7.53	7.74	7.67
2025-09-28	2.26	30.69	2.77	7.62	7.84	7.72
2025-09-29	0.00	32.59	3.38	7.37	7.77	7.66
2025-09-30	0.00	17.34	3.63	7.62	7.67	7.65

Notes:

Monthly Max NTU's higher due to organic matter coming into the plant averages reflect more of the typical NTU's seen throughout the day. Very sporadic through the month seeing spikes for less then 10 seconds at a time.

Raw Water Specifications (Continued):

Date	Raw Temp (°C)			Raw DOC (mg/L)		
	Min	Max	Average	Min	Max	Average
2025-09-01	21.01	21.12	21.05	0.00	0.00	0.00
2025-09-02	21.00	21.21	21.09	0.00	0.00	0.00
2025-09-03	21.04	21.30	21.13	0.00	0.00	0.00
2025-09-04	21.00	21.18	21.10	0.00	0.00	0.00
2025-09-05	20.82	22.66	21.29	0.00	0.00	0.00
2025-09-06	20.54	22.56	21.28	0.00	0.00	0.00
2025-09-07	20.74	22.39	21.25	0.00	0.00	0.00
2025-09-08	20.20	20.98	20.61	0.00	0.00	0.00
2025-09-09	20.54	22.31	20.98	0.00	0.00	0.00
2025-09-10	19.22	20.60	20.24	0.00	0.00	0.00
2025-09-11	20.40	20.60	20.46	0.00	0.00	0.00
2025-09-12	20.34	20.49	20.41	0.00	0.00	0.00
2025-09-13	20.18	20.47	20.32	0.00	0.00	0.00
2025-09-14	20.02	20.49	20.30	0.00	0.00	0.00
2025-09-15	18.97	25.34	20.19	0.00	0.00	0.00
2025-09-16	20.05	20.30	20.16	0.00	0.00	0.00
2025-09-17	19.99	20.40	20.14	0.00	0.00	0.00
2025-09-18	19.99	20.51	20.14	0.00	0.00	0.00
2025-09-19	19.79	20.23	20.00	0.00	0.00	0.00
2025-09-20	19.69	20.00	19.86	0.00	0.00	0.00
2025-09-21	19.59	20.35	19.76	0.00	0.00	0.00
2025-09-22	17.92	19.59	19.42	0.00	0.00	0.00
2025-09-23	17.56	19.57	19.15	0.00	0.00	0.00
2025-09-24	18.85	19.77	19.11	0.00	0.00	0.00
2025-09-25	18.07	18.99	18.67	0.00	0.00	0.00
2025-09-26	18.22	18.61	18.45	???	???	0.00
2025-09-27	17.99	19.12	18.17	???	???	0.00
2025-09-28	16.38	18.68	17.82	???	???	0.00
2025-09-29	17.27	17.72	17.57	???	???	0.00
2025-09-30	17.42	17.62	17.50	???	???	0.00

Notes:

Raw DOC not functioning well with the addition of NaMnO₄ at the Dam; Relocated to the Dam building on September 26th and waiting for install to complete before historizing data can continue.

Raw Water Specifications (Continued):

Date	Raw Cond R ($\mu\text{S}/\text{cm}$)			Streaming Current		
	Min	Max	Average	Min	Max	Average
2025-09-01	197.32	201.65	199.62	-193.53	36.02	3.33
2025-09-02	197.21	200.84	199.15	-44.32	53.85	3.80
2025-09-03	198.01	201.56	199.90	-54.33	42.37	-1.09
2025-09-04	199.01	202.41	200.70	-270.94	127.84	4.29
2025-09-05	198.73	202.11	200.46	-65.32	33.58	-11.45
2025-09-06	199.00	202.11	200.55	-104.40	30.65	-26.12
2025-09-07	198.85	202.34	200.70	-101.47	28.69	-28.63
2025-09-08	199.24	202.37	200.85	-92.92	25.03	-16.74
2025-09-09	116.64	211.59	197.88	-319.29	91.94	-40.27
2025-09-10	192.36	198.82	195.24	-293.89	28.69	-22.75
2025-09-11	185.57	195.78	190.95	-71.67	26.98	-16.15
2025-09-12	185.12	189.89	187.20	-228.21	46.28	-9.41
2025-09-13	184.66	188.46	186.48	-38.22	47.50	8.26
2025-09-14	184.63	188.42	186.53	-279.00	175.70	-30.00
2025-09-15	184.60	189.02	186.60	-62.15	52.63	2.88
2025-09-16	184.30	189.34	186.60	-203.05	49.69	13.98
2025-09-17	185.77	189.87	187.73	-94.87	66.06	7.36
2025-09-18	187.69	191.29	189.36	-217.46	115.38	-6.19
2025-09-19	187.51	193.46	190.19	-85.84	110.99	0.78
2025-09-20	186.93	193.85	190.11	-134.43	58.24	19.68
2025-09-21	188.68	193.20	190.41	-1.34	128.08	27.37
2025-09-22	119.98	198.14	147.66	-7.94	54.58	21.43
2025-09-23	122.01	192.95	158.95	-56.29	50.43	8.39
2025-09-24	120.30	197.36	147.81	-253.11	275.34	11.68
2025-09-25	123.79	143.41	131.45	-279.00	91.21	23.85
2025-09-26	125.56	190.31	155.83	-23.81	46.76	10.49
2025-09-27	174.98	197.60	194.34	-23.57	55.80	10.74
2025-09-28	124.74	197.91	160.70	-301.22	230.16	-12.80
2025-09-29	123.54	177.64	136.26	-244.08	91.21	24.61
2025-09-30	124.70	197.59	168.22	-84.62	131.50	13.82

Notes:

Raw Water Specifications (Continued):

Date	Coagulated pH			Coagulated Temp (°C)		
	Min	Max	Average	Min	Max	Average
2025-09-01	7.34	7.47	7.39	20.90	21.10	20.95
2025-09-02	7.35	7.46	7.40	20.90	21.04	20.98
2025-09-03	7.24	7.40	7.34	20.28	21.04	20.76
2025-09-04	7.22	7.36	7.32	20.15	20.96	20.58
2025-09-05	7.33	7.58	7.42	19.80	21.08	20.39
2025-09-06	7.48	7.65	7.56	20.80	20.97	20.89
2025-09-07	7.30	7.59	7.48	20.45	20.89	20.70
2025-09-08	7.26	7.29	7.28	20.13	20.59	20.39
2025-09-09	7.19	7.73	7.34	19.97	20.65	20.45
2025-09-10	7.31	7.75	7.37	20.39	20.60	20.46
2025-09-11	7.30	7.43	7.36	20.31	20.55	20.39
2025-09-12	7.26	7.55	7.34	20.26	20.43	20.34
2025-09-13	7.28	7.34	7.31	20.07	20.36	20.24
2025-09-14	7.08	7.60	7.36	19.96	20.38	20.22
2025-09-15	7.31	7.50	7.41	19.80	22.64	20.06
2025-09-16	7.37	7.51	7.42	19.84	20.05	19.95
2025-09-17	7.34	7.50	7.40	19.62	20.21	19.99
2025-09-18	7.27	7.47	7.36	19.81	20.11	19.98
2025-09-19	7.34	7.40	7.37	19.41	20.00	19.75
2025-09-20	7.26	7.34	7.29	19.45	20.06	19.78
2025-09-21	7.24	7.28	7.25	19.51	20.02	19.81
2025-09-22	7.21	7.27	7.24	19.21	19.60	19.42
2025-09-23	7.19	7.21	7.20	19.12	19.54	19.38
2025-09-24	6.66	7.49	7.26	18.84	19.48	19.08
2025-09-25	7.26	7.37	7.31	18.31	19.27	18.99
2025-09-26	7.27	7.30	7.29	18.09	18.36	18.23
2025-09-27	7.24	7.27	7.26	18.13	18.27	18.19
2025-09-28	7.24	7.70	7.32	17.67	18.66	18.20
2025-09-29	7.31	7.46	7.37	17.59	18.44	17.97
2025-09-30	7.35	7.42	7.39	17.52	18.18	17.70

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
2025-09-01	204.60	206.29	205.27	2.88	4.02	3.58
2025-09-02	16.80	206.06	204.65	3.13	4.60	3.85
2025-09-03	15.19	206.69	204.93	2.38	3.98	3.43
2025-09-04	204.89	206.82	205.67	2.02	3.69	3.17
2025-09-05	49.76	205.96	203.85	2.70	4.88	4.32
2025-09-06	201.87	203.85	202.81	3.23	4.88	4.36
2025-09-07	200.21	202.21	201.21	3.88	4.65	4.26
2025-09-08	27.16	201.97	200.04	3.72	4.85	4.27
2025-09-09	91.66	200.64	198.92	3.27	4.21	3.83
2025-09-10	29.31	199.67	198.25	3.32	4.28	3.84
2025-09-11	16.34	199.55	197.01	2.89	3.98	3.52
2025-09-12	9.79	198.52	195.50	2.67	3.91	3.39
2025-09-13	193.47	197.12	195.19	2.97	3.85	3.46
2025-09-14	192.57	198.38	195.33	2.91	4.16	3.68
2025-09-15	9.36	196.26	192.66	3.26	4.15	3.85
2025-09-16	27.99	194.71	192.72	3.27	4.03	3.66
2025-09-17	191.45	194.48	193.03	3.50	3.99	3.75
2025-09-18	21.41	195.70	192.91	3.45	4.45	4.05
2025-09-19	9.50	193.10	190.75	3.62	4.14	3.93
2025-09-20	188.37	195.22	190.00	3.13	4.12	3.68
2025-09-21	188.71	200.11	195.59	0.93	3.90	2.27
2025-09-22	17.52	189.69	186.37	2.02	8.11	3.38
2025-09-23	25.70	186.97	184.47	3.33	7.75	3.78
2025-09-24	5.92	186.96	183.66	3.52	5.23	4.08
2025-09-25	39.57	185.89	183.11	3.55	4.59	4.00
2025-09-26	5.91	182.58	179.92	3.90	5.30	4.24
2025-09-27	178.61	180.34	179.30	3.36	4.45	4.21
2025-09-28	5.65	179.27	177.29	4.21	4.64	4.42
2025-09-29	15.98	180.26	176.74	4.11	4.67	4.39
2025-09-30	43.99	177.19	175.81	4.09	4.61	4.35

Notes:

Raw Water Specifications (Continued):

Date	Raw Manganese (ppm)		
	Min	Max	Average
2025-09-01	0.37	0.37	0.37
2025-09-02	0.37	0.37	0.37
2025-09-03	0.37	0.37	0.37
2025-09-04	???	0.46	0.38
2025-09-05	0.31	0.35	0.33
2025-09-06	0.22	0.40	0.32
2025-09-07	0.39	0.39	0.39
2025-09-08	0.25	0.39	0.34
2025-09-09	0.25	0.25	0.25
2025-09-10	???	???	0.25
2025-09-11	???	???	0.25
2025-09-12	???	???	0.25
2025-09-13	???	???	0.25
2025-09-14	???	???	0.25
2025-09-15	???	???	0.25
2025-09-16	???	???	0.25
2025-09-17	???	???	0.25
2025-09-18	???	???	0.25
2025-09-19	???	???	0.25
2025-09-20	???	???	0.25
2025-09-21	???	???	0.25
2025-09-22	???	???	0.25
2025-09-23	???	???	0.25
2025-09-24	???	???	0.25
2025-09-25	???	???	0.25
2025-09-26	???	???	0.25
2025-09-27	???	???	0.25
2025-09-28	???	???	0.25
2025-09-29	???	???	0.25
2025-09-30	???	???	0.25

Notes:

Sept 10th - Mn analyzer taken offline due to warranty replacement part needed. Ordered and waiting delivery.

Train 1 Filter Turbidity (NTU):

Date	Filter 1			Filter 2			Filter 3		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2025-09-01	0.02	0.06	0.03	0.02	0.04	0.02	0.02	0.04	0.02
2025-09-02	0.02	0.05	0.03	0.02	0.05	0.02	0.02	0.04	0.02
2025-09-03	0.02	0.06	0.03	0.02	0.04	0.02	0.02	0.04	0.02
2025-09-04	0.02	0.07	0.03	0.02	0.14	0.03	0.02	0.06	0.02
2025-09-05	0.03	0.06	0.03	0.02	0.06	0.03	0.02	0.08	0.02
2025-09-06	0.03	0.04	0.03	0.03	0.04	0.03	0.02	0.08	0.03
2025-09-07	0.03	0.06	0.03	0.03	0.05	0.03	0.02	0.09	0.03
2025-09-08	0.03	0.07	0.03	0.02	0.04	0.03	0.02	0.13	0.03
2025-09-09	0.03	0.08	0.04	0.02	0.15	0.03	0.02	0.05	0.03
2025-09-10	0.02	0.04	0.03	0.02	0.13	0.03	0.02	0.16	0.03
2025-09-11	0.01	0.02	0.02	0.02	0.24	0.02	0.02	0.09	0.02
2025-09-12	0.01	0.09	0.02	0.02	0.09	0.02	0.02	0.17	0.02
2025-09-13	0.01	0.05	0.02	0.02	0.16	0.02	0.01	0.03	0.02
2025-09-14	0.01	0.07	0.02	0.01	0.13	0.02	0.01	0.07	0.02
2025-09-15	0.01	0.02	0.02	0.02	0.03	0.02	0.01	0.03	0.02
2025-09-16	0.01	0.03	0.02	0.01	0.09	0.02	0.01	0.02	0.01
2025-09-17	0.01	0.03	0.02	0.01	0.03	0.02	0.01	0.05	0.02
2025-09-18	0.01	0.02	0.02	0.02	0.13	0.05	0.01	0.02	0.02
2025-09-19	0.01	0.03	0.02	0.01	0.04	0.02	0.01	0.06	0.02
2025-09-20	0.01	0.04	0.02	0.01	0.03	0.02	0.01	0.02	0.02
2025-09-21	0.01	0.03	0.01	0.01	0.03	0.02	0.01	0.02	0.01
2025-09-22	0.02	0.04	0.02	0.01	0.03	0.02	0.01	0.02	0.01
2025-09-23	0.01	0.06	0.02	0.01	0.03	0.02	0.01	0.03	0.01
2025-09-24	0.01	0.03	0.02	0.01	0.05	0.02	0.01	0.03	0.01
2025-09-25	0.01	0.03	0.02	0.01	0.05	0.02	0.01	0.03	0.01
2025-09-26	0.01	0.02	0.02	0.01	0.03	0.02	0.01	0.07	0.01
2025-09-27	0.01	0.03	0.02	0.01	0.03	0.02	0.01	0.03	0.01
2025-09-28	0.01	0.06	0.02	0.01	0.04	0.02	0.01	0.03	0.02
2025-09-29	0.01	0.04	0.02	0.01	0.04	0.02	0.01	0.02	0.01
2025-09-30	0.01	0.02	0.02	0.01	0.03	0.02	0.01	0.03	0.01

Notes:

Train 2 Filter Turbidity (NTU)

Date	Filter 4			Filter 5			Filter 6		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2025-09-01	0.01	0.02	0.01	0.02	0.09	0.03	0.02	0.37	0.03
2025-09-02	0.01	0.02	0.01	0.02	0.05	0.03	0.02	0.39	0.04
2025-09-03	0.01	0.02	0.01	0.02	0.05	0.03	0.02	0.07	0.03
2025-09-04	0.01	0.02	0.02	0.02	0.04	0.03	0.02	0.04	0.03
2025-09-05	0.01	0.20	0.02	0.02	0.06	0.03	0.02	0.05	0.03
2025-09-06	0.02	0.15	0.02	0.03	0.07	0.03	0.02	0.03	0.03
2025-09-07	0.01	0.08	0.02	0.03	0.07	0.03	0.02	0.05	0.02
2025-09-08	0.01	0.12	0.02	0.02	0.06	0.03	0.02	0.05	0.02
2025-09-09	0.01	0.06	0.02	0.00	0.08	0.03	0.02	0.06	0.03
2025-09-10	0.01	0.03	0.02	0.00	0.15	0.03	0.01	0.04	0.02
2025-09-11	0.02	0.04	0.02	0.02	0.05	0.02	0.02	0.02	0.02
2025-09-12	0.02	0.04	0.02	0.01	0.04	0.02	0.01	0.04	0.02
2025-09-13	0.01	0.03	0.02	0.01	0.04	0.02	0.01	0.03	0.02
2025-09-14	0.01	0.05	0.02	0.02	0.05	0.02	0.01	0.05	0.02
2025-09-15	0.01	0.06	0.02	0.02	0.05	0.02	0.01	0.03	0.02
2025-09-16	0.01	0.03	0.02	0.00	0.09	0.02	0.01	0.03	0.02
2025-09-17	0.01	0.08	0.02	0.02	0.04	0.02	0.01	0.04	0.02
2025-09-18	0.01	0.03	0.02	0.02	0.04	0.02	0.01	0.03	0.02
2025-09-19	0.01	0.05	0.02	0.02	0.05	0.03	0.01	0.04	0.02
2025-09-20	0.01	0.03	0.02	0.02	0.08	0.02	0.01	0.05	0.02
2025-09-21	0.01	0.03	0.02	0.02	0.06	0.02	0.01	0.03	0.02
2025-09-22	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.05	0.02
2025-09-23	0.01	0.03	0.02	0.02	0.04	0.02	0.01	0.03	0.02
2025-09-24	0.01	0.03	0.02	0.01	0.04	0.02	0.01	0.03	0.02
2025-09-25	0.01	0.03	0.01	0.02	0.04	0.02	0.01	0.04	0.02
2025-09-26	0.01	0.02	0.01	0.02	0.04	0.02	0.01	0.03	0.02
2025-09-27	0.01	0.02	0.01	0.02	0.12	0.02	0.01	0.06	0.02
2025-09-28	0.01	0.03	0.02	0.00	0.21	0.02	0.02	0.12	0.02
2025-09-29	0.01	0.02	0.01	0.01	0.06	0.02	0.02	0.06	0.02
2025-09-30	0.01	0.05	0.01	0.02	0.08	0.02	0.02	0.10	0.02

Notes:

Sept 1st & 2nd - Small spikes of NTU during filter transitions. Lasting for less than 5 minutes before returning to normal. Flows to Filtered water shut off at 0.25 NTU.

UV Treatment:

Date	Average Flow (L/s)	Avg Validated Dose (mj/cm2)	Undosed Flow (ML)
2025-09-01	327.35	19.11	0.1090
2025-09-02	383.67	18.71	0.0000
2025-09-03	310.58	20.00	0.0000
2025-09-04	293.44	20.08	0.0004
2025-09-05	323.80	17.94	0.0006
2025-09-06	337.22	18.52	0.0000
2025-09-07	283.52	20.30	0.0000
2025-09-08	318.02	18.98	0.0000
2025-09-09	315.60	19.01	0.0000
2025-09-10	282.05	20.07	0.0000
2025-09-11	282.41	20.23	0.0000
2025-09-12	322.33	20.48	0.0000
2025-09-13	308.06	17.93	0.0000
2025-09-14	293.18	20.33	0.0000
2025-09-15	294.81	21.06	0.0000
2025-09-16	308.97	21.36	0.0000
2025-09-17	281.91	21.05	0.0000
2025-09-18	273.14	20.77	0.0000
2025-09-19	297.99	21.32	0.0000
2025-09-20	296.33	21.53	0.0000
2025-09-21	268.45	21.99	0.0000
2025-09-22	291.38	20.92	0.0000
2025-09-23	320.85	20.19	0.0000
2025-09-24	281.03	21.95	0.0000
2025-09-25	258.14	21.87	0.0000
2025-09-26	266.34	21.79	0.0000
2025-09-27	244.84	20.34	0.0000
2025-09-28	239.44	22.00	0.0000
2025-09-29	221.35	21.99	0.0000
2025-09-30	278.65	#VALUE!	0.0000

Monthly Total (ML):

0.1099

% of monthly water that was not UV treated:

0.015%

Notes:

UV 415 Taken offline which shows 0 for the day. Transferred over to UV420 with no issues.

UV Transmittance %:

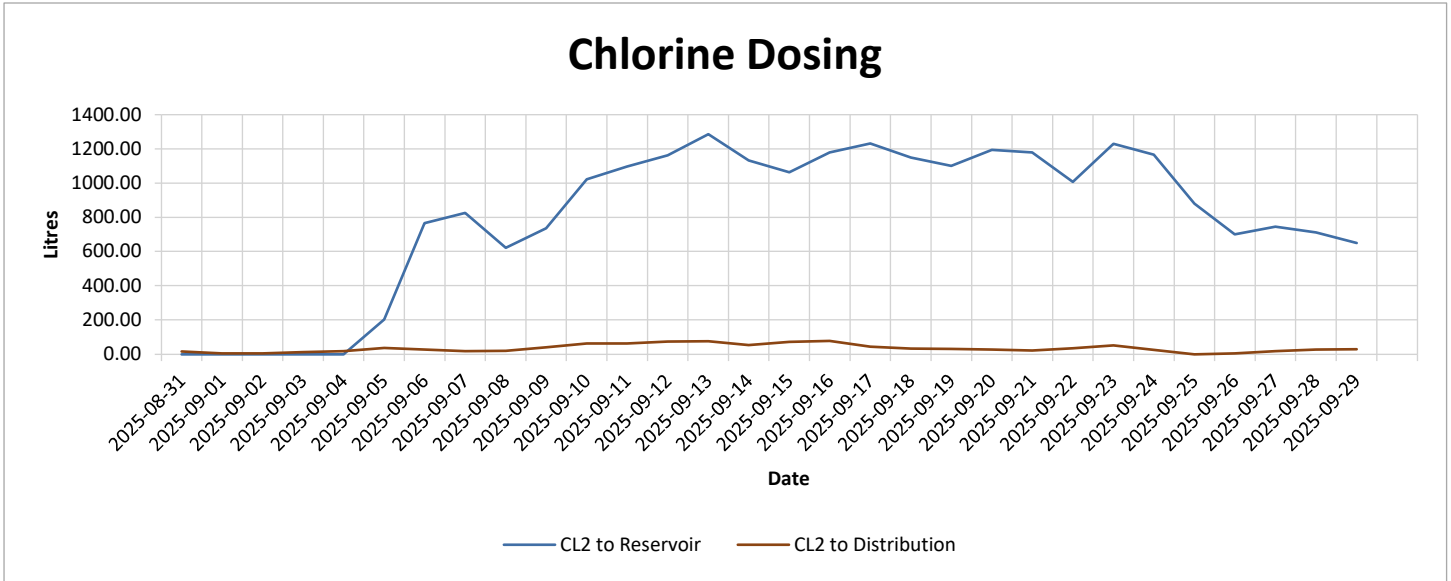
Date	Min	Max	Average
2025-09-01	87.67	90.06	88.98
2025-09-02	87.72	90.38	89.16
2025-09-03	88.03	90.45	89.25
2025-09-04	86.76	90.31	89.17
2025-09-05	86.86	89.84	88.61
2025-09-06	85.91	89.82	88.27
2025-09-07	86.62	89.77	88.44
2025-09-08	86.64	89.72	88.91
2025-09-09	85.96	89.72	88.31
2025-09-10	86.94	90.09	88.67
2025-09-11	87.06	90.01	88.77
2025-09-12	87.67	90.33	88.97
2025-09-13	87.47	90.99	89.37
2025-09-14	87.79	89.96	88.93
2025-09-15	87.55	90.38	88.95
2025-09-16	87.96	90.67	89.51
2025-09-17	87.64	90.38	89.34
2025-09-18	86.45	90.26	88.80
2025-09-19	86.69	90.43	88.85
2025-09-20	87.64	90.31	89.31
2025-09-21	88.08	90.45	89.37
2025-09-22	87.89	90.18	89.13
2025-09-23	87.30	89.84	88.62
2025-09-24	86.86	90.13	88.72
2025-09-25	87.72	90.21	89.21
2025-09-26	87.89	89.96	89.01
2025-09-27	88.08	89.84	88.92
2025-09-28	83.30	89.57	87.93
2025-09-29	88.03	90.31	89.40
2025-09-30	88.13	89.96	89.16

Notes:

Chemical Demand:

Chlorine Used:

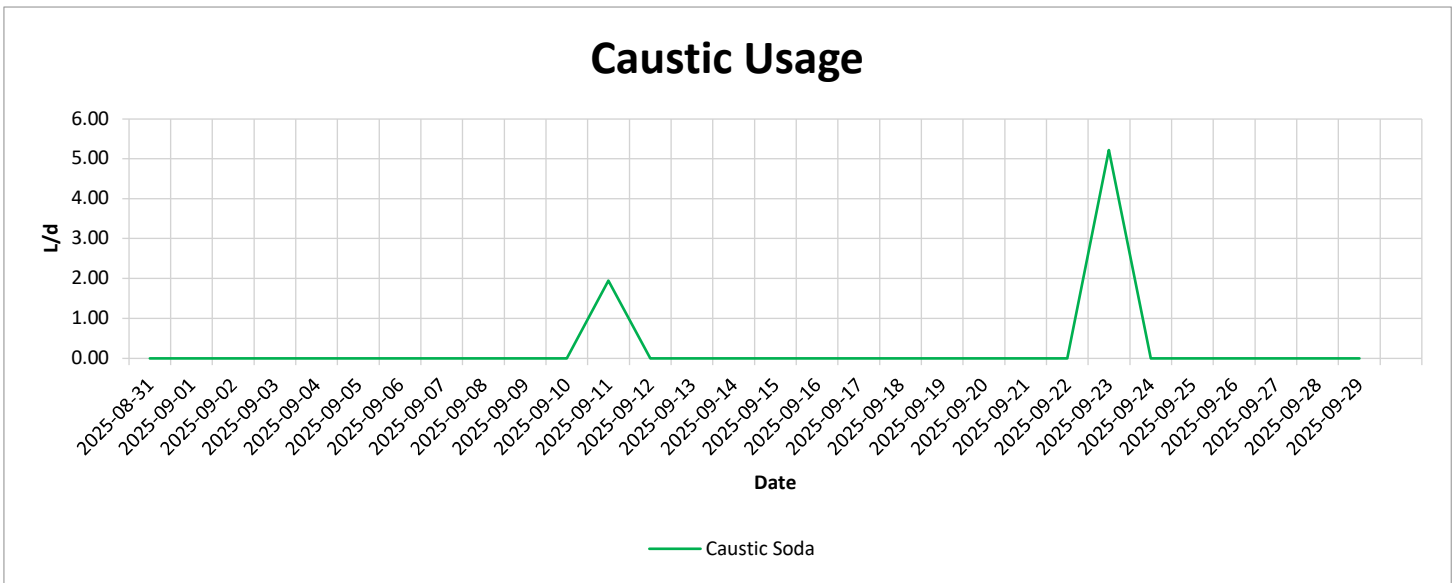
Total for Month
25026.74 Litres



Notes:

Caustic Soda Used:

Total for Month
7.17 Litres



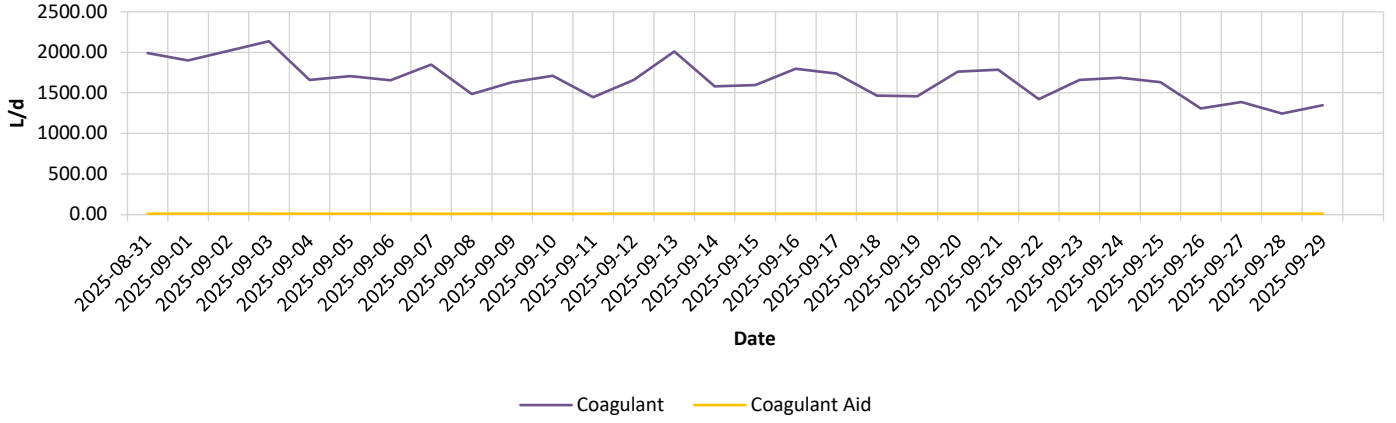
Notes:

Sept 1st - Having issue with Caustic pumps not pumping properly. Investigating issue with supplier, No pH correction at this time. pH levels for the month are still acceptable.

Coagulant Used:
Coagulant Aid Used:

Total for Month
 49733.91 Litres
 286.77 Litres

Coagulant and Aid Usage



Notes:

Polymer @ .2% Concentration:

Total for Month
 111221.21 Litres

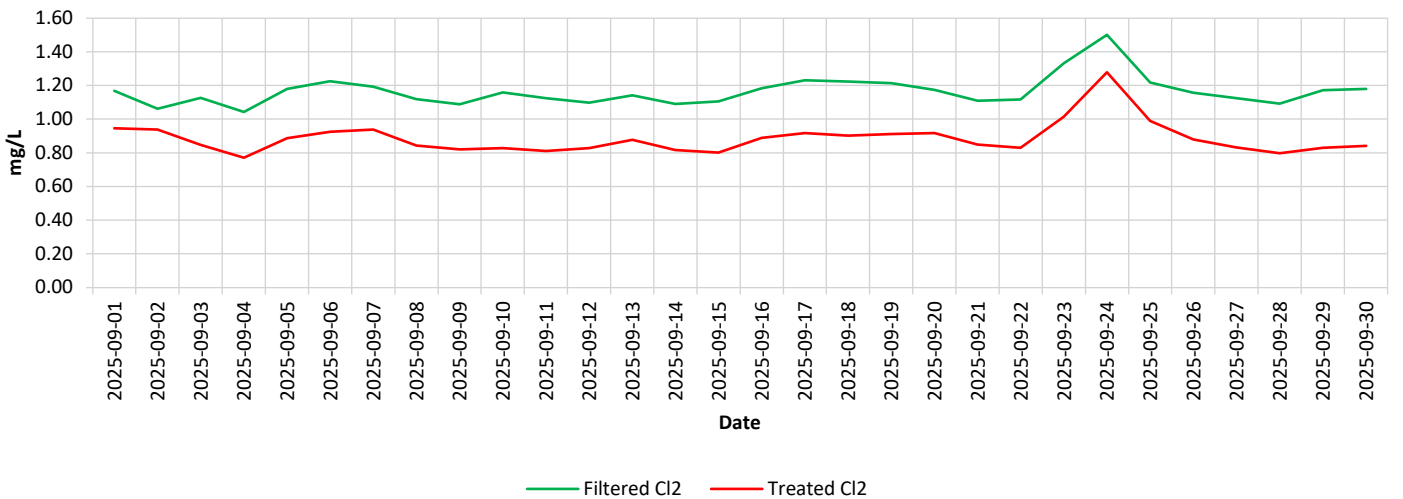
Polymer @ .5% Concentration:

Total for Month
 187547.18 Litres

Chlorine Dose

Filtered Water Residual Cl₂ Average (mg/L): 1.16 mg/L
 Treated Water (Distributed) Cl₂ Average (mg/L): 0.88 mg/L

Average Residual Cl₂ Content



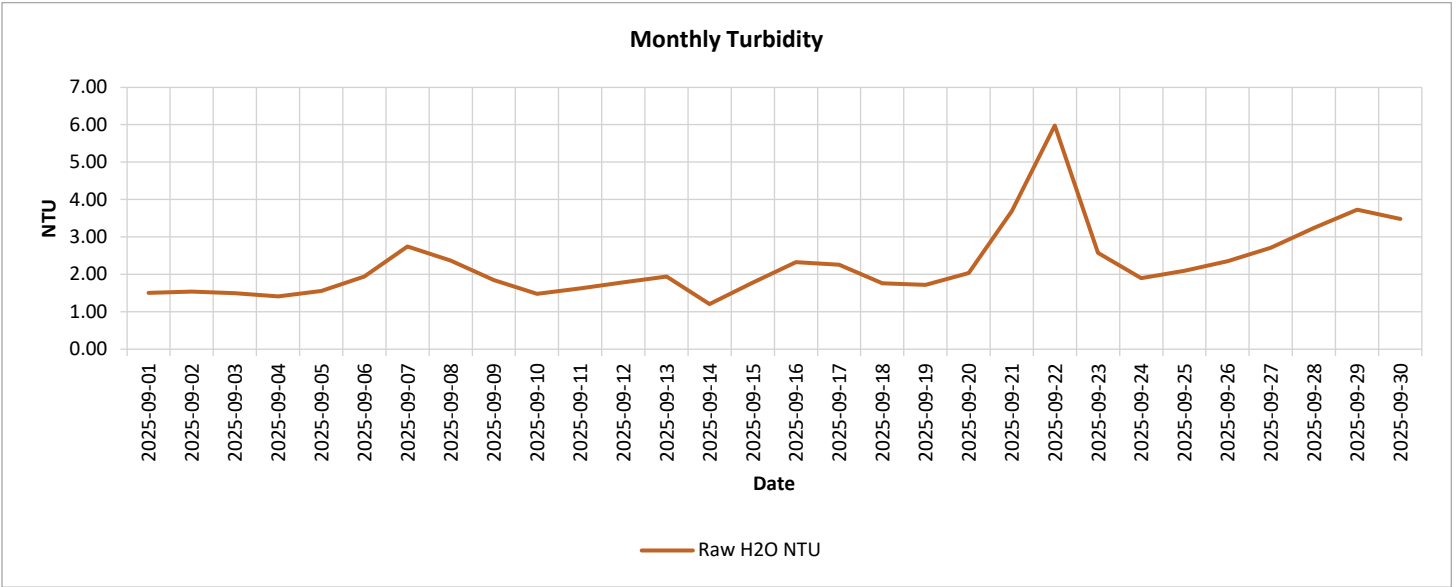
Water Quality Analytics:

Turbidity

Raw Water Monthly Average:

2.27

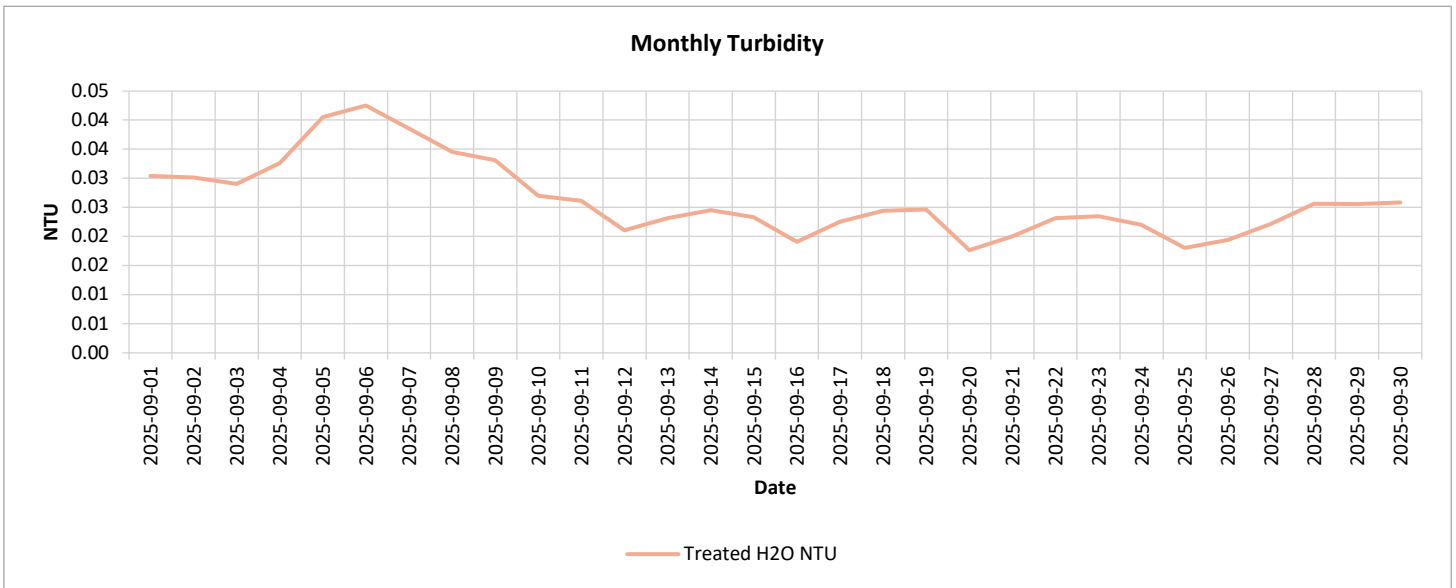
NTU



Treated Water Monthly Average:

0.03

NTU



Notes:

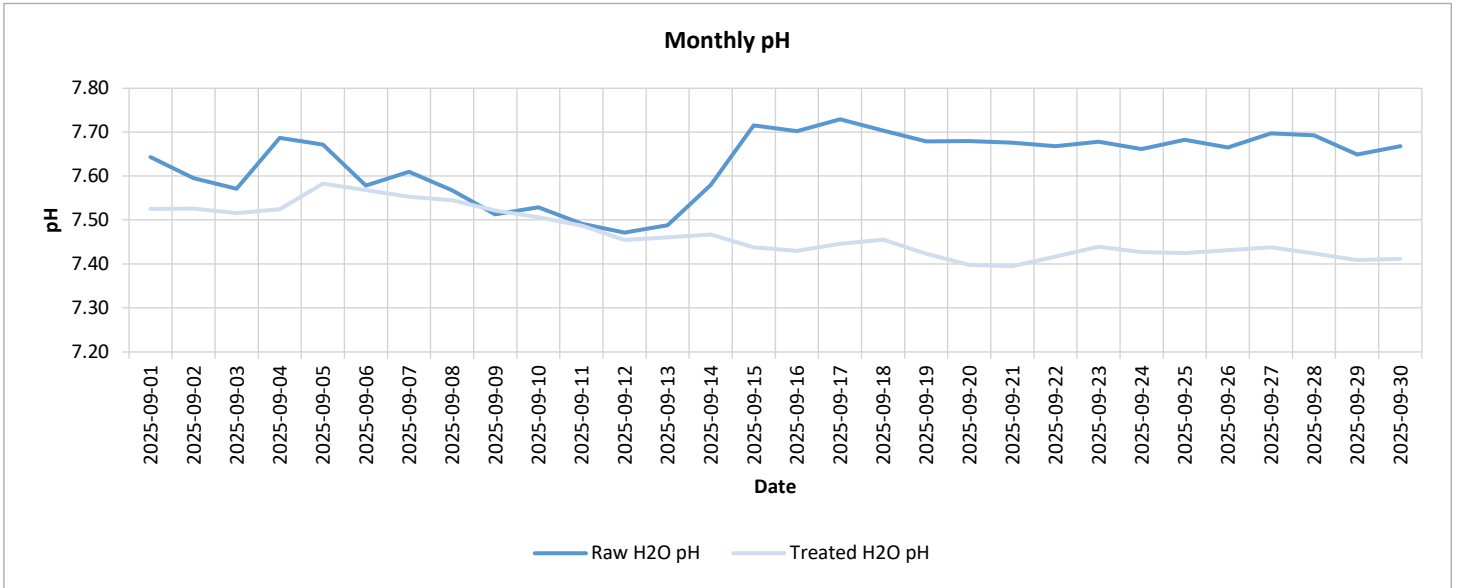
pH

Raw Water Monthly Average:

7.63 pH

Treated Water Monthly Average:

7.47 pH



Notes:

Rose Valley WTP Operational Highlights:

Sept 4th - Wiseworth onsite performing compressor maintenance. ABB Rep onsite troubleshooting Mn analyzer. Power bump resulting in Wiper fault on UV 415 unit.

Sept 5th - Received load of coagulant. Swapped lead to UV unit 420 and prep to drain unit 415 for inspection.

Sept 9th - Mn analyzer offline while waiting plunger replacement.

Sept 10th-Clean and calibrate all plant turbidimeters.

Sept 11th-Mn analyzer put offline at the dam awaiting new cartridge filters. Tried installing new caustic pump tubes. Building better pressure but still air locking. Still investigating

Sept 15th-Drop down to 5 filters in operation. Isolate and Drain UV415. Clean and Calibrate all pH probes.

Sept 16th-Verify all pH's. Install new 25um cartridge filter to Mn unit at the Dam and put back into service. Fixed wiper assembly on UV 415, filled up and tested unit. Back in operation. Received 5 totes of NaMnO₄. Clean particle counter

Sept 18th-Cleaned and flushed all turbidimeters.

Sept 19th-Adjusted raw water PRV as the PSI was creeping 14-15PSI. Reduced 12-13.

Sept 23rd-Coagulant deliver onsite today.

Sept 24th-Hypochlorite deliver today.

Sept 25th-Adjusted backpressure valve on NaMnO₄ skid 58PSI - 40PSI. Improved pumping closer to setpoint.

Rose Valley Watershed Operational Highlights:

Ongoing dam maintenance though out the month

Rose Valley

- Weekly Dam inspections
- Sept 2nd 595.97m Completed Piezometers and ran generator
- Sept 8th 596.03m
- Sept 11th 596.12m
- Sept 23rd 596.44m

Esperon

- Sept 2nd empty and closed for season

Bighorn

- Weekly Dam inspections
- Sept 2nd 1354.6m opened to 5th notch
- Sept 23rd 1352.1m closed to 4th notch

BCI/Rotork

- Sept 2nd Flow slowing/Rotork opened to 35%
- Sept 8th good flow opened Rotork to 40%
- Sept 11th closed Rotork to 35%
- Sept 17th closed Rotork to 25%
- Sept 22nd closed Rotork to 20%
- BCI maintained good fish flow and a 1" minimum over lowest tier for all of September. Monitoring Bighorn and the Rotork adjusting as needed.

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

September 2025

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 September.
- September Bacteriological sampling summary:
 - 23 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*.
- September 3, 2025 – Lakeview Cove PS online analyzer calibration adjustment of 0.46 mg/L decrease.
- September 5, 2025 – Pinewoods Reservoir was dosed with sodium hypochlorite (hypo) in an effort to raise the FCR by 0.20 mg/L.
- September 10, 2025 – Rosewood Reservoir was dosed with hypo in an effort to raise the FCR by 0.20 mg/L.
- September 25, 2025 – Lower Boucherie PS Hypo strength changed on PLC to 7% concentration.
- September 29, 2025 – Upper Boucherie Reservoir outlet online analyzer calibration adjustment of 0.59 mg/L decrease.

Operational System Improvements/Events

- September 3, 2025 – Upper Boucherie Reservoir pump was run in hand at Lower Boucherie Reservoir to help raise low FCR at the Upper Boucherie Reservoir.
- September 2 & 3, 2025 – Standby generator testing was completed on all locations.
- September 5, 2025 – Lower Boucherie PS hypo concentration changed to reflect correct concentration after high strength testing completed. Changed from 9.00% to 6.00%.
- September 8, 2025 – Viognier PRV set points were changed to increase outlet discharge pressure on bypass valve in an effort to increase flows through Upper Boucherie Reservoir to increase FCR.
- September 11, 2025 – Lakeview Cove Reservoir was cleaned and inspected by divers contracted by the Utility. A separate inspection report was created by contractor, nothing of note was found during cleaning and inspection.
- September 11, 2025 – 3575 Wiig Rd water service leak was repaired in conjunction with sub-contractor.
- September 16, 2025 – WKE PRV#8 an air valve was damaged and sheered off. The PRV was isolated and repairs completed, then PRV was put back into service.
- September 16, 2025 – Shannon Woods PRV #13 had a planned shut down for repair and maintenance work. Letters were sent out to affected residents, all curb stops were closed to each individual homes, water was off from 8:30am to 5:30pm. PRV repairs completed included:
 - Remove and install new 2" gate valves on bypass line. Upstream and downstream.

- Remove all piloting and disassemble bypass and fire flow valves.
- Clean and install new disc and diaphragm in both valves.
- Re-Plumb Fire flow with SS Fittings and tube, New 30-300PSI CRD, and new sight glass indicator.
- Install new 2" Sight glass indicator that has top flush turncock.
- Remove old gauge stands with 1/2" gate valve isolations and install new 1/2" SS Ball Valves and outlet gauge.
- September 16, 2025 – Flushing in Zone 3 was completed.
 - PSA was released and website update to notify residents that the flushing crews were transiting from Zone 3 to Zone 4.
 - September 17, 2025 – Flushing in Zone 4A started.
- September 29, 2025 – 1273 Marlyn Crt water service leak was reported and repaired via City contractor. Only effected property without water for ~2hours.
- September 28, 2025 – 3100 Topham Rd standpipe leak was reported and was repaired via City contractor. No homes out of water for repair.

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.

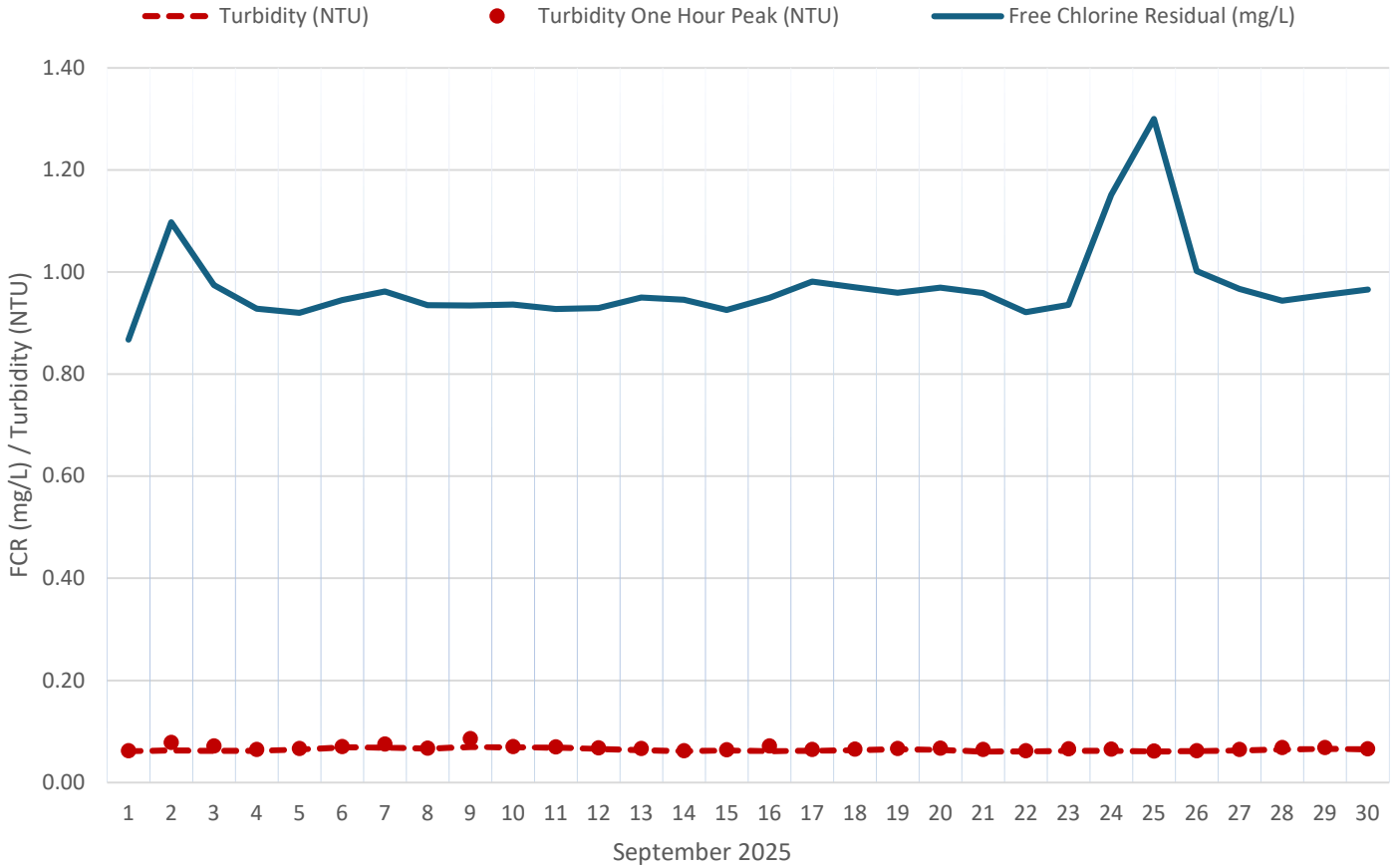
Note – the locations included in the monthly report are the samples that are tested regularly on a weekly basis but are 9 of 19 total grab sample locations taken throughout the system in the month.

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)
Sep 2025								
1	0.06	0.06	0.72	0.97	0.87	21.55	7.64	822
2	0.06	0.08	0.80		1.10	21.59	7.67	820
3	0.06	0.07	0.68	1.10	0.97	21.68	7.66	821
4	0.06	0.06	0.72	1.14	0.93	21.56	7.66	819
5	0.07	0.07	0.71		0.92	21.45	7.69	814
6	0.07	0.07	0.78	1.05	0.94	21.33	7.74	809
7	0.07	0.08	0.87	1.06	0.96	21.33	7.72	813
8	0.07	0.07	0.79	1.06	0.94	21.15	7.71	814
9	0.07	0.09	0.82	1.06	0.93	21.17	7.70	814
10	0.07	0.07	0.84	1.11	0.94	20.97	7.69	815
11	0.07	0.07	0.79	1.04	0.93	21.02	7.67	819
12	0.07	0.07	0.78	1.05	0.93	20.91	7.66	821
13	0.06	0.07	0.84	1.05	0.95	20.99	7.62	828
14	0.06	0.06	0.78	1.05	0.95	20.75	7.64	824
15	0.06	0.06	0.78	1.04	0.93	20.66	7.66	822
16	0.06	0.07	0.80	1.05	0.95	20.57	7.65	823
17	0.06	0.06	0.88	1.06	0.98	20.68	7.63	828
18	0.06	0.07	0.86	1.04	0.97	20.49	7.66	822
19	0.07	0.07	0.82	1.06	0.96	20.31	7.67	820
20	0.06	0.07	0.85	1.06	0.97	20.41	7.63	828
21	0.06	0.06	0.83	1.06	0.96	20.10	7.62	830
22	0.06	0.06	0.83	1.01	0.92	19.98	7.63	826
23	0.06	0.07	0.84	1.00	0.94	19.82	7.65	824
24	0.06	0.07	0.90	1.46	1.15	19.49	7.67	833
25	0.06	0.06	1.02	1.57	1.30	19.43	7.65	844
26	0.06	0.06	0.85	1.12	1.00	18.99	7.66	827
27	0.06	0.06	0.86	1.05	0.97	18.78	7.66	826
28	0.06	0.07	0.80	1.07	0.94	18.63	7.68	822
29	0.07	0.07	0.78	1.07	0.95	18.31	7.66	827
30	0.07	0.07	0.84	1.07	0.97	18.14	7.66	829
Average	0.06		0.82	1.09	0.97	20.41	7.66	823
Min	0.06		0.68	0.97	0.87	18.14	7.62	809
Max	0.07	0.09	1.02	1.57	1.30	21.68	7.74	844

Rosewood PS Online Data



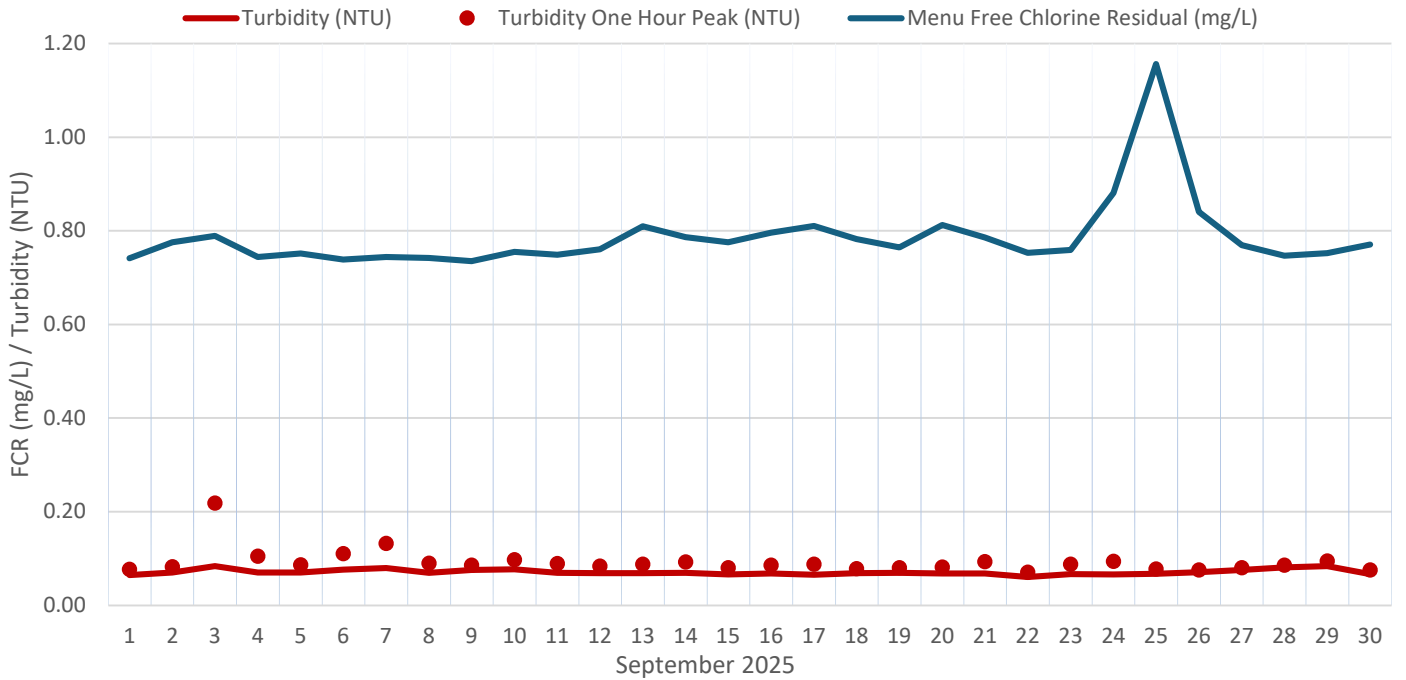
Rosewood PS Water Quality

Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
02-Sep-25	0.09	0.18	21.3	0.96	1.13	7.41
09-Sep-25	0.02	0.07	21.1	0.82	1.00	7.51
16-Sep-25	0.12	0.07	20.9	0.98	0.97	7.57
23-Sep-25	0.09	0.06	19.9	0.97	0.95	7.30
# of Samples	4	4	4	4	4	4
Average	0.08	0.10	20.8	0.93	1.01	7.45
Range	0.02-0.12	0.06-0.18	19.9-21.3	0.82-0.98	0.95-1.13	7.30-7.57

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)
Sep 2025									
1	6049	0.06	0.08	21.16	7.24	851	0.62	0.85	0.74
2	6269	0.07	0.08	21.22	7.26	850	0.66	0.89	0.78
3	6450	0.08	0.22	21.26	7.26	851	0.58	0.92	0.79
4	5019	0.07	0.10	21.14	7.25	848	0.55	0.94	0.74
5	6301	0.07	0.09	20.97	7.27	845	0.62		0.75
6	6069	0.08	0.11	20.95	7.32	838	0.59	0.90	0.74
7	5602	0.08	0.13	20.86	7.30	841	0.64	0.91	0.74
8	4914	0.07	0.09	20.76	7.29	843	0.62	0.86	0.74
9	5513	0.08	0.09	20.65	7.28	842	0.60	0.94	0.74
10	5636	0.08	0.10	20.58	7.26	844	0.63	0.93	0.76
11	4431	0.07	0.09	20.58	7.25	848	0.62	0.92	0.75
12	5902	0.07	0.08	20.54	7.23	850	0.64	0.92	0.76
13	6311	0.07	0.09	20.49	7.20	857	0.69	0.92	0.81
14	5405	0.07	0.09	20.37	7.20	855	0.63	0.95	0.79
15	6057	0.07	0.08	20.20	7.21	853	0.64	0.90	0.78
16	6148	0.07	0.09	20.14	7.21	854	0.65	0.94	0.80
17	5437	0.07	0.09	20.19	7.19	857	0.69	0.93	0.81
18	4840	0.07	0.08	20.14	7.21	852	0.65	0.90	0.78
19	5415	0.07	0.08	19.92	7.22	849	0.63	0.91	0.76
20	5745	0.07	0.08	19.86	7.19	857	0.69	0.94	0.81
21	4973	0.07	0.09	19.81	7.16	860	0.68	0.93	0.79
22	4662	0.06	0.07	19.44	7.16	858	0.65	0.89	0.75
23	6217	0.07	0.09	19.26	7.18	855	0.67	0.91	0.76
24	5881	0.07	0.09	19.06	7.19	861	0.69	1.12	0.88
25	5347	0.07	0.08	18.87	7.17	876	0.92	1.35	1.16
26	4709	0.07	0.08	18.57	7.17	861	0.65	0.95	0.84
27	4941	0.08	0.08	18.39	7.17	857	0.65	0.91	0.77
28	4219	0.08	0.09	18.05	7.17	855	0.62	0.92	0.75
29	4810	0.08	0.09	17.87	7.16	857	0.63	0.88	0.75
30	4645	0.07	0.08	17.75	7.15	862	0.66	0.92	0.77
Total	157866								
Average	5464	0.07		19.97	7.22	853	0.65	1.04	0.79
Min	4219	0.06		17.75	7.15	838	0.55	0.85	0.74
Max	6450	0.08	0.22	21.26	7.32	876	0.92	1.35	1.16

Menu PS Online Data



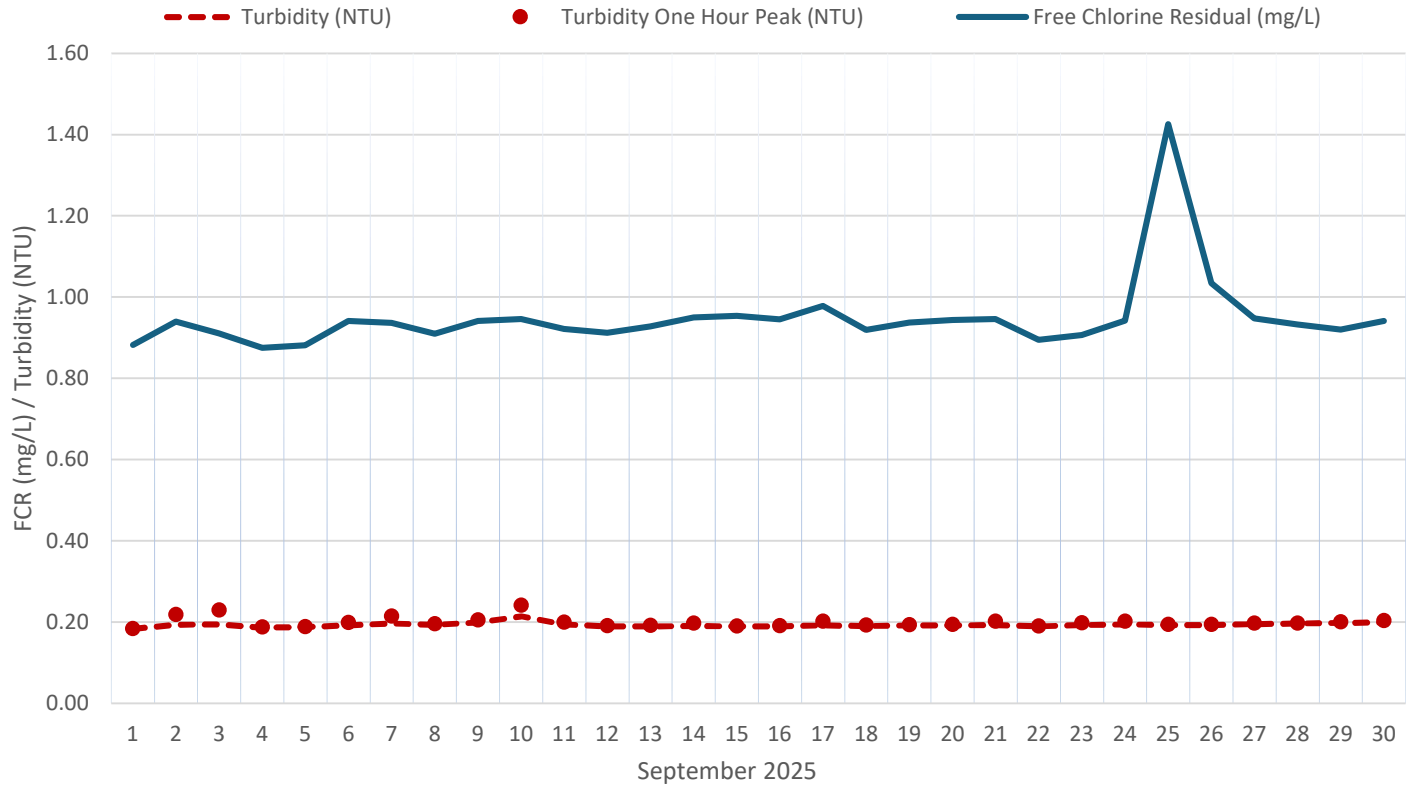
Menu PS Water Quality

Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
02-Sep-25	0.09	0.06	21.0	0.83	0.87	7.52
09-Sep-25	0.11	0.07	20.5	0.88	0.82	7.54
16-Sep-25	0.11	0.06	20.0	0.90	0.87	7.58
23-Sep-25	0.06	0.06	19.0	0.82	0.79	7.35
# of Samples	4	4	4	4	4	4
Average	0.09	0.06	20.1	0.86	0.84	7.50
Range	0.06-0.11	0.06-0.07	19-21	0.82-0.9	0.79-0.87	7.35-7.58

Blackwood PS

Blackwood Inlet PS 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 (µs/cm)	Avg (mV)
Sep 2025									
1	0.18	0.18	0.73	1.03	0.88	21.30	7.60	228.56	820
2	0.19	0.22	0.81	1.16	0.94	21.60	7.61	227.38	819
3	0.19	0.23	0.75	1.12	0.91	21.65	7.62	227.29	816
4	0.19	0.19	0.73	1.09	0.87	21.40	7.62	227.78	814
5	0.19	0.19	0.72		0.88	21.38	7.61	227.98	813
6	0.19	0.20	0.75	1.15	0.94	21.28	7.68	226.03	805
7	0.20	0.21	0.74	1.22	0.94	21.14	7.67	225.16	805
8	0.19	0.20	0.76	1.07	0.91	21.25	7.65	224.25	808
9	0.20	0.21	0.72	1.24	0.94	21.11	7.65	224.11	810
10	0.21	0.24	0.71	1.24	0.95	21.03	7.63	223.73	812
11	0.19	0.20	0.76	1.16	0.92	21.04	7.62	230.60	815
12	0.19	0.19	0.75	1.11	0.91	21.01	7.61	231.50	816
13	0.19	0.19	0.75	1.17	0.93	20.93	7.58	231.20	822
14	0.19	0.20	0.78	1.17	0.95	20.60	7.57	230.53	825
15	0.19	0.19	0.77	1.18	0.95	20.71	7.59	229.78	821
16	0.19	0.19	0.81	1.18	0.95	20.62	7.59	229.34	820
17	0.19	0.20	0.82	1.19	0.98	20.63	7.56	228.58	826
18	0.19	0.19	0.77	1.08	0.92	20.52	7.57	228.77	820
19	0.19	0.19	0.74	1.16	0.94	20.38	7.60	228.34	816
20	0.19	0.19	0.78	1.15	0.94	20.43	7.58	227.93	821
21	0.19	0.20	0.78		0.95	20.06	7.55	227.41	827
22	0.19	0.19	0.77	1.06	0.89	20.02	7.55	226.95	823
23	0.19	0.20	0.74	1.11	0.91	19.85	7.56	226.31	820
24	0.19	0.20	0.79	1.34	0.94	19.58	7.58	225.49	819
25	0.19	0.19	1.24	1.61	1.43	19.43	7.58	222.75	846
26	0.19	0.19	0.83	1.24	1.03	19.12	7.57	219.95	830
27	0.20	0.20	0.79	1.18	0.95	18.80	7.58	218.85	823
28	0.20	0.20	0.79	1.14	0.93	18.51	7.58	218.09	822
29	0.20	0.20	0.77	1.07	0.92	18.26	7.59	218.32	820
30	0.20	0.20	0.77	1.13	0.94	18.19	7.56	218.39	828
Average	0.19		0.78	1.47	0.95	20.39	7.60	226.04	819
Min	0.18		0.71	1.03	0.87	18.19	7.55	218.09	805
Max	0.21	0.24	1.24	1.61	1.43	21.65	7.68	231.50	846

Blackwood Inlet Online Data



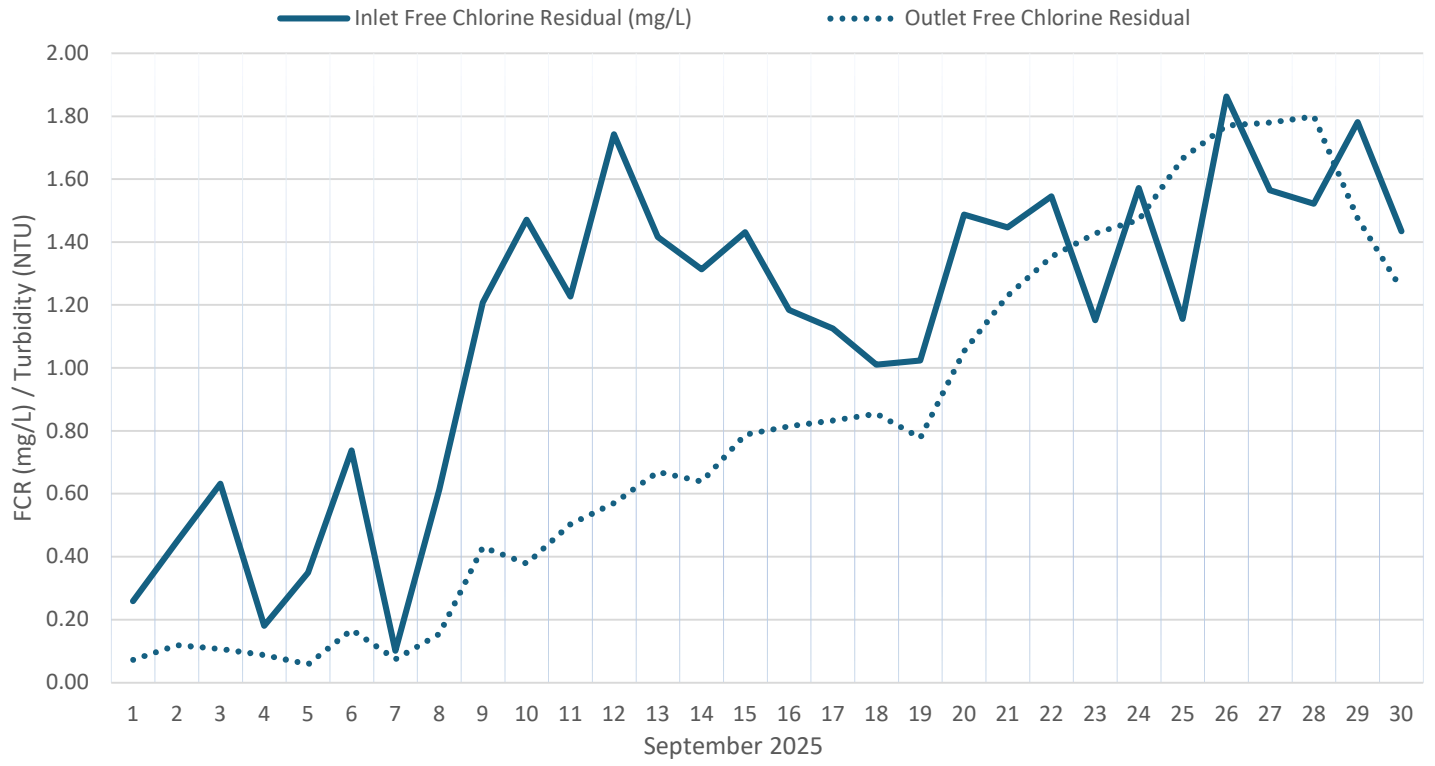
Blackwood PS Outlet Water Quality

Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
02-Sep-25	0.19	0.07	21.5	0.65	0.53	7.49
09-Sep-25	0.28	0.08	20.2	0.10	0.04	7.94
16-Sep-25	0.12	0.14	20.2	0.69	0.31	7.41
23-Sep-25	0.09	0.06	19.5	0.60	0.38	7.29
# of Samples	4	4	4	4	4	4
Average	0.17	0.088	20.4	0.51	0.32	7.53
Range	0.09-0.28	0.06-0.14	19.5-21.5	0.1-0.69	0.04-0.53	7.29-7.94

Upper Boucherie Outlet

Upper Boucherie Res 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)
Sep 2025								
1	22.48	7.84	0.04	0.98	0.26	0.04	0.26	0.07
2	22.86	7.82	0.12	0.94	0.45	0.07	0.16	0.12
3	22.77	7.81	0.05	2.08	0.63	0.04	0.22	0.11
4	22.96	7.83	0.06	0.51	0.18	0.05	0.13	0.09
5	22.38	7.83	0.03	2.13	0.35	0.02	0.40	0.06
6	22.40	7.83	0.19	1.55	0.74	0.11	0.22	0.17
7	22.45	7.85	0.05	0.20	0.10	0.04	0.11	0.07
8	21.99	7.85	0.04	2.03	0.61	0.04	0.31	0.16
9	21.75	7.83	0.56	2.29	1.21	0.17	0.82	0.43
10	21.73	7.80	0.26	2.33	1.47	0.22	1.16	0.38
11	21.77	7.81	0.36	2.37	1.23	0.30	1.30	0.50
12	21.52	7.77	0.45	2.45	1.74	0.36	1.13	0.57
13	21.47	7.78	0.44	2.46	1.42	0.50	1.18	0.67
14	21.47	7.77	0.37	2.39	1.31	0.54	1.10	0.64
15	21.19	7.76	0.32	2.50	1.43	0.59	1.96	0.79
16	21.29	7.76	0.26	1.93	1.18	0.65	1.50	0.81
17	21.34	7.75	0.26	2.12	1.13	0.67	1.51	0.83
18	21.29	7.75	0.21	1.90	1.01	0.69	1.53	0.86
19	21.08	7.74	0.27	1.66	1.02	0.68	1.19	0.78
20	21.00	7.77	0.24	2.81	1.49	0.64	2.32	1.05
21	20.70	7.75	0.40	3.47	1.45	0.88	2.15	1.23
22	20.51	7.76	0.29	3.41	1.54	1.04	2.23	1.35
23	20.49	7.75	0.86	2.43	1.15	1.14	2.04	1.43
24	20.42	7.76	0.49	3.40	1.57	1.19	2.64	1.47
25	20.23	7.75	0.45	3.17	1.16	1.36	3.12	1.67
26	19.71	7.76	0.42	2.62	1.86	1.48	2.89	1.77
27	19.52	7.78	1.12	2.46	1.56	1.55	2.37	1.78
28	19.42	7.78	0.42	2.53	1.52	1.53	2.90	1.80
29	19.11	7.77	0.53	2.63	1.78	1.11	2.58	1.48
30	19.16	7.80	1.10	2.48	1.43	1.10	1.86	1.25
Average	21.22	7.79	0.36	2.21	1.13	0.63	1.44	0.81
Min	19.11	7.74	0.03	0.20	0.10	0.02	0.11	0.06
Max	22.96	7.85	1.12	3.47	1.86	1.55	3.12	1.80

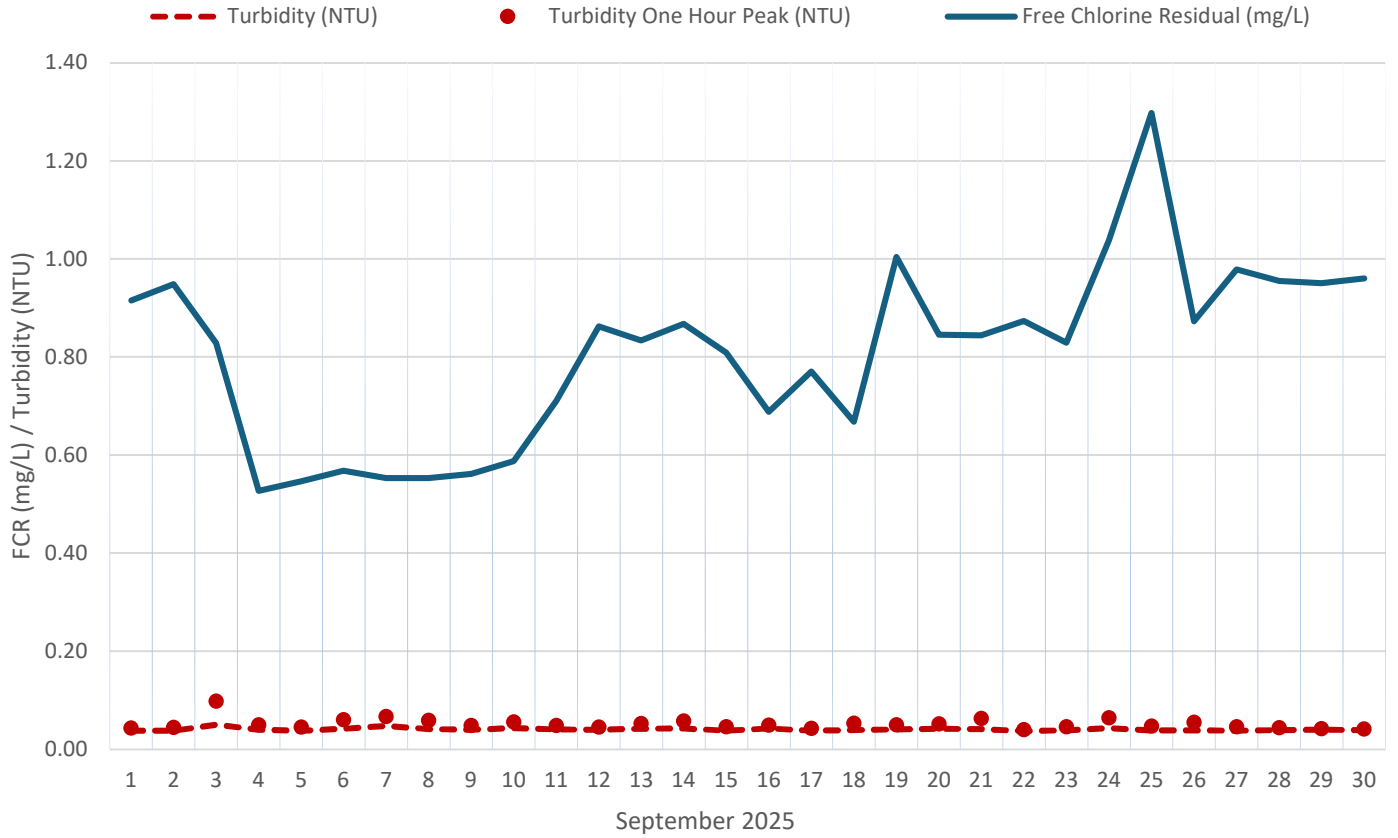
Upper Boucherie Res Online Data



Lakeview Cove PS

Lakeview Cove PS Online Data				
Date	Turbidity	Turbidity (Peak 1 Hr)	FCR	Temp
	Avg (NTU)	Max Based On 1 Hr Avg	Avg (mg/L)	Avg (°C)
Sep 2025				
1	0.04	0.04	0.92	21.32
2	0.04	0.04	0.95	21.38
3	0.05	0.10	0.83	21.42
4	0.04	0.05	0.53	21.42
5	0.04	0.05	0.55	21.35
6	0.04	0.06	0.57	21.22
7	0.05	0.07	0.55	21.21
8	0.04	0.06	0.55	21.08
9	0.04	0.05	0.56	21.03
10	0.04	0.06	0.59	20.98
11	0.04	0.05	0.71	20.83
12	0.04	0.05	0.86	20.93
13	0.04	0.05	0.83	20.87
14	0.04	0.06	0.87	20.84
15	0.04	0.05	0.81	20.67
16	0.04	0.05	0.69	20.55
17	0.04	0.04	0.77	20.63
18	0.04	0.05	0.67	20.58
19	0.04	0.05	1.00	20.49
20	0.04	0.05	0.85	20.35
21	0.04	0.06	0.84	20.29
22	0.04	0.04	0.87	20.10
23	0.04	0.05	0.83	19.97
24	0.04	0.06	1.04	19.83
25	0.04	0.05	1.30	19.67
26	0.04	0.06	0.87	19.41
27	0.04	0.05	0.98	19.42
28	0.04	0.04	0.96	19.25
29	0.04	0.04	0.95	19.11
30	0.04	0.04	0.96	18.94
Average	0.04		0.81	20.50
Min	0.04		0.53	18.94
Max	0.05	0.10	1.30	21.42

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)	
02-Sep-25	0.12	22.2	0.79	7.41
09-Sep-25	0.16	21.3	0.77	7.54
16-Sep-25	0.17	21.5	0.83	7.53
23-Sep-25	0.11	22.3	0.79	7.35
# of Samples	4	4	4	4
Average	0.14	21.8	0.80	7.46
Range	0.11-0.17	21.3-22.3	0.77-0.83	7.35-7.54

Shannon Way SS

Shannon Way SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
02-Sep-25	0.11	21.9	0.53	7.48
09-Sep-25	0.12	22.4	0.68	7.60
16-Sep-25	0.16	22.0	0.68	7.67
23-Sep-25	0.11	20.8	0.68	7.38
# of Samples	4	4	4	4
Average	0.13	21.8	0.64	7.53
Range	0.11-0.16	20.8-22.4	0.53-0.68	7.38-7.67

Lower Horizon SS

Lower Horizon SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
02-Sep-25	0.20	21.8	0.54	7.43
09-Sep-25	0.11	20.9	0.52	7.56
16-Sep-25	0.17	21.3	0.56	7.43
23-Sep-25	0.10	18.3	0.56	7.33
# of Samples	4	4	4	4
Average	0.15	20.6	0.55	7.44
Range	0.1-0.2	18.3-21.8	0.52-0.56	7.33-7.56

Pritchard SS

Pritchard SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
02-Sep-25	0.13	22.8	0.43	7.48
09-Sep-25	0.11	22.2	0.32	7.62
16-Sep-25	0.14	22.5	0.34	7.66
23-Sep-25	0.09	22.3	0.49	7.38
# of Samples	4	4	4	4
Average	0.12	22.5	0.40	7.54
Range	0.09-0.14	22.2-22.8	0.32-0.49	7.38-7.66

Vineyard View SS

Vineyard View SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
02-Sep-25	0.13	23.4	0.15	7.52
09-Sep-25	0.17	22.4	1.07	7.65
16-Sep-25	0.11	22.5	0.52	7.70
23-Sep-25	0.07	20.4	1.47	7.49
# of Samples	4	4	4	4
Average	0.12	22.2	0.80	7.59
Range	0.07-0.17	20.4-23.4	0.15-1.47	7.49-7.7