

CITY OF WEST KELOWNA

Monthly Water Quality Report



Rose Valley Water Service Area

October 2025

WATER SUPPLY AND TREATMENT





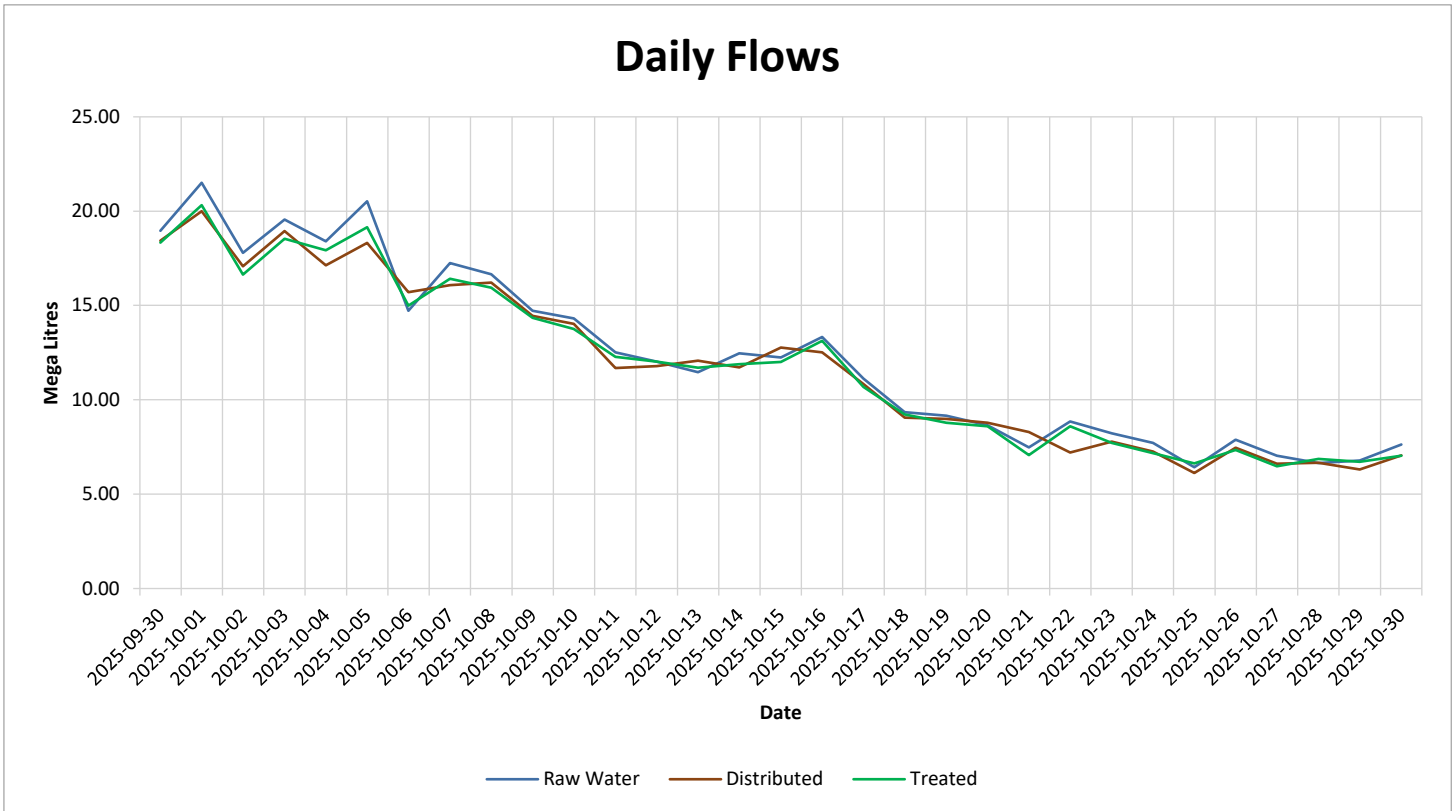
Rose Valley Water Treatment Plant Monthly Water Quality Summary

2025-11-13

October, 2025

Flow Demand:

	Total for Month	
Raw Processed Water:	381.40	ML
Treated Water :	368.31	ML
Distributed Water :	367.35	ML
Backwash Water :	17.97273	ML



Notes:

Raw Water Specifications:

Date	Raw Turbidity (NTU)			Raw pH		
	Min	Max	Average	Min	Max	Average
2025-10-01	2.58	236.47	3.27	7.64	7.70	7.66
2025-10-02	2.69	53.01	3.10	7.62	7.68	7.66
2025-10-03	2.75	19.08	3.22	7.62	7.66	7.65
2025-10-04	2.00	38.04	3.65	7.65	7.68	7.66
2025-10-05	0.00	70.79	3.58	7.65	7.70	7.68
2025-10-06	1.53	127.71	2.40	7.65	7.69	7.67
2025-10-07	1.69	23.98	1.99	7.66	7.68	7.67
2025-10-08	1.53	12.91	1.77	7.65	7.68	7.67
2025-10-09	1.49	24.30	1.90	7.63	7.68	7.65
2025-10-10	1.63	25.98	1.91	7.62	7.68	7.65
2025-10-11	1.91	71.29	2.33	7.56	7.73	7.65
2025-10-12	2.52	160.65	3.06	7.66	7.71	7.68
2025-10-13	1.63	70.84	2.70	7.68	7.79	7.74
2025-10-14	1.50	23.11	1.87	7.65	7.78	7.68
2025-10-15	0.01	11.30	1.68	7.68	7.74	7.71
2025-10-16	1.44	2.86	1.79	7.66	7.77	7.72
2025-10-17	1.32	2.89	1.46	7.52	8.07	7.70
2025-10-18	1.31	8.12	1.39	7.64	7.68	7.66
2025-10-19	1.32	21.74	2.26	7.65	7.70	7.68
2025-10-20	1.66	2.91	2.21	7.69	7.74	7.71
2025-10-21	1.44	26.45	1.72	7.72	7.74	7.73
2025-10-22	1.51	2.26	1.77	7.73	7.76	7.74
2025-10-23	0.91	13.51	1.47	7.68	7.75	7.73
2025-10-24	1.22	50.24	1.53	7.67	7.76	7.72
2025-10-25	1.18	24.04	1.43	7.69	7.77	7.73
2025-10-26	1.12	9.37	1.55	7.71	7.80	7.75
2025-10-27	1.05	2.78	1.93	7.73	7.85	7.79
2025-10-28	1.83	2.50	2.20	7.83	7.84	7.83
2025-10-29	0.00	2.18	1.57	7.74	7.85	7.80
2025-10-30	0.00	3.61	1.56	7.77	7.85	7.81
2025-10-31	0.00	2.22	1.68	7.77	7.85	7.82

Notes:

Raw Water Specifications (Continued):

Date	Raw Temp (°C)			Raw DOC (mg/L)		
	Min	Max	Average	Min	Max	Average
2025-10-01	17.13	17.42	17.29	???	???	0.00
2025-10-02	16.92	17.14	17.07	???	???	0.00
2025-10-03	16.70	16.92	16.82	???	???	0.00
2025-10-04	16.57	16.76	16.65	???	???	0.00
2025-10-05	16.21	16.58	16.37	???	???	0.00
2025-10-06	16.07	16.26	16.16	???	???	0.00
2025-10-07	15.81	16.15	15.97	???	???	0.00
2025-10-08	15.73	15.98	15.83	???	???	0.00
2025-10-09	15.42	15.86	15.67	???	???	0.00
2025-10-10	15.39	15.67	15.51	???	???	0.00
2025-10-11	14.91	15.40	15.12	???	???	0.00
2025-10-12	14.67	15.10	14.89	???	???	0.00
2025-10-13	14.49	15.61	14.70	???	???	0.00
2025-10-14	13.86	15.21	14.24	???	???	0.00
2025-10-15	13.58	14.06	13.74	???	???	0.00
2025-10-16	13.62	15.66	13.93	???	???	0.00
2025-10-17	12.84	15.97	13.69	???	???	0.00
2025-10-18	12.61	12.90	12.77	???	???	0.00
2025-10-19	12.34	12.62	12.46	???	???	0.00
2025-10-20	12.24	16.10	12.32	???	???	0.00
2025-10-21	12.15	12.35	12.23	???	???	0.00
2025-10-22	11.85	12.32	12.01	???	???	0.00
2025-10-23	11.64	11.96	11.76	???	???	0.00
2025-10-24	11.52	11.76	11.62	???	???	0.00
2025-10-25	11.43	11.67	11.52	???	???	0.00
2025-10-26	11.08	11.56	11.28	???	???	0.00
2025-10-27	10.87	14.82	11.14	???	???	0.00
2025-10-28	10.91	11.26	11.08	???	???	0.00
2025-10-29	10.30	11.02	10.53	???	???	0.00
2025-10-30	10.14	10.37	10.25	???	???	0.00
2025-10-31	10.05	10.36	10.21	???	???	0.00

Notes:

DOC analyzer still offline and in the process of being relocated to the Pre-Treatment building.

Raw Water Specifications (Continued):

Date	Raw Cond R ($\mu\text{S}/\text{cm}$)			Streaming Current		
	Min	Max	Average	Min	Max	Average
2025-10-01	176.30	199.67	196.42	-21.86	58.73	24.23
2025-10-02	193.52	197.87	195.63	5.98	53.85	29.36
2025-10-03	191.88	197.79	194.47	-91.70	52.14	26.66
2025-10-04	190.00	195.16	192.39	-279.98	279.00	-0.53
2025-10-05	188.14	193.58	190.97	-277.78	43.83	23.00
2025-10-06	184.94	191.09	188.32	-138.83	26.98	-25.76
2025-10-07	184.59	190.25	187.84	-71.18	44.81	6.81
2025-10-08	187.90	192.40	190.23	-6.96	58.73	23.41
2025-10-09	186.81	194.79	190.96	-171.31	108.79	26.20
2025-10-10	185.63	193.73	189.48	-80.71	46.03	18.30
2025-10-11	185.70	194.04	189.04	-14.53	44.81	13.05
2025-10-12	188.85	193.89	191.16	-10.38	31.87	8.66
2025-10-13	185.10	194.33	189.00	-83.15	64.35	-3.06
2025-10-14	186.28	191.58	189.48	-23.08	72.16	12.90
2025-10-15	189.12	194.47	192.17	-20.15	42.61	12.88
2025-10-16	192.43	196.78	194.83	-103.17	89.99	-6.08
2025-10-17	126.10	199.67	155.29	-259.22	222.59	-28.98
2025-10-18	128.98	197.37	172.58	-41.15	15.26	-15.69
2025-10-19	160.35	201.51	198.50	-27.96	31.62	-7.49
2025-10-20	165.68	203.80	201.48	-78.02	9.40	-12.05
2025-10-21	200.75	205.08	202.97	-27.96	8.67	-7.76
2025-10-22	201.73	206.05	203.76	-126.13	8.67	-6.34
2025-10-23	134.12	205.10	169.33	-32.11	5.25	-13.59
2025-10-24	177.02	205.58	192.28	-265.57	107.08	-33.24
2025-10-25	189.20	209.62	206.52	-238.46	131.75	-39.67
2025-10-26	206.60	210.56	208.77	-238.71	131.75	-34.81
2025-10-27	207.45	211.86	209.34	-235.04	157.39	-42.86
2025-10-28	208.38	211.27	209.81	-32.84	-0.85	-19.90
2025-10-29	208.37	212.06	210.34	-41.15	-9.89	-25.18
2025-10-30	208.98	212.60	210.93	-35.04	11.11	-7.56
2025-10-31	209.19	212.60	210.80	-213.80	64.35	-22.83

Notes:

Raw Water Specifications (Continued):

Date	Coagulated pH			Coagulated Temp (°C)		
	Min	Max	Average	Min	Max	Average
2025-10-01	7.26	7.38	7.32	17.38	18.15	17.92
2025-10-02	7.22	7.26	7.23	17.74	18.04	17.93
2025-10-03	7.19	7.22	7.20	17.54	17.80	17.67
2025-10-04	5.81	7.67	7.38	16.47	17.59	16.89
2025-10-05	7.33	7.66	7.41	16.15	17.24	16.90
2025-10-06	7.44	7.57	7.49	16.08	16.24	16.17
2025-10-07	7.42	7.49	7.44	15.86	16.46	15.99
2025-10-08	7.27	7.45	7.35	15.84	16.98	16.70
2025-10-09	7.23	7.27	7.24	16.39	16.71	16.55
2025-10-10	7.22	7.24	7.23	16.27	16.55	16.45
2025-10-11	7.22	7.23	7.22	15.99	16.45	16.21
2025-10-12	7.22	7.33	7.26	15.89	16.11	16.03
2025-10-13	7.33	7.47	7.43	15.78	15.97	15.89
2025-10-14	7.48	7.57	7.52	15.56	15.85	15.70
2025-10-15	7.42	7.51	7.46	15.54	15.64	15.58
2025-10-16	7.39	7.42	7.41	15.39	15.58	15.47
2025-10-17	7.12	7.66	7.55	12.89	15.41	13.83
2025-10-18	7.47	7.64	7.59	12.81	15.11	13.55
2025-10-19	7.44	7.47	7.46	14.86	15.09	14.96
2025-10-20	7.36	7.45	7.40	14.92	15.09	15.03
2025-10-21	7.30	7.35	7.33	14.89	15.03	14.97
2025-10-22	7.30	7.31	7.30	14.79	14.90	14.84
2025-10-23	7.26	7.30	7.29	14.74	14.80	14.78
2025-10-24	7.23	7.26	7.24	14.61	14.76	14.71
2025-10-25	7.21	7.23	7.22	14.57	14.68	14.61
2025-10-26	7.20	7.21	7.21	14.41	14.58	14.48
2025-10-27	7.19	7.81	7.42	10.95	14.76	12.61
2025-10-28	7.65	7.75	7.71	11.20	12.68	11.63
2025-10-29	7.44	7.78	7.53	10.04	12.65	10.94
2025-10-30	7.44	7.51	7.46	9.96	10.75	10.09
2025-10-31	7.41	7.71	7.47	9.92	10.55	10.05

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
2025-10-01	173.23	175.28	174.31	4.11	4.71	4.46
2025-10-02	173.10	174.04	173.55	4.12	4.75	4.51
2025-10-03	14.46	173.21	172.15	4.19	4.64	4.53
2025-10-04	171.06	172.35	171.50	4.63	5.02	4.75
2025-10-05	168.41	171.62	170.31	4.73	5.18	5.00
2025-10-06	9.20	169.79	168.04	4.74	5.08	4.89
2025-10-07	7.47	168.40	166.52	4.80	5.16	5.00
2025-10-08	164.98	167.67	166.63	4.79	5.14	5.03
2025-10-09	19.05	167.07	165.58	4.63	5.10	4.88
2025-10-10	4.33	165.28	163.61	4.75	5.11	4.88
2025-10-11	161.48	163.46	162.25	4.80	5.07	4.93
2025-10-12	160.93	162.47	161.62	5.04	5.40	5.20
2025-10-13	159.63	161.03	160.24	5.42	5.73	5.62
2025-10-14	156.67	159.65	157.91	5.64	5.91	5.74
2025-10-15	155.83	163.08	156.66	5.44	5.91	5.84
2025-10-16	156.25	171.80	166.26	4.01	5.90	4.99
2025-10-17	153.33	173.58	163.69	3.16	6.45	4.90
2025-10-18	153.10	162.20	155.38	5.09	6.03	5.79
2025-10-19	149.37	157.02	152.30	5.51	6.22	5.94
2025-10-20	38.21	149.62	148.68	6.18	7.31	6.27
2025-10-21	147.38	148.25	147.96	6.32	6.45	6.39
2025-10-22	7.02	???	146.15	6.43	7.72	6.52
2025-10-23	30.20	147.01	146.00	6.50	6.92	6.57
2025-10-24	144.91	146.13	145.56	6.42	6.71	6.55
2025-10-25	144.78	151.54	145.41	6.52	6.83	6.72
2025-10-26	142.83	160.11	145.15	6.04	7.16	6.91
2025-10-27	141.92	143.80	142.85	6.91	7.36	7.13
2025-10-28	141.46	142.60	141.88	7.27	7.36	7.32
2025-10-29	139.38	141.52	140.25	7.25	7.50	7.41
2025-10-30	138.85	139.85	139.26	7.51	7.67	7.59
2025-10-31	138.73	140.21	139.36	7.21	7.63	7.49

Notes:

DO improving as seasonal reservoir stratification changes. Raw water quality improving.

Raw Water Specifications (Continued):

Date	Raw Manganese (ppm)		
	Min	Max	Average
2025-10-01	???	???	0.25
2025-10-02	???	???	0.25
2025-10-03	???	0.81	0.44
2025-10-04	0.40	0.63	0.54
2025-10-05	0.46	0.75	0.54
2025-10-06	0.36	0.85	0.45
2025-10-07	???	0.57	0.50
2025-10-08	0.46	0.61	0.53
2025-10-09	0.43	0.59	0.50
2025-10-10	0.44	0.71	0.51
2025-10-11	0.41	0.52	0.46
2025-10-12	0.46	0.54	0.50
2025-10-13	0.00	0.55	0.39
2025-10-14	0.45	0.57	0.49
2025-10-15	0.45	0.62	0.52
2025-10-16	0.43	0.61	0.52
2025-10-17	0.28	0.63	0.52
2025-10-18	0.49	0.61	0.55
2025-10-19	0.49	0.59	0.53
2025-10-20	0.00	0.70	0.53
2025-10-21	0.43	0.63	0.51
2025-10-22	0.48	0.62	0.54
2025-10-23	0.13	0.56	0.45
2025-10-24	0.14	0.93	0.48
2025-10-25	0.21	0.57	0.49
2025-10-26	0.21	0.64	0.51
2025-10-27	0.21	0.63	0.51
2025-10-28	0.48	0.67	0.58
2025-10-29	0.54	0.60	0.56
2025-10-30	0.55	0.55	0.55
2025-10-31	0.43	0.60	0.55

Notes:

Plant Mn analyzer warranty parts replaced and back online Oct 3rd.

Train 1 Filter Turbidity (NTU):

Date	Filter 1			Filter 2			Filter 3		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2025-10-01	0.01	0.06	0.02	0.01	0.03	0.02	0.01	0.03	0.01
2025-10-02	0.01	0.04	0.02	0.02	0.05	0.02	0.01	0.02	0.01
2025-10-03	0.01	0.03	0.02	0.01	0.09	0.03	0.01	0.02	0.01
2025-10-04	0.01	0.02	0.02	0.01	0.04	0.02	0.01	0.05	0.01
2025-10-05	0.02	0.07	0.02	0.01	0.03	0.01	0.01	0.02	0.01
2025-10-06	0.02	0.08	0.02	0.01	0.03	0.02	0.01	0.02	0.01
2025-10-07	0.01	0.06	0.02	0.02	0.07	0.02	0.01	0.03	0.01
2025-10-08	0.01	0.05	0.02	0.02	0.09	0.03	0.01	0.02	0.01
2025-10-09	0.01	0.05	0.02	0.02	0.09	0.03	0.01	0.02	0.02
2025-10-10	0.01	0.03	0.01	0.02	0.05	0.02	0.02	0.02	0.02
2025-10-11	0.01	0.04	0.01	0.03	0.06	0.04	0.02	0.03	0.03
2025-10-12	0.01	0.03	0.01	0.05	0.18	0.06	0.03	0.04	0.03
2025-10-13	0.01	0.11	0.02	0.06	0.09	0.07	0.03	0.04	0.04
2025-10-14	0.01	0.07	0.02	0.02	0.20	0.04	0.01	0.14	0.03
2025-10-15	0.01	0.02	0.01	0.01	0.03	0.02	0.01	0.02	0.01
2025-10-16	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.03	0.01
2025-10-17	0.01	0.06	0.02	0.01	0.06	0.02	0.01	0.03	0.01
2025-10-18	0.01	0.07	0.01	0.02	0.08	0.02	0.01	0.02	0.02
2025-10-19	0.01	0.07	0.01	0.01	0.06	0.02	0.01	0.07	0.02
2025-10-20	0.01	0.03	0.01	0.01	0.09	0.02	0.01	0.02	0.02
2025-10-21	0.01	0.03	0.01	0.01	0.15	0.02	0.02	0.08	0.02
2025-10-22	0.01	0.02	0.01	0.01	0.03	0.02	0.01	0.03	0.01
2025-10-23	0.01	0.02	0.01	0.01	0.04	0.02	0.01	0.03	0.01
2025-10-24	0.02	0.02	0.02	0.01	0.04	0.02	0.01	0.02	0.01
2025-10-25	0.02	0.03	0.02	0.01	0.03	0.02	0.01	0.02	0.01
2025-10-26	0.03	0.04	0.03	0.01	0.03	0.02	0.01	0.02	0.01
2025-10-27	0.03	0.04	0.03	0.01	0.05	0.02	0.01	0.02	0.01
2025-10-28	0.04	0.04	0.04	0.01	0.02	0.02	0.01	0.01	0.01
2025-10-29	0.04	0.06	0.05	0.01	0.02	0.02	0.01	0.01	0.01
2025-10-30	0.05	0.06	0.06	0.01	0.04	0.02	0.01	0.03	0.01
2025-10-31	0.06	0.07	0.06	0.01	0.04	0.02	0.01	0.02	0.01

Notes:

Train 2 Filter Turbidity (NTU)

Date	Filter 4			Filter 5			Filter 6		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2025-10-01	0.01	0.03	0.01	0.02	0.18	0.03	0.02	0.13	0.03
2025-10-02	0.01	0.02	0.01	0.02	0.04	0.02	0.01	0.06	0.02
2025-10-03	0.01	0.02	0.01	0.02	0.04	0.02	0.01	0.03	0.02
2025-10-04	0.01	0.02	0.01	0.02	0.08	0.02	0.01	0.11	0.02
2025-10-05	0.01	0.02	0.01	0.02	0.05	0.02	0.01	0.03	0.02
2025-10-06	0.01	0.02	0.01	0.02	0.03	0.02	0.01	0.05	0.02
2025-10-07	0.01	0.03	0.01	0.02	0.04	0.02	0.01	0.04	0.02
2025-10-08	0.01	0.02	0.01	0.01	0.04	0.02	0.01	0.03	0.01
2025-10-09	0.01	0.01	0.01	0.01	0.04	0.02	0.01	0.02	0.01
2025-10-10	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.03	0.01
2025-10-11	0.01	0.02	0.01	0.01	0.04	0.02	0.01	0.03	0.01
2025-10-12	0.01	0.03	0.01	0.02	0.02	0.02	0.01	0.02	0.01
2025-10-13	0.01	0.02	0.01	0.02	0.02	0.02	0.01	0.02	0.02
2025-10-14	0.01	0.04	0.01	0.02	0.04	0.02	0.01	0.03	0.02
2025-10-15	0.01	0.06	0.02	0.02	0.04	0.03	0.02	0.05	0.03
2025-10-16	0.01	0.02	0.01	0.02	0.11	0.03	0.05	0.05	0.05
2025-10-17	0.01	0.03	0.01	0.01	0.06	0.02	0.05	0.06	0.05
2025-10-18	0.01	0.04	0.01	0.02	0.02	0.02	0.05	0.06	0.05
2025-10-19	0.01	0.02	0.01	0.02	0.03	0.02	0.02	0.15	0.05
2025-10-20	0.01	0.02	0.02	0.02	0.03	0.03	0.01	0.02	0.02
2025-10-21	0.02	0.02	0.02	0.03	0.04	0.03	0.01	0.03	0.02
2025-10-22	0.02	0.03	0.02	0.04	0.05	0.04	0.02	0.03	0.02
2025-10-23	0.02	0.07	0.02	0.05	0.06	0.05	0.02	0.03	0.03
2025-10-24	0.01	0.03	0.02	0.05	0.06	0.05	0.03	0.04	0.03
2025-10-25	0.01	0.02	0.02	0.06	0.07	0.06	0.03	0.04	0.04
2025-10-26	0.02	0.05	0.02	0.06	0.08	0.07	0.04	0.05	0.04
2025-10-27	0.02	0.07	0.02	0.07	0.09	0.08	0.04	0.06	0.05
2025-10-28	0.02	0.02	0.02	0.08	0.09	0.08	0.05	0.06	0.05
2025-10-29	0.02	0.03	0.02	0.09	0.10	0.09	0.05	0.07	0.06
2025-10-30	0.02	0.09	0.03	0.09	0.11	0.10	0.06	0.07	0.06
2025-10-31	0.01	0.10	0.03	0.01	0.32	0.08	0.06	0.07	0.06

Notes:

UV Treatment:

Date	Average Flow (L/s)	Avg Validated Dose (mj/cm2)	Undosed Flow (ML)
2025-10-01	202.23	22.00	0.0000
2025-10-02	242.12	22.00	0.0000
2025-10-03	204.98	21.27	0.0000
2025-10-04	237.20	22.00	0.0000
2025-10-05	190.31	21.75	0.1211
2025-10-06	188.41	22.00	0.0003
2025-10-07	212.49	22.00	0.0000
2025-10-08	160.36	21.93	0.0000
2025-10-09	176.35	22.00	0.0000
2025-10-10	150.88	22.00	0.0000
2025-10-11	141.92	22.00	0.0000
2025-10-12	135.82	22.00	0.0000
2025-10-13	146.65	22.00	0.0000
2025-10-14	132.67	22.00	0.0000
2025-10-15	167.79	22.00	0.0000
2025-10-16	123.46	19.27	0.0000
2025-10-17	122.89	22.00	0.0002
2025-10-18	102.12	22.00	0.0000
2025-10-19	104.57	22.00	0.0000
2025-10-20	85.52	22.00	0.0000
2025-10-21	112.93	22.00	0.0000
2025-10-22	91.75	22.00	0.0000
2025-10-23	86.38	19.71	0.0000
2025-10-24	84.23	19.20	0.0003
2025-10-25	86.82	19.51	0.0004
2025-10-26	80.03	18.72	0.0003
2025-10-27	86.41	22.00	0.0000
2025-10-28	77.29	22.00	0.0000
2025-10-29	88.49	22.00	0.0000
2025-10-30	76.60	20.24	0.0000
2025-10-31	81.27	22.00	0.0000

Monthly Total (ML):

0.1226

% of monthly water that was not UV treated:

0.033%

Notes:

UV Transmittance %:

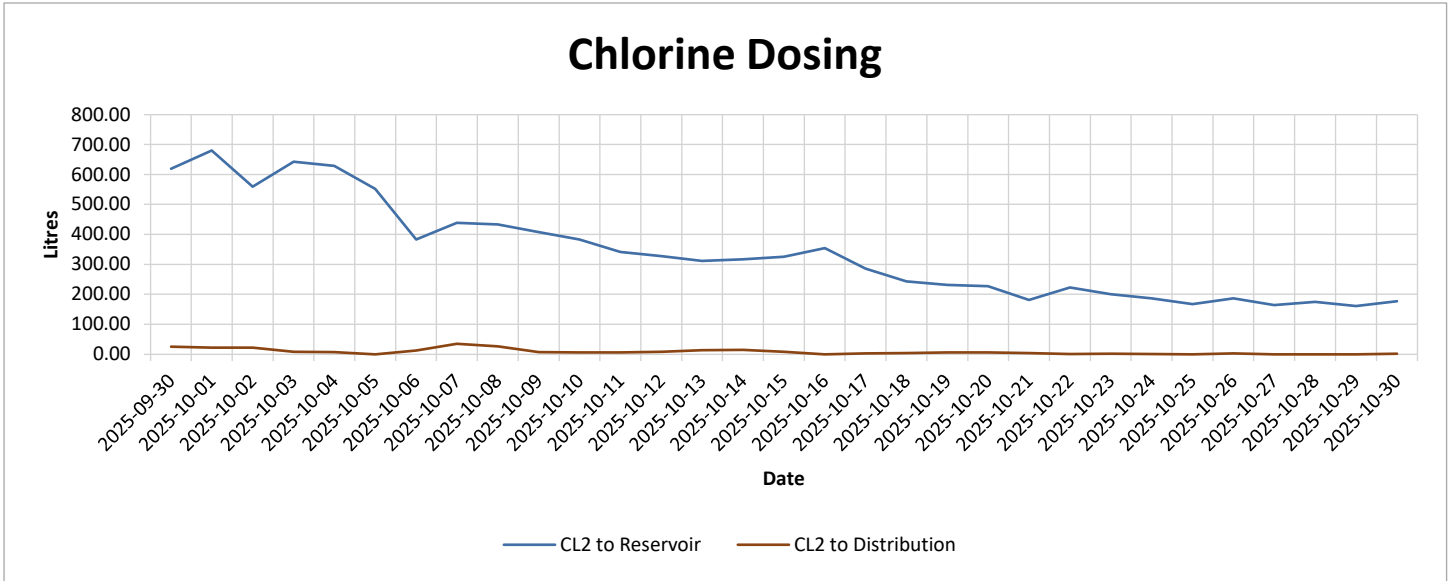
Date	Min	Max	Average
2025-10-01	87.64	90.06	89.28
2025-10-02	88.30	90.21	89.50
2025-10-03	88.18	90.67	89.46
2025-10-04	87.55	89.89	88.84
2025-10-05	88.30	90.50	89.36
2025-10-06	85.18	89.57	87.79
2025-10-07	86.50	89.89	88.47
2025-10-08	87.77	90.13	88.99
2025-10-09	88.25	89.96	89.15
2025-10-10	87.47	90.74	89.39
2025-10-11	87.89	90.09	89.16
2025-10-12	87.64	90.31	89.30
2025-10-13	87.55	89.60	88.73
2025-10-14	88.03	90.26	89.14
2025-10-15	88.21	90.26	89.25
2025-10-16	86.74	90.21	88.72
2025-10-17	87.52	90.13	88.82
2025-10-18	86.98	89.57	88.35
2025-10-19	87.47	89.89	88.69
2025-10-20	87.18	89.23	88.34
2025-10-21	86.52	89.30	88.31
2025-10-22	85.01	91.40	88.64
2025-10-23	81.86	89.04	88.09
2025-10-24	86.74	89.96	88.39
2025-10-25	85.84	89.11	88.32
2025-10-26	87.11	90.43	88.26
2025-10-27	87.23	89.04	88.09
2025-10-28	86.69	89.57	88.26
2025-10-29	86.98	89.82	88.13
2025-10-30	87.79	89.52	88.76
2025-10-31	86.86	89.96	88.79

Notes:

Chemical Demand:

Chlorine Used:

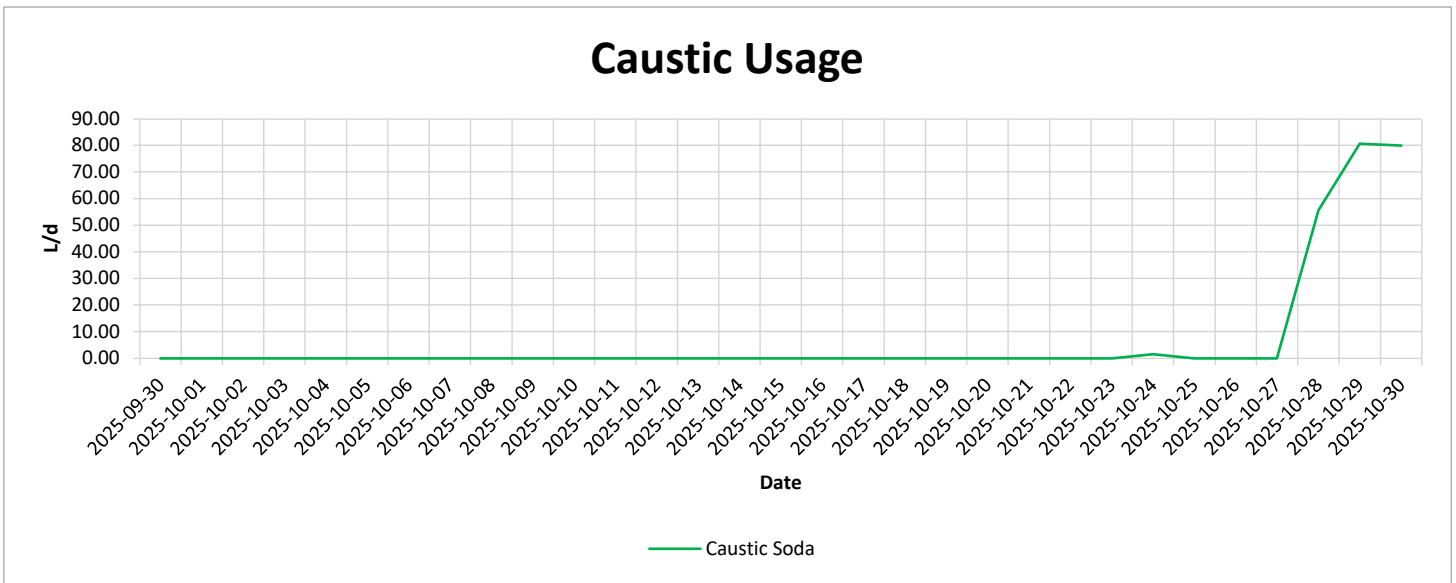
Total for Month
10747.13 Litres



Notes:

Caustic Soda Used:

Total for Month
217.67 Litres

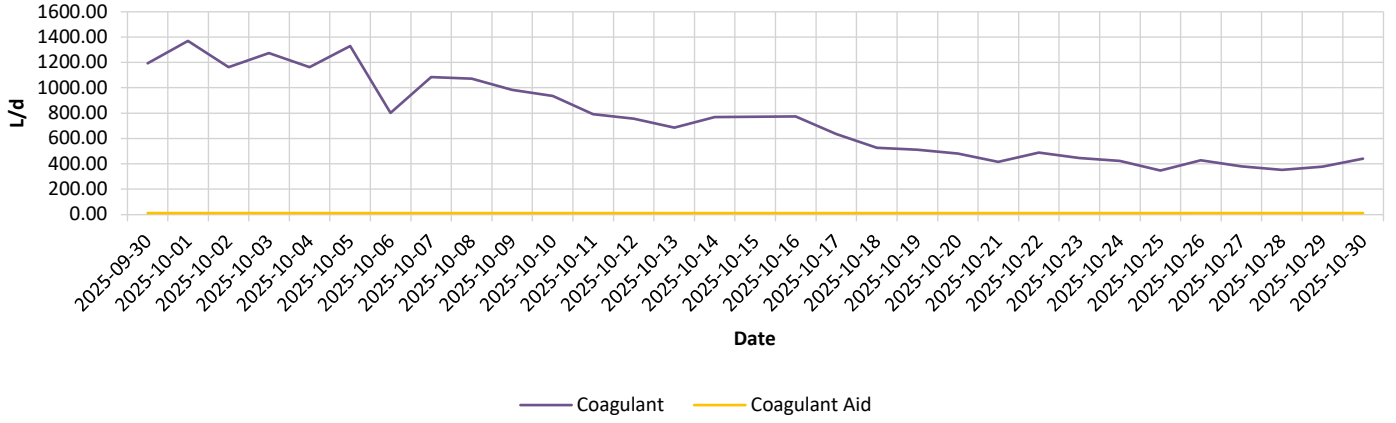


Notes:

Coagulant Used:
Coagulant Aid Used:

Total for Month
 23169.67 Litres
 305.12 Litres

Coagulant and Aid Usage



Notes:

Polymer @ .2% Concentration:

Total for Month
 51403.81 Litres

Polymer @ .5% Concentration:

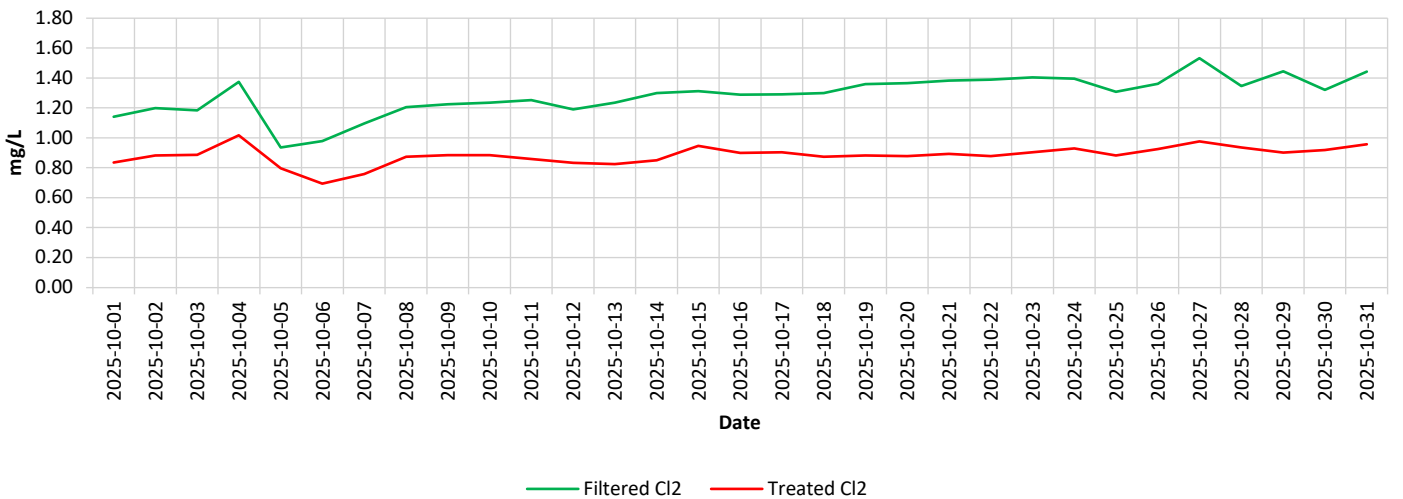
Total for Month
 104492.87 Litres

Chlorine Dose

Filtered Water Residual Cl2 Average (mg/L): 1.28 mg/L

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

Average Residual CL2 Content



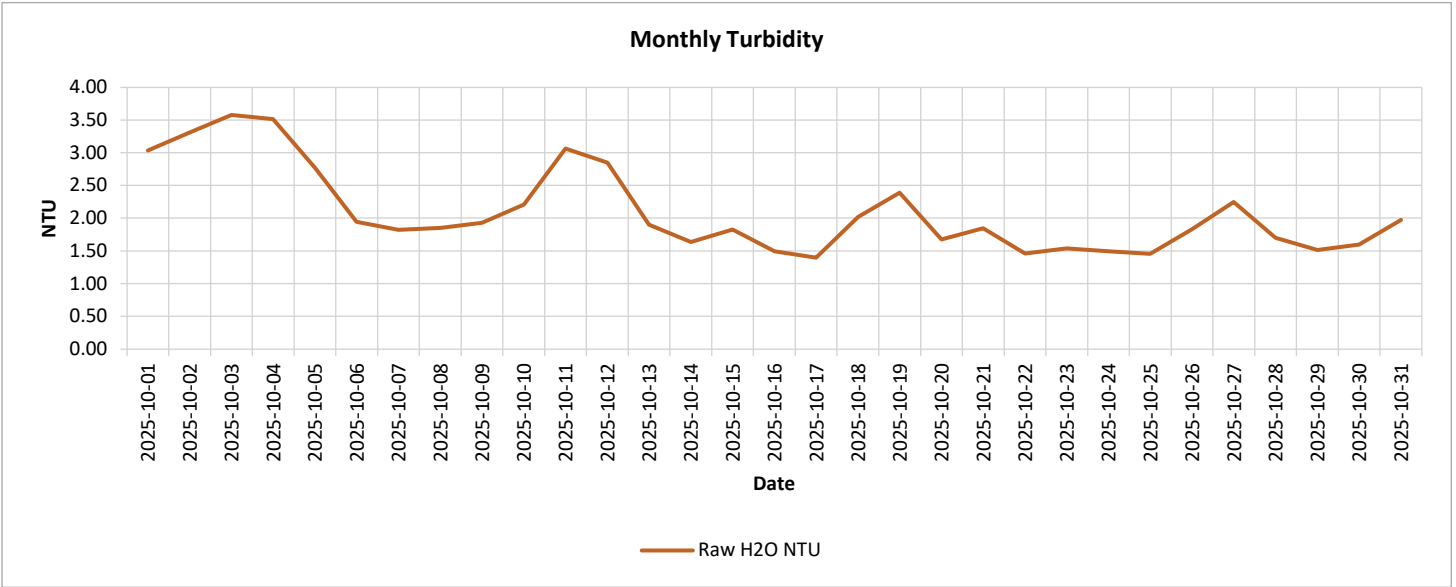
Water Quality Analytics:

Turbidity

Raw Water Monthly Average:

2.09

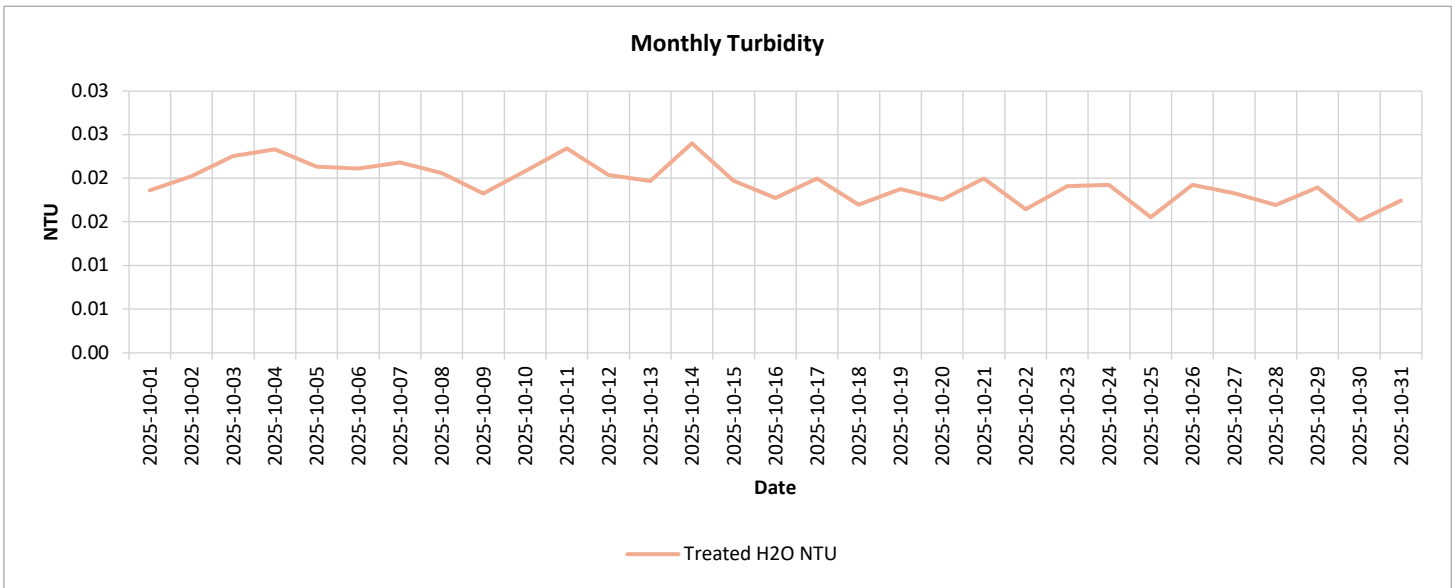
NTU



Treated Water Monthly Average:

0.02

NTU



Notes:

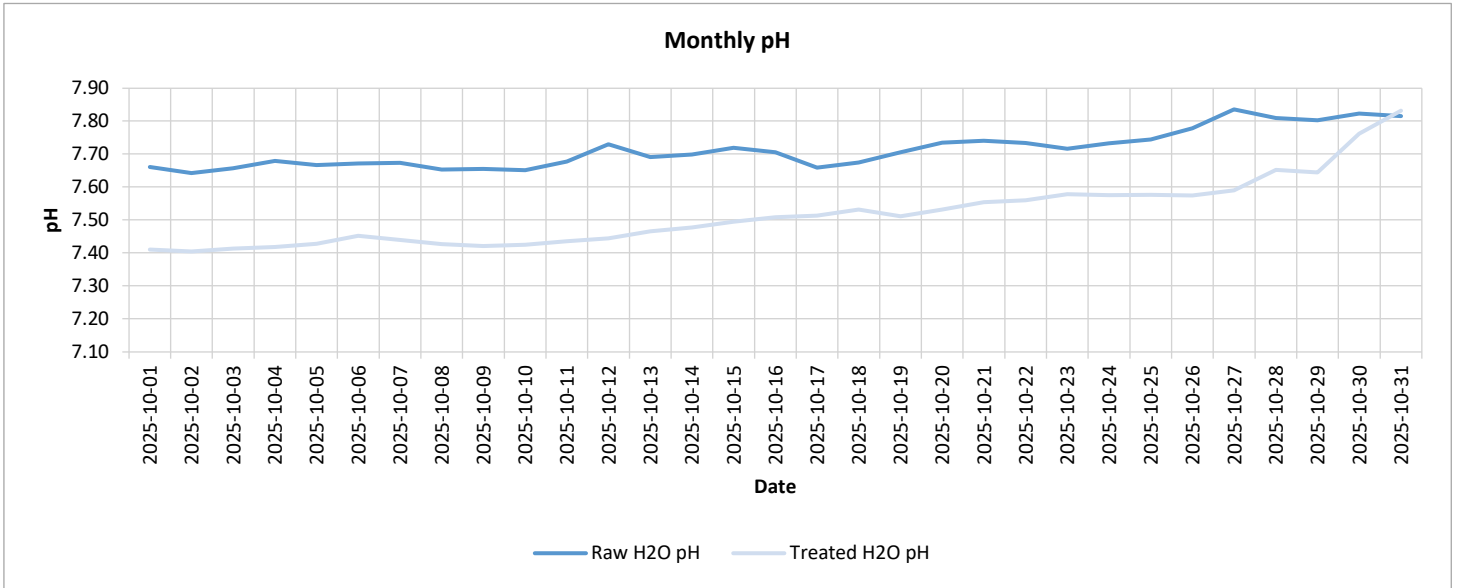
pH

Raw Water Monthly Average:

7.71 pH

Treated Water Monthly Average:

7.52 pH



Notes:

Rose Valley WTP Operational Highlights:

- Oct 3rd** - Mn analyzer at the plant back online after warranty parts replaced and fixing weak connection on waste valve.
- Oct 5th** - Power outage @ 2200hrs.
- Oct 7th** - Gravity Thickener out of service for draining, cleaning, and annual inspections. Back in service by the end of the day.
- Oct 9th** - Calibrated Sodium Hypochlorite pump - P753 after tube & head replacement.
- Oct 10th** - Clean Treated water UVT analyzer & re-zero instrument.
- Oct 15th** - ACH delivery today; Drop Daf #3 for cleaning and annual maintenance.
- Oct 16th** - Replaced actuator on bottom sludge valve due to malfunctioning when closing.
- Oct 17th** - Swapped over to the 450mm raw water static mix line due to reduction in incoming flows; Re-calibrate both Coagulant pumps 711 & 712.
- Oct 18th** - Raw water Dam Mn analyzer taken out of service for season. Continuing 3rd party testing via CARO.
- Oct 20th** - Flush and clean all NTU analyzers & particle counter.
- Oct 21st** - Swap over to Treated Bypass main due to reduction in demand.
- Oct 22nd** - Mearls here to pull Treated water Vertical Turbine pump with Daves Crane. Sent away for inspection.
- Oct 27th** - Cleaned all pH housing and probes.
- Oct 28th** - Closed Big Horn Dam for the season. Caustic pumps are back online and working sending pH correction back to the treated water. Clean out Daf #3 and Daf #1 offline and cleaned.
- Oct 29th** - Re-calibrated all pH analyzers. Re-fill Daf #1 after cleaning.
- Oct 30th** - Transfer Day Tank polymer from Train #2 and Clean out tanks for annual maintenance.
- Oct 31st** - Drain Daf #4 for cleaning and annual maintenance checks. 100 hour service on CTF 670. Postpone Mn samples sent to CARO until next season.

Rose Valley Watershed Operational Highlights:

Ongoing dam maintenance through out the month

Rose Valley

- Weekly Dam inspections
- Oct 2nd level was 596.61m
- Oct 7th completed Piezometers and ran back up generator
- Oct 28th level was 597.64m

Esperon

- Empty and closed for season

Bighorn

- Weekly Dam inspections
- Oct 2nd level was 1351m
- Oct 8th completed Piezometers and put new handrails up around spillway as per Acora
- Oct 28th level was 1346.55m closed for the season

BCI/Rotork

- Rotork was maintained at 20% opened
- Oct 29th closed for season
- BCI maintained good fish flow and a 1" minimum over lowest tier for all of October. 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

October 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 October.
- October Bacteriological sampling summary:
 - 31 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*.
- October 3, 2025 – Tallus Reservoir hypo dosing was lowered from 150mL/hr to 100mL/hr.
- October 8, 2025 – Tallus Reservoir hypo dosing was lowered from 100mL/hr to 75mL/hr.
- October 8, 2025 – Lower Boucherie PS hypo stock strength was changed on PLC to 6.3%.
- October 10, 2025 – Lakeview Cove PS hypo dosing was lowered from 340mL/hr to 200mL/hr.
- October 10, 2025 – Menu PS hypo stock strength was changed on PLC to 11%.
- October 15, 2025 – Lower Boucherie PS FCR online analyzer calibration adjustment of 0.14mg/L increase.
- October 22, 2025 – Menu PS hypo stock strength was changed on PLC to 11.4%.
- October 22, 2025 – Lower Boucherie PS hypo stock strength was changed on PLC to 7.1%.
- October 24, 2025 – Upper Boucherie Reservoir FCR online analyzer calibration adjustment of 0.04mg/L increase for the Outlet and 0.17mg/L increase for the Inlet.
- October 29, 2025 – Lower Boucherie PS hypo stock strength was changed on PLC to 8.2%.
- October 29, 2025 – Tallus Reservoir hypo stock strength was changed on PLC to 8.0% and the hypo dosing was changed from 75mL/hr to 100mL/hr.
- October 31, 2025 – Menu PS FCR online analyzer calibration adjustment of 0.30mg/L increase.

Operational System Improvements/Events

- October 2, 2025 – Casa Loma PRV#14 leak on ball valve was repaired. Water disruption downstream of PRV from 8-8:30pm to all home in the pressure zone.
- October 2, 2025 – 3100 Topham Rd leaking curb stop standpipe. Repaired by City contractor, no water service disruption.
- October 5, 2025 – Large scaled planned BC Hydro power outage occurred from 10pm October 5th till 6am October 6th affecting parts of the RVWSA mostly in the West Kelowna Estates area.
 - Utility planned accordingly dispensing generators and equipment, no notable problems or concerns arose from this planned event.

- October 6, 2025 – 2980 Collens Hills Rd water service leak repair completed by City staff and contractor. Approximately 26 homes affected by water service disruption from 8:20pm to 9:30pm. This was a Type 2 break that was fully excavated prior to isolation, no contamination was identified.
- October 16, 2025 – Flushing Zone 4 was completed
 - PSA was released and website update to notify residents that the flushing crews were transitioning from Zone 4 to Zone 5.
 - October 20, 2025 – Zone 5 flushing was started.
- October 17, 2025 – 2170 Shamrock Dr water service leak repair completed by City staff. Only one home affected by repair.
- October 21, 2025 – 2711 Cordova Way water service leak repaired by City contractor. One home 2720 Cordova Way was affected by repair.
- October 22, 2025 – Shannon Way Reservoir maintenance and repairs completed by maintenance operator and EI Technician on level to current transmitter, flow control valve and the junction box on the opening solenoid.
- October 28, 2025 – Pinewoods PS hypo pumps were serviced, replacing and cleaning all appurtenances related to the pumps.
- October 28, 2025 – Lakeview Cove PS hypo pumps were serviced, replacing and cleaning all appurtenances related to the pumps.
- October 30, 2025 – Tallus Reservoir hypo pumps were serviced the following was done; all pump check valves replaced, pump head O-ring replaced, pump diaphragm replaced, mounting screws replaced and general cleaning of other parts of the pumps.
- October 1-31, 2025 – All pump stations and sample taps were winterized.
- October 1-31, 2025 – All agricultural service connections were turned off for the season.

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.

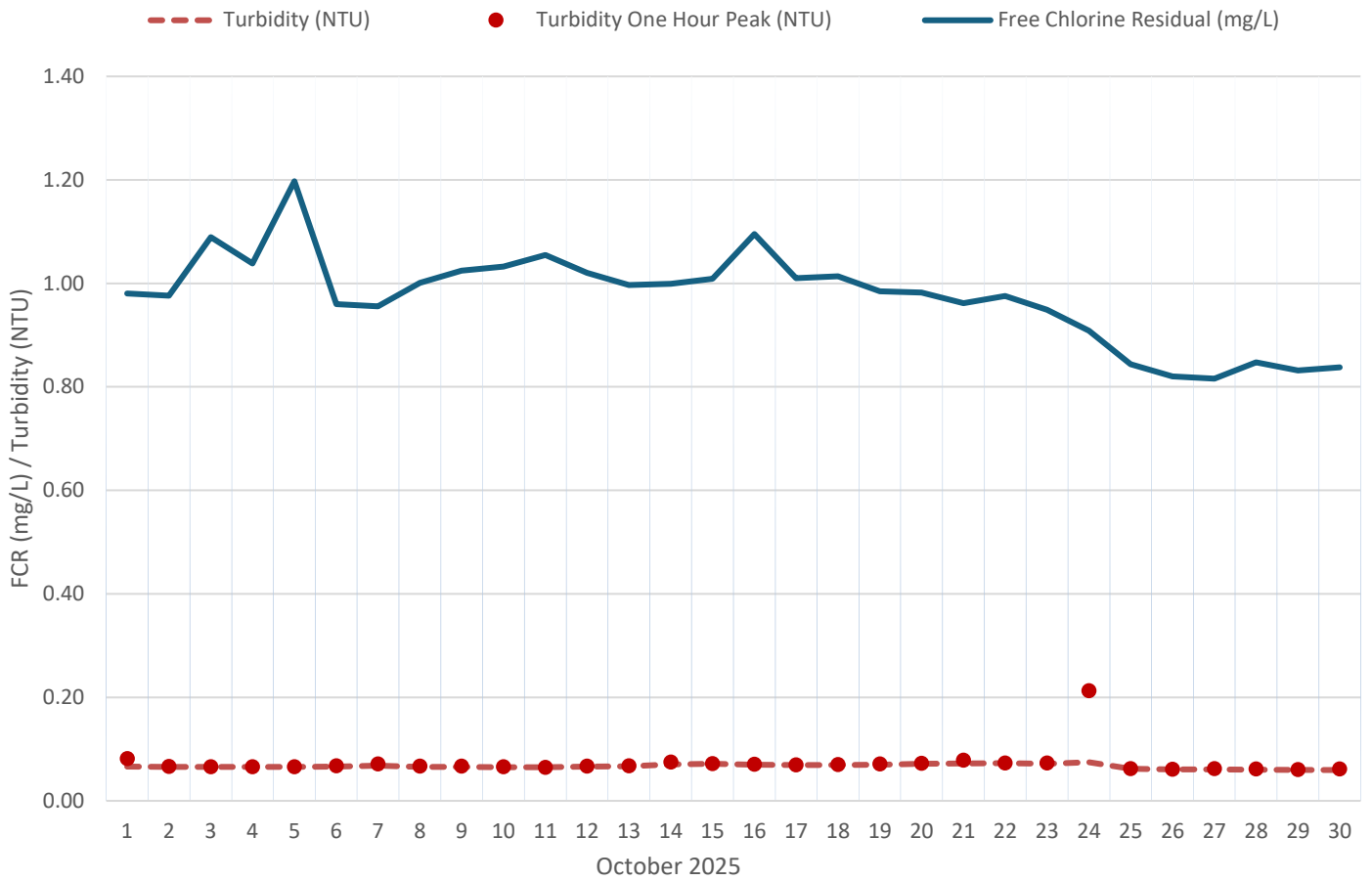
Note – the locations included in the monthly report are the samples that are tested regularly on a weekly basis but are 9 of 19 total grab sample locations taken throughout the system in the month.

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)
Oct 2025								
1	0.07	0.08	0.85	1.10	0.98	18.10	7.67	828
2	0.07	0.07	0.85	1.06	0.98	17.79	7.67	829
3	0.07	0.07	0.87		1.09	17.50	7.67	833
4	0.07	0.07	0.96	1.15	1.04	17.14	7.68	830
5	0.07	0.07	1.01	1.33	1.20	16.87	7.69	838
6	0.07	0.07	0.82	1.10	0.96	16.62	7.70	824
7	0.07	0.07	0.79	1.11	0.96	16.48	7.72	820
8	0.07	0.07	0.86	1.14	1.00	16.37	7.70	827
9	0.07	0.07	0.93	1.13	1.02	16.15	7.70	832
10	0.07	0.07	0.96		1.03	16.22	7.69	833
11	0.06	0.07	0.93	1.16	1.05	16.20	7.69	832
12	0.07	0.07	0.94	1.11	1.02	16.01	7.71	830
13	0.07	0.07	0.94	1.10	1.00	15.70	7.72	827
14	0.07	0.08	0.93	1.10	1.00	15.36	7.74	825
15	0.07	0.07	0.94	1.07	1.01	15.02	7.75	827
16	0.07	0.07	1.03	1.14	1.10	14.64	7.76	831
17	0.07	0.07	0.91	1.09	1.01	14.42	7.77	827
18	0.07	0.07	0.95	1.08	1.01	14.15	7.78	827
19	0.07	0.07	0.94	1.05	0.98	14.01	7.79	825
20	0.07	0.07	0.94	1.03	0.98	13.80	7.80	825
21	0.07	0.08	0.91	1.00	0.96	13.50	7.81	823
22	0.07	0.07	0.92	1.02	0.98	13.23	7.82	823
23	0.07	0.07	0.92	1.00	0.95	13.07	7.83	821
24	0.07	0.21	0.81	0.97	0.91	12.99	7.84	818
25	0.06	0.06	0.80	0.89	0.84	12.89	7.84	813
26	0.06	0.06	0.77	0.90	0.82	12.75	7.85	811
27	0.06	0.06	0.78	0.86	0.82	12.55	7.86	810
28	0.06	0.06	0.79	0.90	0.85	12.38	7.88	810
29	0.06	0.06	0.80	0.89	0.83	12.14	7.96	801
30	0.06	0.06	0.79	0.95	0.84	12.04	8.03	795
31	0.06	0.06	0.82	0.93	0.88	11.93	8.10	790
Average	0.07		0.89	1.24	0.97	14.77	7.78	822
Min	0.06		0.77	0.86	0.82	11.93	7.67	790
Max	0.07	0.21	1.03	1.33	1.20	18.10	8.10	838

Rosewood PS Online Data



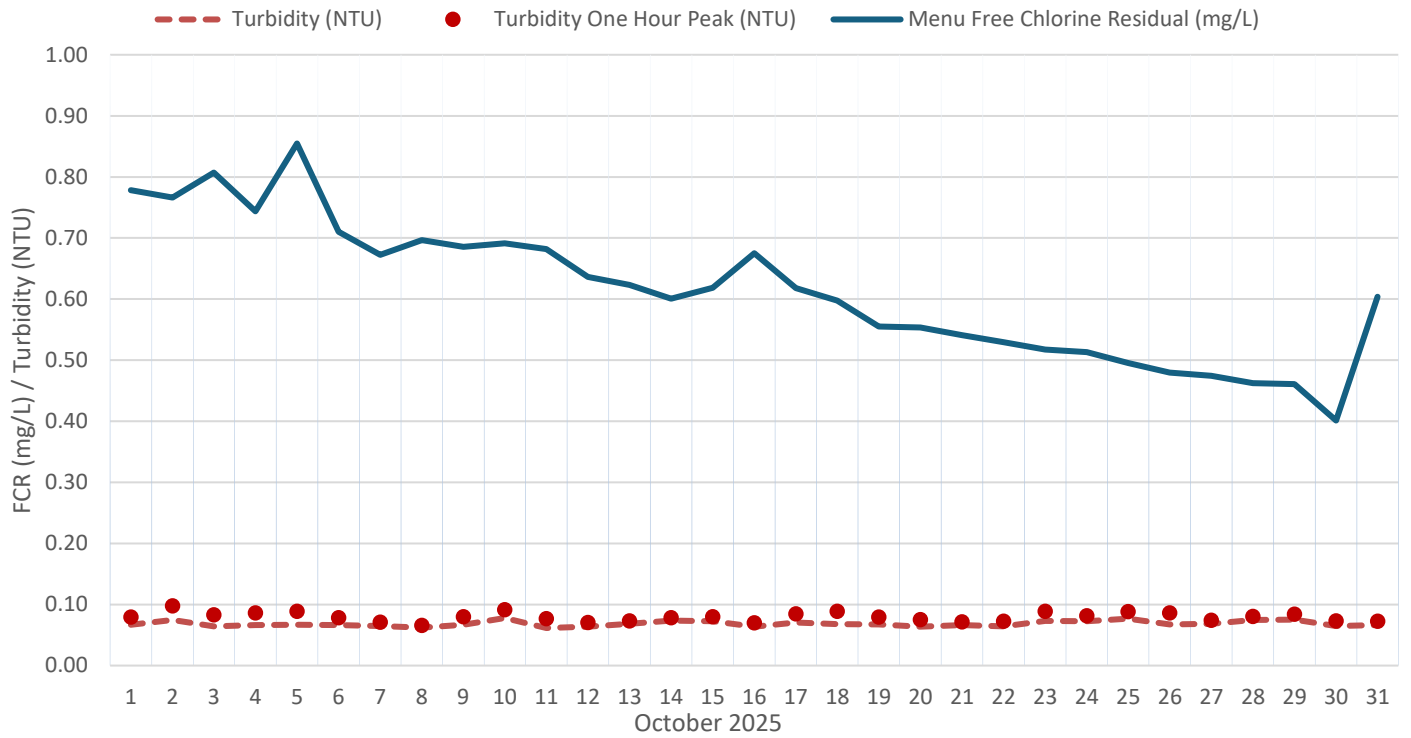
Rosewood PS Water Quality

Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
01-Oct-25	0.39	0.06	18.1	0.86	1.06	7.38
07-Oct-25	0.10	0.06	16.8	1.01	0.99	7.20
14-Oct-25	0.28	0.34	15.3	0.96	1.00	7.22
21-Oct-25	0.09	0.07	13.5	0.84	0.96	7.38
28-Oct-25	0.13	0.08	12.7	0.86	0.85	7.25
# of Samples	5	5	5	5	5	5
Average	0.20	0.12	15.3	0.91	0.97	7.286
Range	0.09-0.39	0.06-0.34	12.7-18.1	0.84-1.01	0.85-1.06	7.2-7.38

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)
Oct 2025									
1	4702	0.07	0.08	17.57	7.15	862	0.64	0.96	0.78
2	4735	0.07	0.10	17.38	7.14	862	0.66	0.86	0.77
3	5443	0.06	0.08	17.11	7.13	866	0.73	0.89	0.81
4	4201	0.07	0.09	16.94	7.13	863	0.64	0.85	0.74
5	4062	0.07	0.09	16.75	7.13	869	0.69	0.93	0.85
6	4159	0.07	0.08	16.57	7.12	860	0.60	0.83	0.71
7	4092	0.06	0.07	16.36	7.13	852	0.59	0.75	0.67
8	4510	0.06	0.07	16.21	7.10	859	0.61	0.77	0.70
9	3571	0.07	0.08	16.13	7.07	862	0.61	0.74	0.69
10	3437	0.08	0.09	16.01	7.05	865	0.65	0.75	0.69
11	3257	0.06	0.08	15.84	7.03	865	0.61	0.75	0.68
12	2793	0.06	0.07	15.65	7.03	861	0.58	0.70	0.64
13	2590	0.07	0.07	15.32	7.03	860	0.57	0.69	0.62
14	2661	0.07	0.08	15.02	7.04	856	0.55	0.66	0.60
15	3808	0.07	0.08	14.63	7.03	859	0.55	0.69	0.62
16	3992	0.06	0.07	14.22	7.03	864	0.62	0.72	0.68
17	3048	0.07	0.08	14.10	7.03	859	0.56	0.67	0.62
18	2854	0.07	0.09	13.96	7.03	858	0.53	0.64	0.60
19	1734	0.07	0.08	13.89	7.03	854	0.50	0.58	0.55
20	2019	0.06	0.08	13.75	7.03	855	0.51	0.59	0.55
21	1385	0.07	0.07	13.68	7.03	854	0.50	0.57	0.54
22	1759	0.06	0.07	13.45	7.04	852	0.48	0.57	0.53
23	1558	0.07	0.09	13.36	7.04	852	0.44	0.54	0.52
24	1678	0.07	0.08	13.14	7.05	851	0.47	0.54	0.51
25	1826	0.08	0.09	13.05	7.05	850	0.45	0.53	0.50
26	1753	0.07	0.09	12.96	7.04	849	0.43	0.51	0.48
27	1384	0.07	0.07	12.79	7.05	847	0.45	0.50	0.47
28	1567	0.07	0.08	12.56	7.06	847	0.41	0.50	0.46
29	1430	0.08	0.08	12.36	7.10	843	0.44	0.49	0.46
30	1597	0.06	0.07	12.25	7.16	833	0.37	0.44	0.40
31	1166	0.07	0.07	12.04	7.23	829	0.38	0.75	0.60
Total	84069								
Average	2863.57	0.07		14.68	7.07	855	0.54	0.68	0.61
Min	1166.05	0.06		12.04	7.03	829	0.37	0.44	0.40
Max	5442.71	0.08	0.10	17.57	7.23	869	0.73	0.96	0.85

Menu PS Online Data

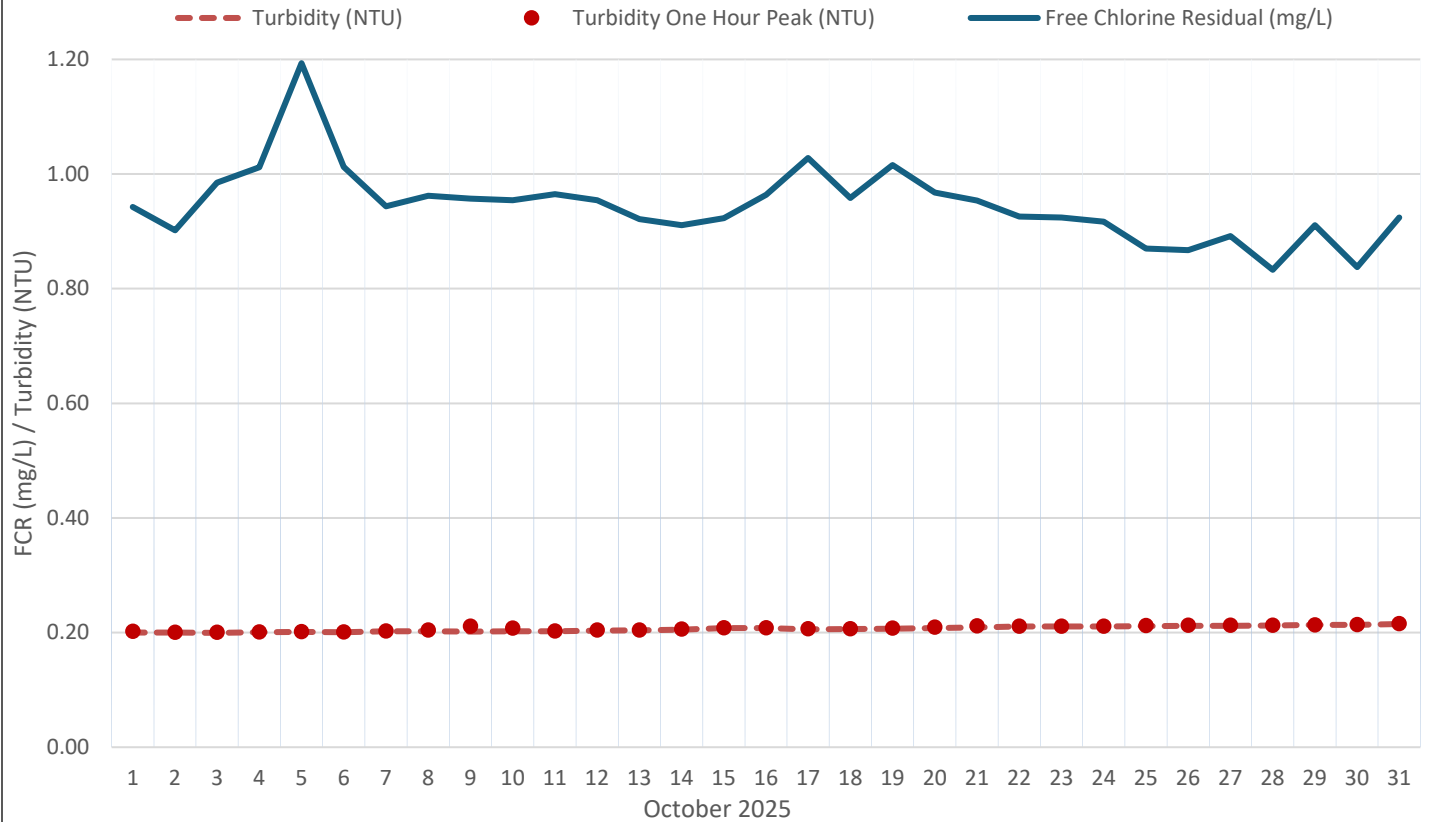


Menu PS Water Quality						
Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
01-Oct-25	0.14	0.06	17.5	0.77	0.86	7.51
07-Oct-25	0.11	0.06	16.3	0.81	0.70	7.39
14-Oct-25	0.10	0.06	14.9	0.77	0.62	7.21
21-Oct-25	0.26	0.06	13.7	0.64	0.54	7.41
28-Oct-25	0.11	0.06	12.6	0.62	0.45	7.45
# of Samples	5	5	5	5	5	5
Average	0.14	0.06	15.0	0.72	0.63	7.39
Range	0.10-0.26	0.06-0.06	12.6-17.5	0.62-0.81	0.45-0.86	7.21-7.51

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 (us/cm)	Avg (mV)
Oct 2025									
1	0.20	0.20	0.77	1.14	0.94	18.04	7.57	217.71	827
2	0.20	0.20	0.78	1.03	0.90	17.92	7.57	217.24	826
3	0.20	0.20	0.84		0.98	17.71	7.57	217.50	831
4	0.20	0.20	0.81	1.19	1.01	17.24	7.57	217.24	833
5	0.20	0.20	0.00		1.19	17.08	7.58	216.06	840
6	0.20	0.20	0.84		1.01	16.96	7.58	214.75	830
7	0.20	0.20	0.82	1.13	0.94	16.75	7.61	212.87	819
8	0.20	0.20	0.83	1.12	0.96	16.63	7.60	212.22	825
9	0.20	0.21	0.86	1.07	0.96	16.41	7.59	212.59	829
10	0.20	0.21	0.85	1.04	0.95	16.27	7.58	212.85	834
11	0.20	0.20	0.89	1.04	0.97	15.97	7.58	212.47	835
12	0.20	0.20	0.85	1.09	0.95	15.77	7.59	211.69	832
13	0.20	0.20	0.86	1.03	0.92	15.71	7.60	211.40	829
14	0.20	0.21	0.84	1.02	0.91	15.42	7.62	211.13	825
15	0.21	0.21	0.84	1.02	0.92	15.03	7.63	211.11	826
16	0.21	0.21	0.84	1.12	0.96	14.82	7.63	210.39	830
17	0.21	0.21	0.87		1.03	14.85	7.64	209.30	827
18	0.21	0.21	0.86	1.05	0.96	14.56	7.65	208.72	826
19	0.21	0.21	0.89		1.02	14.30	7.66	208.63	821
20	0.21	0.21	0.87	1.08	0.97	14.29	7.66	208.45	824
21	0.21	0.21	0.87	1.05	0.95	14.11	7.67	208.11	823
22	0.21	0.21	0.83	1.00	0.93	13.97	7.68	207.72	821
23	0.21	0.21	0.83	1.03	0.92	13.85	7.69	207.42	820
24	0.21	0.21	0.84	1.03	0.92	13.68	7.70	207.37	819
25	0.21	0.21	0.76	1.00	0.87	13.61	7.70	207.19	816
26	0.21	0.21	0.78	1.00	0.87	13.48	7.70	207.07	816
27	0.21	0.21	0.78	1.02	0.89	13.30	7.71	206.62	816
28	0.21	0.21	0.74	0.93	0.83	13.18	7.72	206.08	812
29	0.21	0.21	0.83	0.98	0.91	12.97	7.76	206.82	812
30	0.21	0.21	0.77	0.91	0.84	12.77	7.84	207.59	798
31	0.21	0.22	0.81	0.99	0.92	12.60	7.90	209.17	795
Average	0.21		0.80	1.04	0.95	15.14	7.65	210.82	823
Min	0.20		0.00	0.91	0.83	12.60	7.57	206.08	795
Max	0.21	0.22	0.89	1.19	1.19	18.04	7.90	217.71	840

Blackwood PS Inlet Online Data



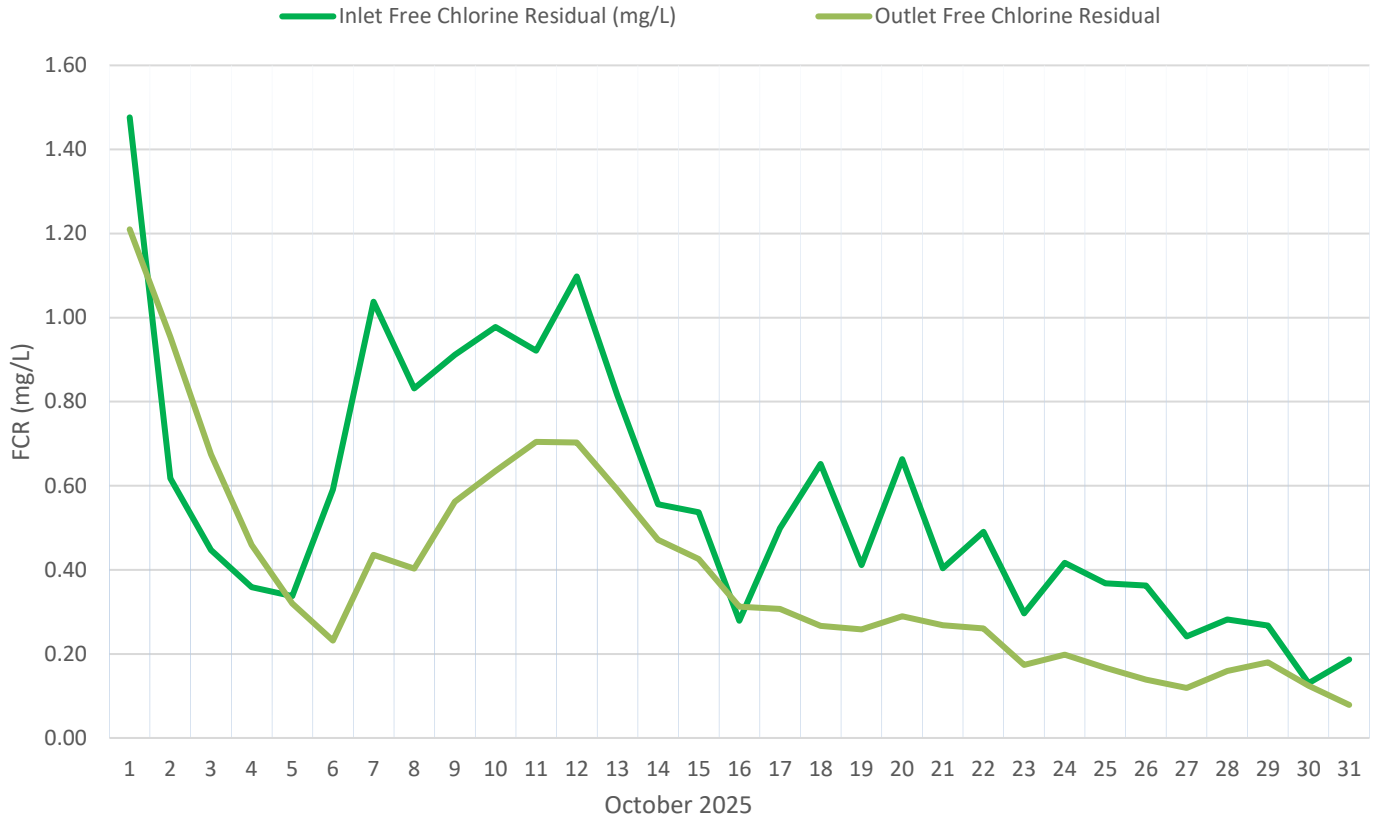
Blackwood PS Outlet Water Quality

Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
01-Oct-25	0.53	0.16	18.0	0.60	0.28	7.39
07-Oct-25	0.31	0.06	17.7	0.68	0.43	7.19
14-Oct-25	0.24	0.07	16.8	0.58	0.58	7.25
21-Oct-25	0.12	0.09	14.7	0.45	0.41	7.58
28-Oct-25	0.10	0.06	13.3	0.52	0.52	7.37
# of Samples	5	5	5	5	5	5
Average	0.26	0.09	16.1	0.57	0.44	7.36
Range	0.10-0.53	0.06-0.16	13.3-18.0	0.45-0.68	0.28-0.58	7.19-7.58

Upper Boucherie Outlet

Upper Boucherie Res Online Data									
Date	Temp	pH	ORP	Upper Boucherie Inlet FCR			Upper Boucherie Outlet FCR		
	Avg (°C)	Avg (pH)	Avg (mV)	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
Oct 2025									
1	18.87	7.78	0.00	0.40	2.50	1.48	1.08	1.87	1.21
2	18.74	7.76	0.00	0.30	2.04	0.62	0.73	1.11	0.95
3	18.48	7.75	0.00	0.21	1.18	0.45	0.45	0.87	0.67
4	18.30	7.75	0.00	0.22	1.01	0.36	0.27	0.61	0.46
5	18.06	7.75	0.00	0.18	1.23	0.34	0.24	0.45	0.32
6	17.95	7.77	0.00	0.17	1.05	0.59	0.18	0.27	0.23
7	17.76	7.77	0.00	0.16	1.69	1.04	0.18	1.20	0.44
8	17.74	7.79	0.00	0.22	2.04	0.83	0.26	0.91	0.40
9	17.47	7.79	0.00	0.28	1.87	0.91	0.38	1.32	0.56
10	17.30	7.80	0.00	0.27	2.00	0.98	0.48	1.25	0.63
11	17.05	7.80	0.00	0.51	1.87	0.92	0.57	1.42	0.70
12	16.71	7.79	0.00	0.33	2.25	1.10	0.59	1.01	0.70
13	16.59	7.78	0.00	0.25	1.74	0.82	0.52	0.68	0.59
14	16.42	7.81	0.00	0.16	1.71	0.56	0.32	0.52	0.47
15	16.16	7.82	0.00	0.19	1.60	0.54	0.38	0.54	0.43
16	15.90	7.83	0.00	0.14	1.31	0.28	0.21	0.38	0.31
17	15.75	7.84	0.00	0.15	1.35	0.50	0.23	0.53	0.31
18	15.42	7.83	0.00	0.12	2.01	0.65	0.20	0.42	0.27
19	15.29	7.86	0.00	0.16	2.07	0.41	0.19	0.50	0.26
20	15.07	7.85	0.00	0.18	1.29	0.66	0.22	0.54	0.29
21	15.06	7.88	0.00	0.18	1.36	0.40	0.23	0.38	0.27
22	15.15	7.88	0.00	0.21	0.97	0.49	0.21	0.48	0.26
23	15.10	7.87	0.00	0.09	1.59	0.30	0.11	0.23	0.17
24	14.95	7.90	0.00	0.10	1.23	0.42	0.12	0.42	0.20
25	14.66	7.88	0.00	0.10	1.06	0.37	0.12	0.21	0.17
26	14.53	7.92	0.00	0.07	1.02	0.36	0.08	0.42	0.14
27	14.50	7.94	0.00	0.11	0.64	0.24	0.09	0.15	0.12
28	14.14	7.95	0.00	0.07	1.11	0.28	0.10	0.43	0.16
29	14.09	7.97	0.00	0.09	1.67	0.27	0.11	0.40	0.18
30	13.96	7.97	0.00	0.07	0.87	0.13	0.09	0.15	0.12
31	13.73	7.98	0.00	0.06	0.41	0.19	0.06	0.09	0.08
Average	16.16	7.84	0.00	0.19	1.48	0.56	0.29	0.64	0.39
Min	13.73	7.75	0.00	0.06	0.41	0.13	0.06	0.09	0.08
Max	18.87	7.98	0.00	0.51	2.50	1.48	1.08	1.87	1.21

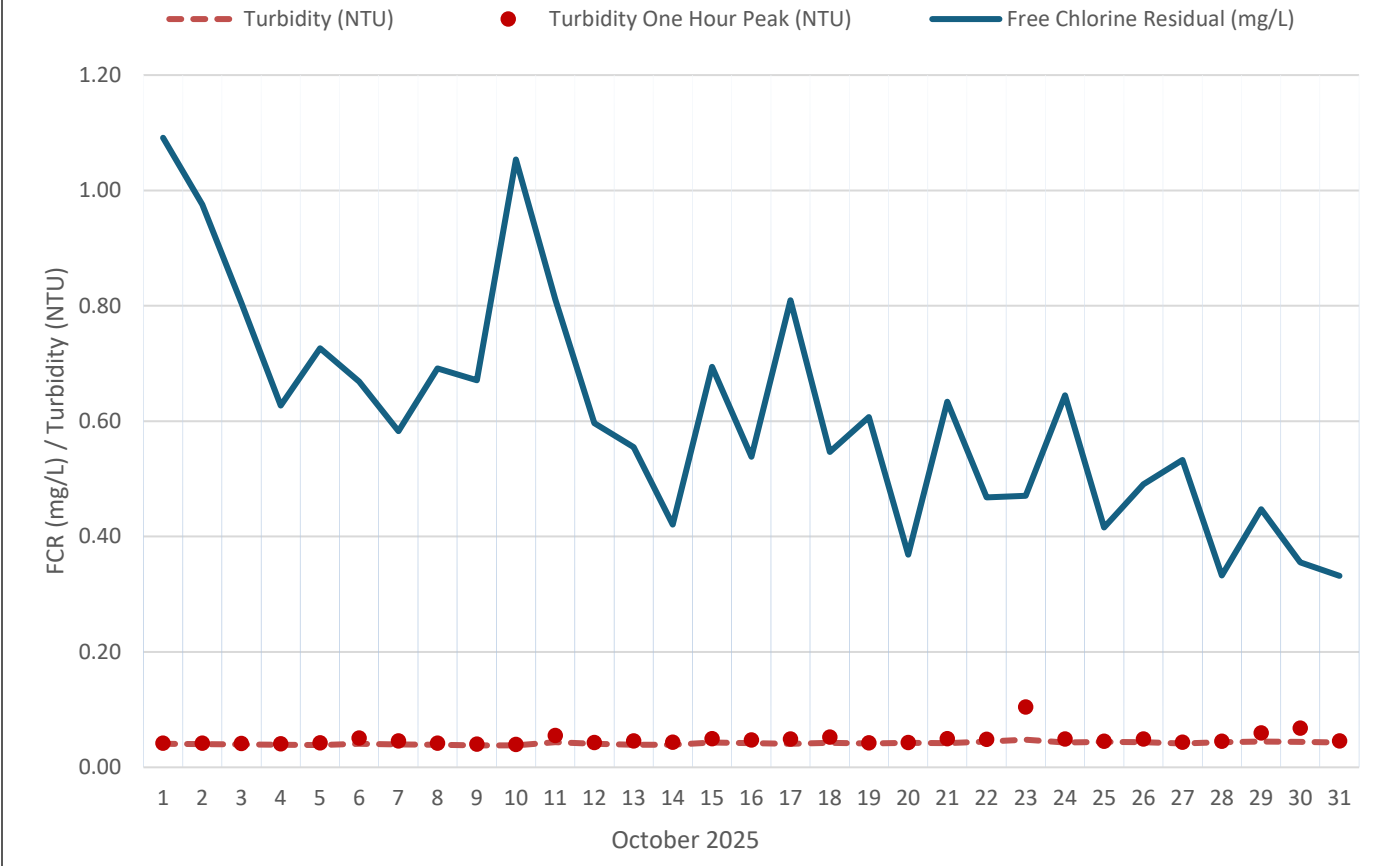
Upper Boucherie Res Online Data



Lakeview Cove PS

Lakeview Cove PS Online Data						
Date	Turbidity	Turbidity (Peak 1 Hr)	FCR			Temp
	Avg (NTU)	Max Based On 1 Hr Avg	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Avg (°C)
Oct 2025						
1	0.04	0.04	0.60	1.69	1.09	18.75
2	0.04	0.04	0.61	1.41	0.98	18.67
3	0.04	0.04	0.54	1.17	0.81	18.43
4	0.04	0.04	0.48	0.91	0.63	18.31
5	0.04	0.04	0.44	1.02	0.73	18.10
6	0.04	0.05	0.50	0.86	0.67	17.97
7	0.04	0.05	0.43	0.83	0.58	17.84
8	0.04	0.04	0.46	1.18	0.69	17.75
9	0.04	0.04	0.51	1.06	0.67	17.82
10	0.04	0.04	0.55	2.31	1.05	17.49
11	0.04	0.06	0.48	1.33	0.81	17.35
12	0.04	0.04	0.47	0.89	0.60	17.30
13	0.04	0.05	0.46	0.75	0.55	16.84
14	0.04	0.04	0.39	0.67	0.42	16.86
15	0.04	0.05	0.46	0.95	0.69	16.46
16	0.04	0.05	0.46	0.77	0.54	16.60
17	0.04	0.05	0.54	1.06	0.81	16.18
18	0.04	0.05	0.41	0.84	0.55	16.14
19	0.04	0.04	0.40	0.89	0.61	16.11
20	0.04	0.04	0.30	0.40	0.37	16.29
21	0.04	0.05	0.30	0.86	0.63	15.86
22	0.04	0.05	0.34	0.61	0.47	16.20
23	0.05	0.10	0.38	0.74	0.47	15.95
24	0.04	0.05	0.51	0.76	0.64	15.63
25	0.04	0.05	0.33	0.51	0.42	15.82
26	0.04	0.05	0.33	0.71	0.49	15.34
27	0.04	0.04	0.30	0.67	0.53	15.40
28	0.04	0.05	0.29	0.73	0.33	15.42
29	0.04	0.06	0.30	0.57	0.45	14.82
30	0.04	0.07	0.26	0.45	0.36	15.07
31	0.04	0.05	0.22	0.46	0.33	14.72
Average	0.04		0.42	0.90	0.61	16.69
Min	0.04		0.22	0.40	0.33	14.72
Max	0.05	0.10	0.61	2.31	1.09	18.75

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)	
01-Oct-25	0.11	19.4	0.61	7.46
07-Oct-25	0.15	18.0	0.70	7.26
14-Oct-25	0.08	16.5	0.65	7.21
21-Oct-25	0.10	15.7	0.53	7.39
28-Oct-25	0.16	14.8	0.38	7.34
# of Samples	5	5	5	5
Average	0.12	16.9	0.57	7.33
Range	0.08-0.16	14.8-19.4	0.38-0.7	7.21-7.46

Shannon Way SS

Shannon Way SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
01-Oct-25	0.11	19.3	0.63	7.48
07-Oct-25	0.17	18.3	0.45	7.40
14-Oct-25	0.11	17.1	0.58	7.32
21-Oct-25	0.21	16.9	0.42	7.41
28-Oct-25	0.17	15.6	0.35	7.52
# of Samples	5	5	5	5
Average	0.15	17.4	0.49	7.43
Range	0.11-0.21	15.6-19.3	0.35-0.63	7.32-7.52

Lower Horizon SS

Lower Horizon SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
01-Oct-25	0.11	19.3	0.49	7.4
07-Oct-25	0.06	18.1	0.52	7.22
14-Oct-25	0.09	17.3	0.45	7.17
21-Oct-25	0.08	15.3	0.48	7.28
28-Oct-25	0.18	14.7	0.47	7.21
# of Samples	5	5	5	5
Average	0.10	16.9	0.48	7.26
Range	0.06-0.18	14.7-19.3	0.45-0.52	7.17-7.4

Pritchard SS

Pritchard SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
01-Oct-25	0.15	21.0	0.47	7.54
07-Oct-25	0.08	20.0	0.36	7.42
14-Oct-25	0.18	17.8	0.59	7.39
21-Oct-25	0.08	17.6	0.14	7.64
28-Oct-25	0.11	15.8	0.29	7.48
# of Samples	5	5	5	5
Average	0.12	18.4	0.37	7.49
Range	0.08-0.18	15.8-21	0.14-0.59	7.39-7.64

Vineyard View SS

Vineyard View SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
01-Oct-25	0.12	21.2	1.53	7.59
07-Oct-25	0.06	19.8	0.60	7.37
14-Oct-25	0.12	17.5	0.21	7.28
21-Oct-25	0.14	16.1	0.32	7.42
28-Oct-25	0.16	15.6	0.47	7.49
# of Samples	5	5	5	5
Average	0.12	18.0	0.63	7.43
Range	0.06-0.16	15.6-21.2	0.21-1.53	7.28-7.59