

CITY OF WEST KELOWNA

Monthly Water Quality Report



Rose Valley Water Service Area
September 2026

WATER SUPPLY AND TREATMENT





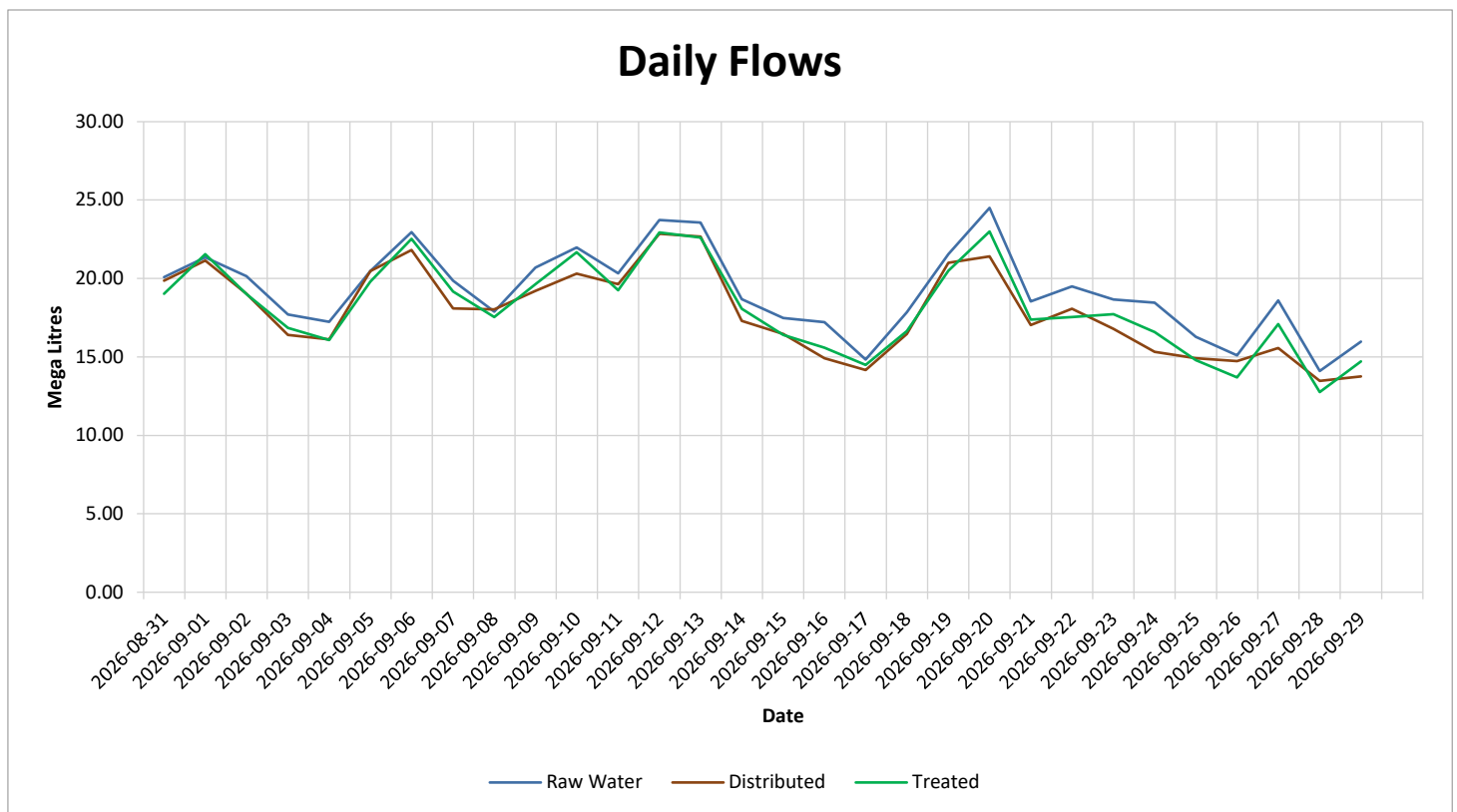
Rose Valley Water Treatment Plant Monthly Water Quality Summary

2026-10-09

September, 2026

Flow Demand:

	Total for Month	
Raw Processed Water:	575.30	ML
Treated Water :	544.63	ML
Distributed Water :	537.04	ML
Backwash Water :	34.88945	ML



Notes:

Raw Water Specifications:

Date	Raw Turbidity (NTU)			Raw pH		
	Min	Max	Average	Min	Max	Average
2026-09-01	0.54	1.52	0.83	7.51	7.70	7.62
2026-09-02	0.59	1.35	1.02	7.47	7.65	7.59
2026-09-03	0.52	2.67	0.96	7.51	7.94	7.63
2026-09-04	0.62	1.95	1.10	7.55	7.68	7.62
2026-09-05	0.59	9.62	1.12	7.46	7.69	7.59
2026-09-06	0.53	1.81	1.08	7.48	7.60	7.54
2026-09-07	0.68	1.67	1.13	7.49	7.63	7.56
2026-09-08	0.67	2.32	1.20	7.42	7.58	7.54
2026-09-09	0.75	2.02	1.20	7.53	7.74	7.62
2026-09-10	0.65	1.66	0.90	7.56	8.09	7.70
2026-09-11	0.59	1.22	0.82	7.55	7.82	7.69
2026-09-12	0.45	8.03	0.86	7.55	7.80	7.70
2026-09-13	0.49	28.69	0.89	7.53	7.69	7.61
2026-09-14	0.60	1.72	0.93	7.51	7.81	7.68
2026-09-15	0.57	9.98	1.03	7.58	7.82	7.73
2026-09-16	0.78	1.55	1.07	7.59	7.68	7.63
2026-09-17	0.70	2.09	1.10	7.54	7.62	7.59
2026-09-18	0.72	1.83	1.24	7.52	7.63	7.58
2026-09-19	0.66	2.48	1.03	7.53	7.69	7.61
2026-09-20	0.60	1.87	0.83	7.56	7.65	7.60
2026-09-21	0.56	1.34	0.86	7.56	7.72	7.63
2026-09-22	0.57	1.78	0.83	7.53	7.74	7.62
2026-09-23	0.65	16.91	1.04	7.63	7.91	7.71
2026-09-24	0.45	2.30	0.63	7.59	7.67	7.64
2026-09-25	0.39	1.77	0.68	7.61	7.70	7.64
2026-09-26	0.48	1.83	0.80	7.56	7.82	7.72
2026-09-27	0.30	1.94	0.65	7.52	7.76	7.68
2026-09-28	0.58	1.41	0.88	7.40	7.64	7.51
2026-09-29	0.32	1.15	0.73	7.40	7.70	7.56
2026-09-30	0.46	1.02	0.60	7.58	7.74	7.71

Notes:

Raw Water Specifications (Continued):

Date	Raw Temp (°C)			Raw DOC (mg/L)		
	Min	Max	Average	Min	Max	Average
2026-09-01	16.30	18.89	17.43	12.94	13.24	13.10
2026-09-02	16.51	19.11	17.24	12.99	13.24	13.10
2026-09-03	16.34	17.15	16.71	12.99	13.24	13.10
2026-09-04	16.22	16.84	16.44	12.89	13.24	13.09
2026-09-05	16.08	17.29	16.38	12.89	13.24	13.09
2026-09-06	16.02	16.25	16.12	12.94	13.24	13.09
2026-09-07	15.76	18.53	16.59	12.99	13.24	13.09
2026-09-08	15.73	17.04	16.17	12.94	13.24	13.09
2026-09-09	15.84	16.37	16.10	12.86	17.39	13.98
2026-09-10	15.74	16.89	16.21	13.12	18.55	14.51
2026-09-11	15.61	16.17	15.91	14.31	14.65	14.47
2026-09-12	15.63	16.73	16.14	14.31	14.65	14.48
2026-09-13	15.60	15.96	15.75	14.26	14.65	14.48
2026-09-14	15.33	15.62	15.49	14.31	14.65	14.47
2026-09-15	15.11	15.60	15.37	14.31	14.65	14.47
2026-09-16	15.06	15.22	15.13	14.26	14.65	14.47
2026-09-17	14.92	15.26	15.05	14.31	14.65	14.47
2026-09-18	14.77	15.33	15.02	14.26	14.65	14.47
2026-09-19	14.79	16.74	15.23	14.31	14.65	14.47
2026-09-20	14.83	15.71	15.21	14.31	14.65	14.48
2026-09-21	14.59	16.59	15.66	14.31	14.65	14.48
2026-09-22	14.74	17.78	15.70	14.36	14.65	14.48
2026-09-23	14.88	16.58	15.35	11.62	13.25	12.09
2026-09-24	14.51	15.18	14.85	9.13	29.45	12.65
2026-09-25	14.48	15.05	14.62	12.60	12.94	12.78
2026-09-26	14.51	15.09	14.75	12.60	12.89	12.77
2026-09-27	14.73	16.58	15.32	12.60	12.94	12.77
2026-09-28	14.02	14.95	14.36	12.48	13.88	12.96
2026-09-29	13.81	15.10	14.15	13.53	13.77	13.65
2026-09-30	13.92	14.11	14.02	13.48	13.82	13.65

Notes:

Raw Water Specifications (Continued):

Date	Raw Cond R (μS/cm)			Streaming Current		
	Min	Max	Average	Min	Max	Average
2026-09-01	197.03	206.71	201.55	-159.83	248.23	32.92
2026-09-02	168.33	202.93	186.65	-6.96	61.17	25.20
2026-09-03	160.47	195.53	180.99	-18.19	53.85	25.41
2026-09-04	176.97	196.22	185.56	-65.32	51.65	31.89
2026-09-05	164.75	199.73	185.64	-144.20	188.16	24.20
2026-09-06	175.69	197.60	186.26	6.96	56.53	30.35
2026-09-07	189.13	201.64	198.02	-35.78	61.17	39.95
2026-09-08	164.11	202.22	182.40	15.51	73.14	37.14
2026-09-09	173.32	188.83	182.21	-52.63	65.32	43.36
2026-09-10	185.78	194.26	191.28	-166.18	254.33	32.23
2026-09-11	189.28	195.44	192.62	-6.23	67.28	33.11
2026-09-12	188.54	195.37	192.53	-5.74	60.68	31.23
2026-09-13	192.44	198.57	195.84	13.80	71.43	48.40
2026-09-14	194.84	202.18	197.20	17.70	79.98	49.59
2026-09-15	179.20	198.09	189.51	18.44	75.09	43.24
2026-09-16	179.20	182.21	180.82	-72.89	75.09	59.99
2026-09-17	178.29	182.37	180.62	-181.56	202.08	45.70
2026-09-18	179.83	184.47	181.75	29.43	76.31	57.34
2026-09-19	176.27	185.08	181.32	25.76	76.80	51.88
2026-09-20	175.28	185.58	181.01	-129.79	226.74	46.76
2026-09-21	172.46	184.71	178.42	-167.64	252.63	41.96
2026-09-22	154.66	180.89	177.12	-95.85	200.85	32.57
2026-09-23	175.84	182.50	178.92	27.47	83.64	63.63
2026-09-24	155.77	183.58	174.15	-161.05	262.39	60.31
2026-09-25	145.30	181.01	176.23	58.24	143.22	88.53
2026-09-26	178.27	181.88	180.28	-147.86	130.28	72.58
2026-09-27	178.74	182.75	180.76	72.16	107.57	86.91
2026-09-28	168.49	183.00	181.23	-21.86	158.61	119.26
2026-09-29	178.16	184.73	181.10	66.47	181.07	133.51
2026-09-30	176.83	181.25	179.29	114.65	201.34	150.88

Notes:

Raw Water Specifications (Continued):

Date	Coagulated pH			Coagulated Temp (°C)		
	Min	Max	Average	Min	Max	Average
2026-09-01	6.64	6.90	6.79	16.37	16.96	16.63
2026-09-02	6.53	7.09	6.83	16.52	17.19	16.69
2026-09-03	6.72	7.16	6.98	16.54	17.16	16.75
2026-09-04	6.70	6.88	6.78	16.43	16.81	16.61
2026-09-05	6.62	6.83	6.76	16.24	16.62	16.42
2026-09-06	6.61	6.72	6.66	16.11	16.47	16.26
2026-09-07	6.61	6.72	6.65	16.03	16.96	16.59
2026-09-08	6.60	6.67	6.64	15.85	16.78	16.27
2026-09-09	6.62	6.71	6.66	15.73	16.38	16.05
2026-09-10	6.29	6.87	6.68	15.78	16.74	16.01
2026-09-11	6.71	6.80	6.75	15.64	16.14	15.91
2026-09-12	6.75	6.80	6.78	15.68	16.21	15.93
2026-09-13	6.71	6.78	6.75	15.57	16.12	15.78
2026-09-14	6.71	6.80	6.77	15.36	15.76	15.58
2026-09-15	6.68	7.33	6.82	15.25	16.45	16.12
2026-09-16	7.34	7.67	7.52	15.17	15.42	15.30
2026-09-17	7.57	7.69	7.65	14.98	15.35	15.16
2026-09-18	7.62	7.73	7.69	14.90	15.82	15.11
2026-09-19	7.63	7.74	7.70	14.89	16.08	15.46
2026-09-20	7.69	7.80	7.73	15.04	16.14	15.70
2026-09-21	7.65	7.85	7.75	15.06	16.41	15.69
2026-09-22	7.74	7.87	7.83	14.75	16.31	15.46
2026-09-23	7.81	7.87	7.84	14.93	16.34	15.65
2026-09-24	7.79	7.88	7.85	14.66	15.20	14.87
2026-09-25	7.23	7.84	7.59	14.53	14.84	14.68
2026-09-26	7.67	7.85	7.75	14.45	14.88	14.66
2026-09-27	7.82	7.87	7.85	14.38	14.68	14.52
2026-09-28	7.82	7.89	7.86	14.08	14.53	14.29
2026-09-29	6.57	8.47	7.66	13.91	14.32	14.06
2026-09-30	7.90	8.47	8.05	13.85	14.18	14.00

Notes:

--

Raw Water Specifications (Continued):

Date	Raw Cond Y (µS/cm)			Raw Water DO (mg/L)		
	Min	Max	Average	Min	Max	Average
2026-09-01	84.23	150.08	148.66	2.48	4.76	3.41
2026-09-02	113.18	150.29	148.21	2.59	4.06	3.27
2026-09-03	112.83	151.46	148.83	2.26	5.59	3.28
2026-09-04	147.64	148.74	148.15	2.62	3.75	3.25
2026-09-05	148.30	153.22	149.46	1.86	4.22	3.03
2026-09-06	148.54	155.05	150.50	1.78	2.73	2.32
2026-09-07	118.20	149.71	148.88	2.47	3.88	2.81
2026-09-08	22.93	149.34	148.38	2.69	3.15	2.91
2026-09-09	14.57	148.62	147.12	2.78	4.62	3.58
2026-09-10	31.29	150.35	146.56	3.26	6.67	4.52
2026-09-11	71.06	148.84	147.15	3.47	5.44	4.51
2026-09-12	146.02	148.77	147.25	3.31	5.01	4.35
2026-09-13	146.57	148.64	147.57	2.96	4.22	3.69
2026-09-14	34.50	169.49	146.51	2.45	5.55	4.30
2026-09-15	54.01	166.32	144.58	3.96	5.89	5.09
2026-09-16	142.99	143.84	143.38	4.00	4.53	4.33
2026-09-17	143.11	145.14	143.87	3.25	4.15	3.81
2026-09-18	142.58	145.99	143.37	3.36	4.19	3.86
2026-09-19	141.65	143.69	142.88	3.75	4.33	4.03
2026-09-20	141.31	145.01	143.03	3.20	4.78	3.96
2026-09-21	47.37	143.97	141.93	3.48	5.36	4.28
2026-09-22	65.72	147.72	142.70	3.61	5.41	4.39
2026-09-23	69.82	143.04	140.74	4.25	6.58	5.07
2026-09-24	16.50	141.99	140.52	4.11	5.20	4.64
2026-09-25	140.10	145.36	142.50	3.66	4.46	4.11
2026-09-26	140.88	144.78	142.23	2.96	5.14	4.32
2026-09-27	142.99	147.64	144.74	2.77	4.86	4.00
2026-09-28	115.80	147.11	143.37	1.52	5.27	2.95

Notes:

Raw Water Specifications (Continued):

Date	Raw Manganese (ppm)		
	Min	Max	Average
2026-09-01	0.33	0.70	0.47
2026-09-02	0.33	0.77	0.56
2026-09-03	0.34	0.68	0.45
2026-09-04	0.39	0.84	0.56
2026-09-05	0.30	0.92	0.55
2026-09-06	0.29	0.78	0.51
2026-09-07	0.37	0.78	0.57
2026-09-08	0.42	0.77	0.57
2026-09-09	0.39	0.82	0.57
2026-09-10	0.36	0.63	0.45
2026-09-11	0.36	0.76	0.49
2026-09-12	0.26	0.78	0.49
2026-09-13	0.29	0.74	0.47
2026-09-14	0.35	0.78	0.53
2026-09-15	0.39	0.71	0.51
2026-09-16	0.42	0.73	0.56
2026-09-17	0.34	0.77	0.55
2026-09-18	0.37	0.69	0.54
2026-09-19	0.46	0.55	0.47
2026-09-20	0.23	0.47	0.44
2026-09-21	0.21	0.57	0.35
2026-09-22	0.24	0.53	0.35
2026-09-23	0.26	0.50	0.36
2026-09-24	0.20	0.38	0.24
2026-09-25	0.15	0.51	0.30
2026-09-26	0.18	0.49	0.35
2026-09-27	0.19	0.54	0.33
2026-09-28	0.26	0.55	0.38
2026-09-29	0.31	0.49	0.38
2026-09-30	0.29	0.51	0.38

Notes:

Train 1 Filter Turbidity (NTU):

Date	Filter 1			Filter 2			Filter 3		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-09-01	0.02	0.11	0.03	0.01	0.04	0.02	0.02	0.07	0.02
2026-09-02	0.02	0.08	0.03	0.01	0.02	0.02	0.02	0.08	0.03
2026-09-03	0.02	0.09	0.03	0.01	0.05	0.02	0.02	0.07	0.03
2026-09-04	0.02	0.04	0.03	0.02	0.09	0.02	0.02	0.07	0.03
2026-09-05	0.02	1.20	0.09	0.01	0.10	0.02	0.02	0.13	0.02
2026-09-06	0.02	0.33	0.04	0.01	0.23	0.02	0.01	0.35	0.03
2026-09-07	0.01	0.11	0.03	0.01	0.05	0.02	0.02	0.07	0.03
2026-09-08	0.02	0.43	0.03	0.01	0.03	0.02	0.02	0.13	0.03
2026-09-09	0.02	0.49	0.04	0.02	0.05	0.02	0.02	0.07	0.03
2026-09-10	0.02	0.07	0.03	0.01	0.07	0.02	0.02	0.12	0.02
2026-09-11	0.02	0.06	0.03	0.02	0.11	0.02	0.02	0.07	0.03
2026-09-12	0.02	0.23	0.03	0.01	0.04	0.02	0.02	0.06	0.02
2026-09-13	0.02	0.09	0.03	0.01	0.02	0.02	0.02	0.03	0.02
2026-09-14	0.02	0.08	0.03	0.01	0.04	0.02	0.01	0.06	0.02
2026-09-15	0.02	0.05	0.04	0.01	0.07	0.02	0.00	0.05	0.02
2026-09-16	0.02	0.07	0.04	0.01	0.04	0.02	0.01	0.10	0.02
2026-09-17	0.02	0.10	0.03	0.01	0.08	0.02	0.01	0.09	0.02
2026-09-18	0.02	0.10	0.02	0.01	0.12	0.02	0.01	0.13	0.03
2026-09-19	0.00	0.06	0.02	0.01	0.07	0.02	0.00	0.06	0.02
2026-09-20	0.01	0.07	0.02	0.01	0.04	0.02	0.01	0.07	0.02
2026-09-21	0.02	0.06	0.03	0.01	0.05	0.02	0.01	0.08	0.02
2026-09-22	0.02	0.07	0.03	0.01	0.03	0.02	0.01	0.05	0.02
2026-09-23	0.02	0.07	0.03	0.01	0.04	0.02	0.01	0.05	0.02
2026-09-24	0.02	0.06	0.03	0.01	0.03	0.02	0.01	0.04	0.02
2026-09-25	0.02	0.05	0.03	0.01	0.02	0.02	0.00	0.04	0.02
2026-09-26	0.02	0.05	0.03	0.01	0.03	0.01	0.01	0.04	0.02
2026-09-27	0.02	0.04	0.03	0.01	0.03	0.01	0.01	0.04	0.02
2026-09-28	0.02	0.06	0.03	0.01	0.03	0.02	0.01	0.05	0.02
2026-09-29	0.02	0.07	0.03	0.01	0.05	0.02	0.01	0.04	0.03
2026-09-30	0.02	0.06	0.03	0.01	0.06	0.02	0.01	0.05	0.02

Notes:

Sep 5th - Filter 1 shutdown on high turbidity during filter to waste on startup, High turbidity water sent to waste

Train 2 Filter Turbidity (NTU)

Date	Filter 4			Filter 5			Filter 6		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-09-01	0.02	0.08	0.03	0.01	0.10	0.02	0.01	0.22	0.02
2026-09-02	0.02	0.08	0.03	0.02	0.05	0.02	0.02	0.27	0.03
2026-09-03	0.02	0.23	0.03	0.02	0.56	0.03	0.02	0.06	0.02
2026-09-04	0.02	0.40	0.04	0.02	0.63	0.03	0.02	0.04	0.03
2026-09-05	0.02	0.11	0.03	0.01	0.11	0.02	0.02	0.27	0.03
2026-09-06	0.02	0.29	0.03	0.01	0.07	0.02	0.02	0.03	0.02
2026-09-07	0.03	0.22	0.04	0.01	0.03	0.02	0.02	0.08	0.03
2026-09-08	0.02	0.08	0.03	0.01	0.06	0.02	0.01	0.04	0.02
2026-09-09	0.02	0.05	0.04	0.01	0.33	0.02	0.02	0.63	0.04
2026-09-10	0.02	0.07	0.03	0.01	0.09	0.02	0.01	0.04	0.02
2026-09-11	0.02	0.06	0.03	0.02	0.22	0.02	0.01	0.06	0.02
2026-09-12	0.02	0.07	0.03	0.01	0.14	0.02	0.02	0.42	0.03
2026-09-13	0.02	0.06	0.03	0.01	0.07	0.02	0.01	0.07	0.02
2026-09-14	0.02	0.03	0.02	0.01	0.03	0.02	0.01	0.11	0.03
2026-09-15	0.02	0.11	0.02	0.01	0.13	0.02	0.01	0.05	0.03
2026-09-16	0.02	0.03	0.02	0.01	0.05	0.02	0.01	0.06	0.02
2026-09-17	0.02	0.06	0.02	0.01	0.02	0.02	0.01	0.03	0.02
2026-09-18	0.02	0.09	0.02	0.01	0.05	0.02	0.01	0.07	0.02
2026-09-19	0.02	0.07	0.02	0.01	0.04	0.02	0.01	0.04	0.02
2026-09-20	0.02	0.09	0.03	0.01	0.05	0.02	0.02	0.05	0.02
2026-09-21	0.02	0.10	0.03	0.01	0.05	0.02	0.01	0.04	0.02
2026-09-22	0.02	0.04	0.03	0.01	0.05	0.02	0.02	0.04	0.02
2026-09-23	0.02	0.10	0.03	0.01	0.06	0.02	0.01	0.19	0.02
2026-09-24	0.02	0.07	0.03	0.01	0.05	0.02	0.02	0.04	0.02
2026-09-25	0.02	0.07	0.03	0.01	0.04	0.02	0.01	0.04	0.02
2026-09-26	0.02	0.08	0.02	0.01	0.03	0.01	0.01	0.09	0.02
2026-09-27	0.02	0.07	0.02	0.01	0.08	0.01	0.02	0.11	0.02
2026-09-28	0.02	0.05	0.02	0.01	0.06	0.01	0.01	0.09	0.02
2026-09-29	0.02	0.04	0.02	0.00	0.03	0.01	0.01	0.05	0.02
2026-09-30	0.02	0.04	0.02	0.01	0.02	0.01	0.01	0.04	0.02

Notes:

UV Treatment:

	Average Flow	Avg Validated Dose	Undosed Flow
Date	(L/s)	(mj/cm2)	(ML)
2026-09-01	242.16	19.97	0.0001
2026-09-02	207.05	21.29	0.0000
2026-09-03	205.57	20.83	0.0000
2026-09-04	230.73	18.55	0.0000
2026-09-05	261.49	20.09	0.0001
2026-09-06	217.03	21.23	0.0000
2026-09-07	236.98	21.40	0.0000
2026-09-08	220.16	21.07	0.0000
2026-09-09	254.65	18.56	0.0000
2026-09-10	255.83	21.38	0.0001
2026-09-11	255.21	19.20	0.0000
2026-09-12	296.07	18.72	0.0000
2026-09-13	221.88	21.85	0.0000
2026-09-14	199.78	22.00	0.0000
2026-09-15	202.96	22.00	0.0000
2026-09-16	165.63	20.65	0.0000
2026-09-17	196.58	21.91	0.0000
2026-09-18	268.63	20.09	0.0000
2026-09-19	299.26	17.45	0.0000
2026-09-20	181.14	16.60	0.0001
2026-09-21	239.41	21.33	0.0001
2026-09-22	203.36	21.82	0.0000
2026-09-23	215.83	18.38	0.0000
2026-09-24	202.71	21.83	0.0005
2026-09-25	178.37	19.75	0.0000
2026-09-26	217.34	21.27	0.0001
2026-09-27	162.53	22.00	0.0000
2026-09-28	186.81	22.00	0.0000
2026-09-29	167.08	22.00	0.0000
2026-09-30	143.78	20.81	0.0000

Monthly Total (ML):

0.0011

% of monthly water that was not UV treated:

0.000%

Notes:

UV Transmittance %:

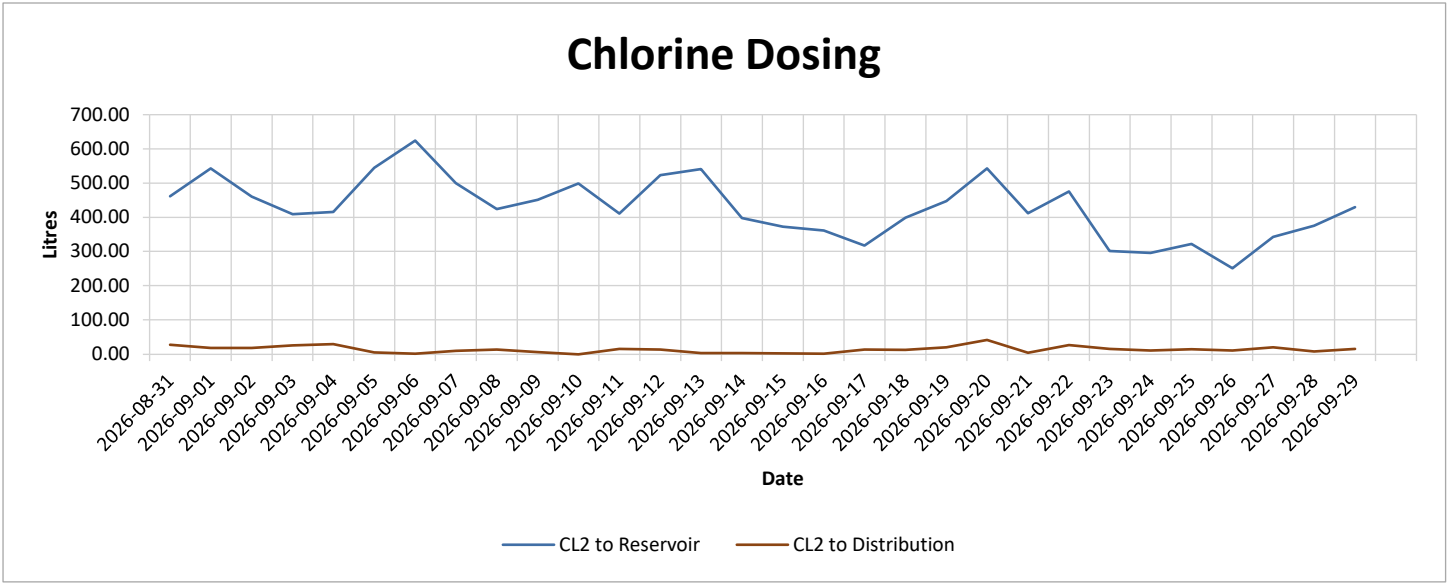
Date	Min	Max	Average
2026-09-01	86.69	88.57	87.72
2026-09-02	86.50	89.35	88.08
2026-09-03	86.45	89.65	87.94
2026-09-04	87.18	89.40	88.25
2026-09-05	86.74	89.57	88.01
2026-09-06	86.81	89.35	88.06
2026-09-07	87.30	89.18	88.42
2026-09-08	87.18	89.28	88.33
2026-09-09	86.86	89.18	88.32
2026-09-10	87.28	90.13	88.53
2026-09-11	87.89	90.06	88.92
2026-09-12	87.77	90.31	88.81
2026-09-13	88.18	90.31	89.26
2026-09-14	87.91	90.43	89.41
2026-09-15	87.55	90.21	89.05
2026-09-16	88.45	90.43	89.59
2026-09-17	87.79	90.96	89.29
2026-09-18	88.79	90.60	89.54
2026-09-19	87.77	90.38	89.42
2026-09-20	88.74	90.31	89.47
2026-09-21	88.30	90.43	89.50
2026-09-22	87.42	90.43	89.42
2026-09-23	88.01	90.72	89.53
2026-09-24	88.86	90.50	89.70
2026-09-25	89.52	90.60	89.98
2026-09-26	88.99	90.55	89.65
2026-09-27	89.18	90.74	90.07
2026-09-28	89.84	91.40	90.52
2026-09-29	89.72	91.45	90.57
2026-09-30	88.21	91.11	90.26

Notes:

Chemical Demand:

Chlorine Used:

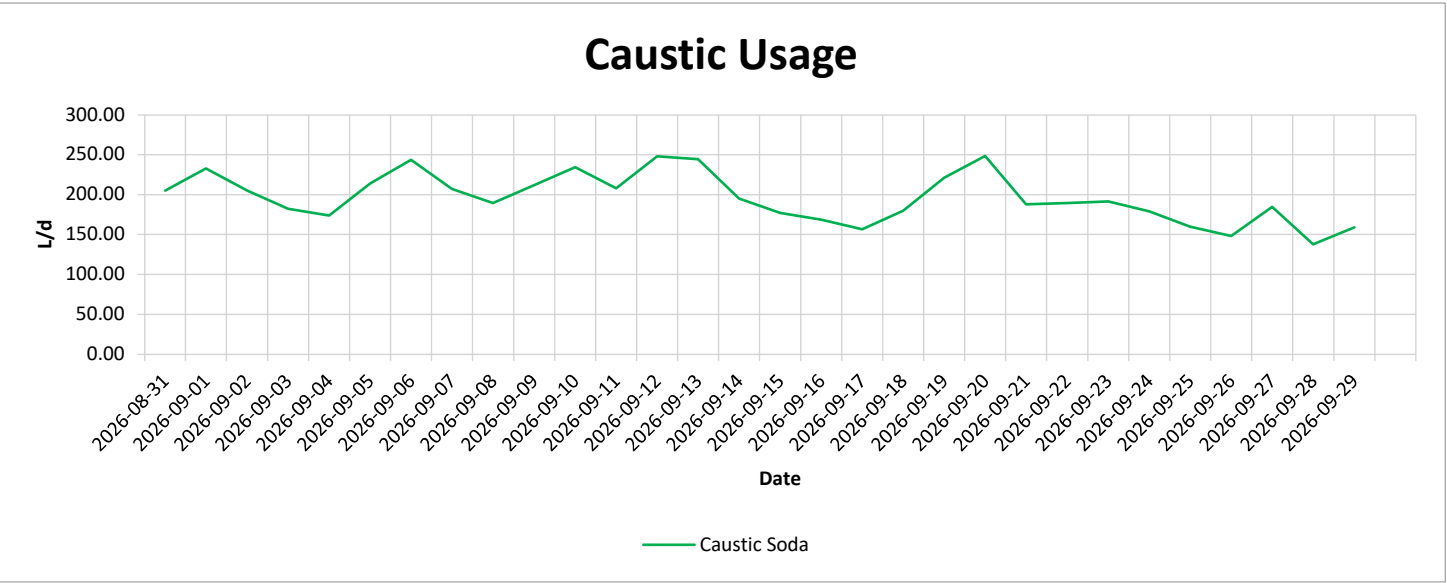
Total for Month
13242.54 Litres



Notes:

Casutic Soda Used:

Total for Month
5881.15 Litres

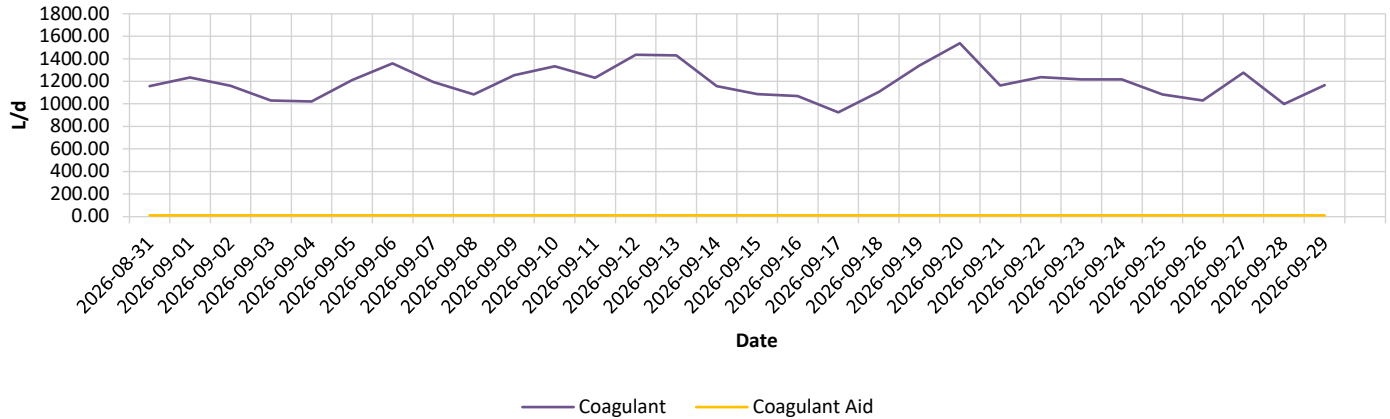


Notes:

Coagulant Used:
Coagulant Aid Used:

Total for Month
35758.13 Litres
290.23 Litres

Coagulant and Aid Usage



Notes:

Polymer @ .2% Concentration:

Total for Month
103004.28 Litres

Polymer @ .5% Concentration:

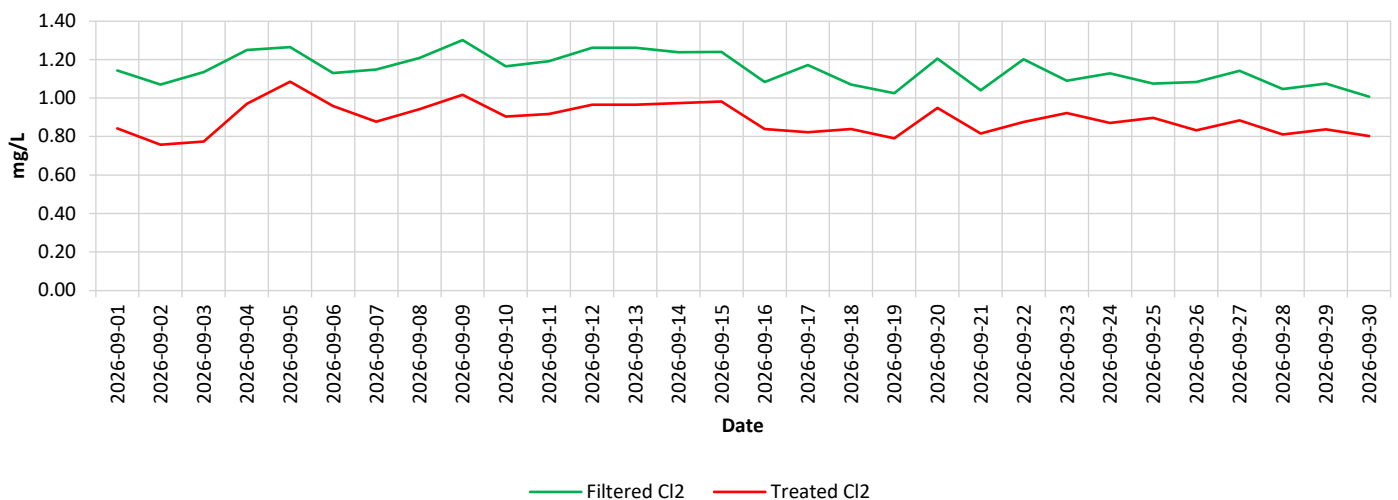
Total for Month
128332.38 Litres

Chlorine Dose

Filtered Water Residual Cl₂ Average (mg/L): 1.15 mg/L

Treated Water (Distributed) Cl₂ Average (mg/L): 0.89 mg/L

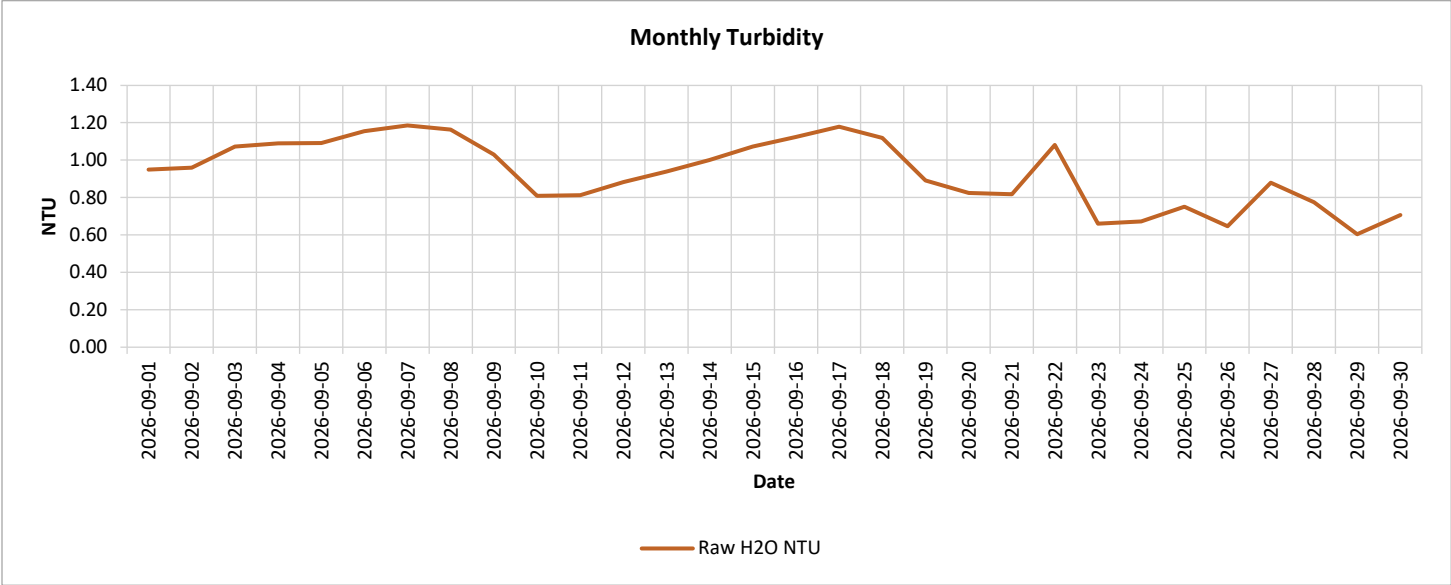
Average Residual Cl₂ Content



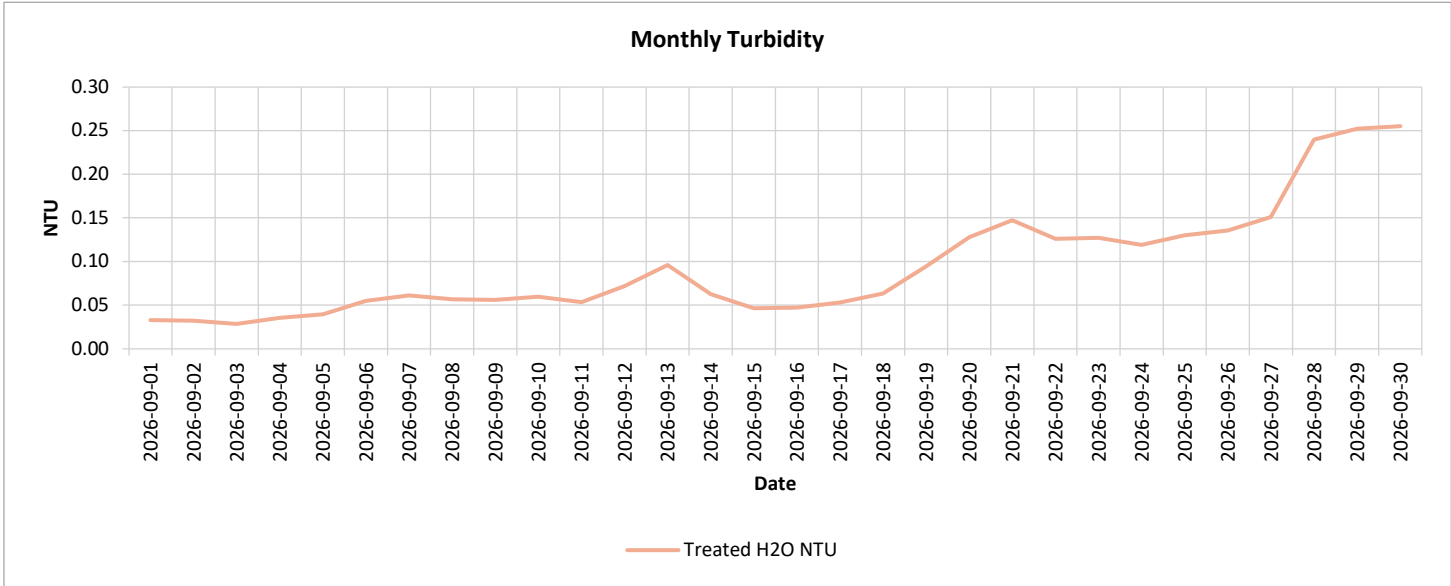
Water Quality Analytics:

Turbidity

Raw Water Monthly Average: 0.93 NTU



Treated Water Monthly Average: 0.10 NTU



Notes:

pH

Raw Water Monthly Average:

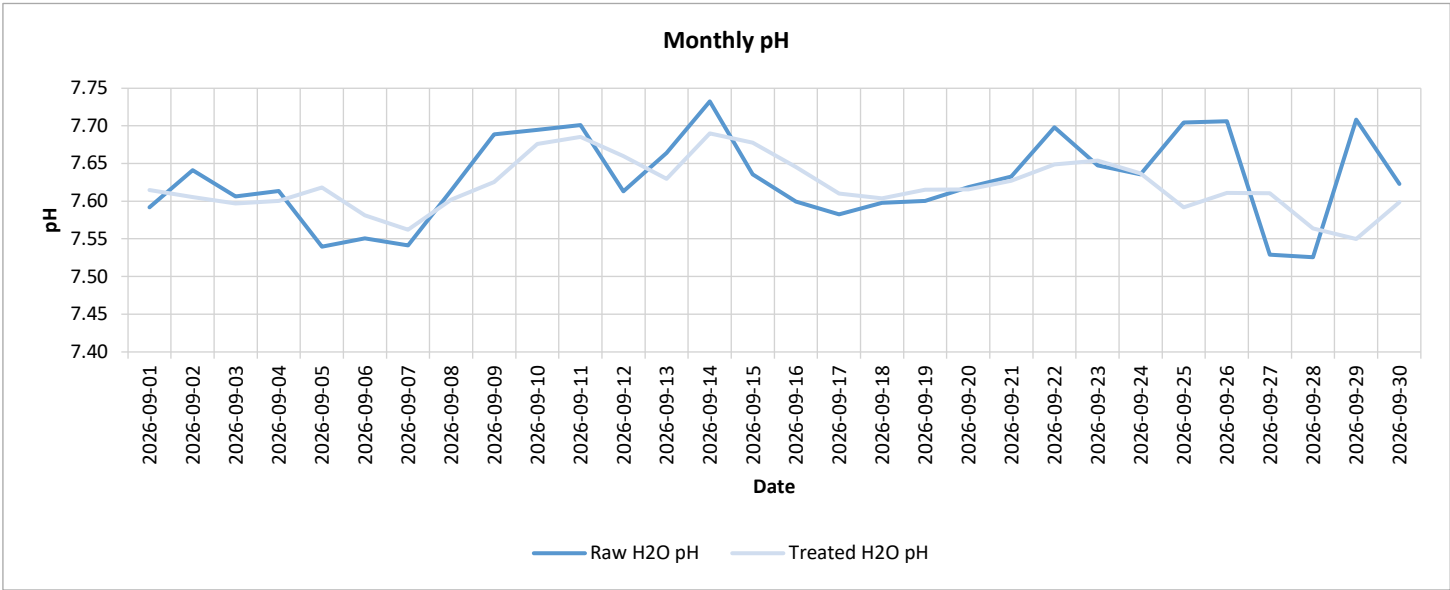
7.63

pH

Treated Water Monthly Average:

7.62

pH



Notes:

Rose Valley WTP Operational Highlights:

RVWTP Operational Highlights

- 1st- Swapped coagulant tanks, Plant shutdown for Contractor replacing antenna on storage reservoir
- 2nd- 200-hour service on CTF660, Greasing on both CTF 660/670
- 3rd- Turn off midnight ramp, changed filter NTU alarms, Calibrate hypo pumps
- 4th- Change hi NTU filter alarms from 0.4 to 0.5, purge hypo pumps
- 8th- Swap hypo tanks and confirmed strength
- 9th- DOC and Mn analyzers cleaned at Dam site
- 10th- Clean and calibrate UVT, Particle counter cleaned, Plant shutdown for BC Hydro at dam for transformer work, Flush differential lines on filter #4, Sodium perm dose change 2.15 to 2.5mg/L
- 11th- Dam generator monthly check & run
- 13th- Treated Reservoir NTU increase, reduced perm dose from 2.5 to 2.2mg/L
- 14th- Overflowed reservoir to turnover water due to higher NTU, Lower differential pressure to backwash from 1.3m-1.2m
- 15th- Coagulant delivery received, Cleaned and checked calibration of all pH's, Flushed treated water lines, opened bear creek intake Rotork to 40%
- 16th- Lowered cl2, Lower bear creek intake Rotork from 40-35%
- 17th- Contractor updating permanganate pump programming, Dropped permanganate from 2.2-2.0mg/L
- 20th- Dropped permanganate dose from 2.0-1.8mg/L
- 23rd- Dropped permanganate dose from 1.8-1.7mg/L
- 24th- Plant shutdown for air drier maintenance
- 25th- Coagulant tank swap
- 28th- Closed Bear Creek Intake Rotork to 25%, Cleaned UVT and Dam Mn analyzer
- 29th- New probe installed in Treated Water NTU analyzer, all treated water analyzers cleaned

Rose Valley Watershed Operational Highlights:

Esperon

-closed

Bighorn

-Sep 2nd level 1352.65m

-Sep 28th level 1349.36m closed to 4th Notch

BCI

-Sep 2nd Fish flow only 6ML/d. Rotork opened to 37%

-Sep 15th Small flow over last tier. Opened Rotork to 40%

-Sep 28 closed Rotork to 30%

Rose Valley

-Sep 2nd Level 595.6M

-Sep 21 level 596.2m Completed Piezometers

-Sep 28th level 596.45m

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 2026

Water Quality Data Review

- Based on the Rose Valley Water Service Area (RVWSA) distribution system grab-sample data, it appears the turbidity and free-chlorine (FCR) have met the Water Quality Objectives (WQO) during the month of September.
- September Bacteriological sampling summary:
 - 33 samples to CARO for analysis
 - 34 samples analyzed in-house at Rose Valley Water Treatment Plant (RVWTP)
 - There was one positive result for Total Coliforms at Tallus Reservoir, please refer to the details from September 17th below. All other routine bacteriological samples for the month had a result of <1 CFU/100mL for Total Coliforms and <1 CFU/100mL for *E.coli*.
- September 2, 2026 – Upper Boucherie Reservoir back feed to Lower Boucherie Reservoir to promote turnover in the reservoir and increase the FCR.
- September 2, 2026 – Lower Boucherie PS high strength hypo concentration tested, changed to 3.4% on the PLC.
- September 4, 2026 – Menu PS high strength hypo concentration tested, changed to 8.4% on the PLC.
- September 4, 2026 – Lower Boucherie PS high strength hypo concentration tested, changed to 9.6% on the PLC.
- September 9, 2026 – Blackwood PS online FCR analyser calibration adjustment of 0.68mg/L decrease.
- September 14, 2026 – Upper Boucherie Reservoir back feed to Lower Boucherie Reservoir to promote turnover in the reservoir and increase the FCR.
- September 16, 2026 – Rosewood PS online analyser calibration adjustment of 89mV increase for ORP and 0.29mg/L decrease for FCR.
- September 16, 2026 – Lower Boucherie PS online FCR analyser calibration adjustment of 0.01mg/L increase.
 - Since the instrument was cleaned a re-calibration was done the following day on September 17th with a FCR online FCR analyser calibration adjustment of 0.02mg/L decrease.
- September 17, 2026 – Upper Boucherie Reservoir online analyser calibration adjustment of 0.00mg/L for FCR and 0.22 decrease for pH.
- September 17, 2026 – Tallus Reservoir bacteriological results came back with a Total Coliform count of 2 CFU/100mL. The reservoir cell and the sample station at the reservoir of the distribution line were resampled for WQ parameters and bacteriological testing. Interior Health was contacted immediately and with collaboration it was decided to do a large reservoir turnover at that location and resampling would be completed after the turnover occurred, additionally the hypo chlorite dosing was doubled at the reservoir until the turnover was completed. Two consecutive sampling results came back at <1CFU/100mL for Total Colifrms and *E.coli* for all locations.

Date	Sampling Location	Turbidity (NTU)	FCR (mg/L)	Temp (°C)	Total Coliforms (CFU/100mL)	E.coli (CFU/100mL)	pH
17-Sep-26	TALLUS RES	0.09	0.03	20.1	2	<1	7.85
23-Sep-26	TALLUS RES	0.19	0.46	17.2	<1	<1	7.47
23-Sep-26	BIG SKY SS	0.22	0.41	17	<1	<1	7.49
24-Sep-26	TALLUS RES	0.17	0.97	17.5	<1	<1	
24-Sep-26	BIG SKY SS	0.25	0.95	17.1	<1	<1	

- September 18, 2026 – Blackwood PS online analyser calibration adjustment of 0.12 decrease for pH and 0.06mg/L increase for FCR.
- September 25, 2026 – Lower Boucherie PS high strength hypo concentration tested, changed to 8.5% on the PLC.
- September 25, 2026 – Menu PS high strength hypo concentration tested, changed to 6.6% on the PLC.

Operational System Improvements/Events

- September 14, 2026 – 3966 Camano Rd service leak repair completed by City staff and City contractor. Only one property affected by repair. Positive pressure maintained during repair. Note BC Hydro had to cut power to the area due to the hydro box location overtop of water service line.
- September 17, 2026 – Lower Boucherie PS generator maintenance completed and placed back into service.
- September 17, 2026 – SCADA network Node 1 failed and switched to Node 2 which caused anomalies in the trending for the online analysers. The cause of the failure is under investigation.
- September 23, 2026 – Tallus Reservoir was turned over through valve changes between Tallus and the Shannon Woods Reservoir to encourage better FCR in Tallus.

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.

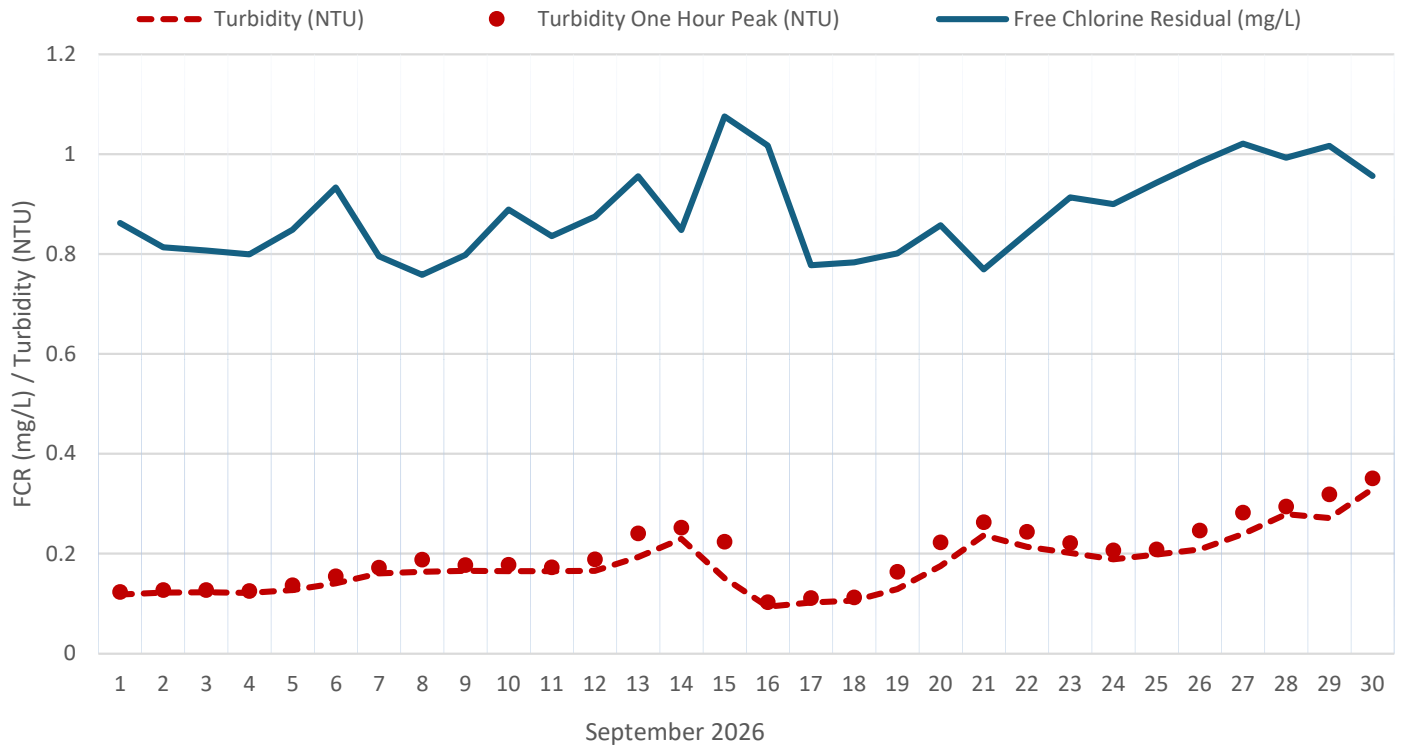
Note – the locations included in the monthly report are the samples that are tested regularly on a weekly basis but are 9 of 19 total grab sample locations taken throughout the system in the month.

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 2026								
1	0.12	0.12	0.74	1.05	0.86	17.79	7.72	753
2	0.12	0.13	0.71	0.97	0.81	17.76	7.73	747
3	0.12	0.13	0.65	1.00	0.81	17.55	7.74	756
4	0.12	0.13	0.69	1.06	0.80	17.28	7.75	756
5	0.13	0.14	0.71	0.99	0.85	17.31	7.73	748
6	0.14	0.15	0.73	1.10	0.93	17.36	7.74	744
7	0.16	0.17	0.71	0.91	0.80	17.10	7.70	736
8	0.16	0.19	0.67	0.85	0.76	17.16	7.70	739
9	0.17	0.18	0.71	0.89	0.80	17.33	7.73	749
10	0.16	0.18	0.77	0.97	0.89	17.18	7.74	747
11	0.17	0.17	0.78	0.92	0.84	16.97	7.79	746
12	0.17	0.19	0.75	1.00	0.88	16.96	7.80	733
13	0.19	0.24	0.83	1.09	0.96	16.75	7.78	719
14	0.23	0.25	0.77	0.93	0.85	16.43	7.77	740
15	0.15	0.22	0.79	1.45	1.08	16.33	7.65	770
16	0.09	0.10	0.75	1.21	1.02	15.95	7.50	814
17	0.10	0.11	0.63	1.05	0.78	15.90	7.40	809
18	0.11	0.11	0.64	1.00	0.78	15.89	7.37	793
19	0.13	0.16	0.70	0.92	0.80	15.92	7.39	735
20	0.18	0.22	0.72	1.07	0.86	15.89	7.44	724
21	0.24	0.26	0.69	0.88	0.77	15.82	7.46	747
22	0.21	0.24	0.72	1.12	0.84	15.99	7.52	759
23	0.20	0.22	0.80	1.13	0.91	15.88	7.61	779
24	0.19	0.21	0.78	1.05	0.90	15.53	7.62	787
25	0.20	0.21	0.83	1.05	0.94	15.41	7.63	776
26	0.21	0.25	0.84	1.17	0.98	15.24	7.64	779
27	0.24	0.28	0.89	1.24	1.02	15.16	7.64	748
28	0.28	0.29	0.92	1.21	0.99	15.11	7.65	784
29	0.27	0.32	0.88	1.21	1.02	14.98	7.60	749
30	0.33	0.35	0.79	1.17	0.96	14.79	7.64	762
Average	0.18		0.75	1.05	0.88	16.36	7.64	757.54
Min	0.09		0.63	0.85	0.76	14.79	7.37	718.81
Max	0.33	0.35	0.92	1.45	1.08	17.79	7.80	813.80

Rosewood PS Online Data

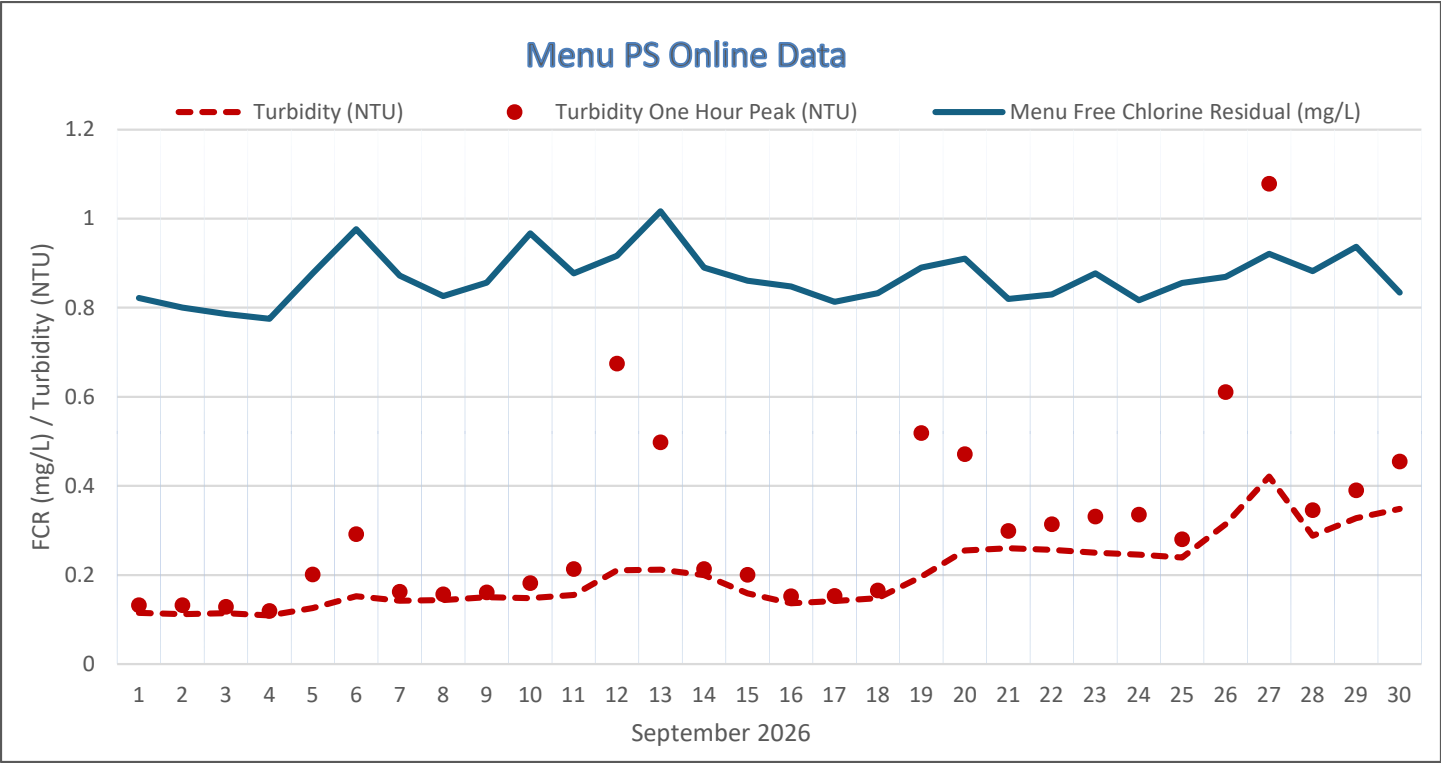


Rosewood PS Water Quality

Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
01-Sep-26	0.10	0.11	17.7	1.04	0.91	7.26
08-Sep-26	0.22	0.15	17.1	0.90	0.79	7.27
15-Sep-26	0.13	0.19	16.4	1.01	0.96	7.81
22-Sep-26	0.20	0.21	15.7	0.92	0.85	7.52
29-Sep-26	0.62	0.52	15.2	1.19	1.11	7.35
# of Samples	5	5	5	5	5	5
Average	0.25	0.24	16.4	1.01	0.92	7.44
Range	0.10-0.62	0.11-0.52	15.2-17.7	0.90-1.19	0.79-1.11	7.26-7.81

Menu PS

Menu PS Online Data									
Date	Combined Flow Total From RV	Turbidity	Turbidity (Peak 1 Hr)	Temp	pH	ORP	FCR		
	(m3)	Avg (NTU)	Max Based On 1 Hr Avg	Avg (°C)	Avg (pH)	Avg (mV)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
Sep 2026									
1	5024	0.11	0.13	17.05	7.34	824	0.73	1.01	0.82
2	4323	0.11	0.13	17.00	7.34	822	0.68	0.99	0.80
3	3459	0.11	0.13	16.84	7.35	827	0.65	0.92	0.79
4	3294	0.11	0.12	16.81	7.36	827	0.64	0.89	0.78
5	4349	0.13	0.20	16.68	7.36	829	0.69	1.01	0.88
6	4687	0.15	0.29	16.56	7.36	827	0.80	1.11	0.98
7	3769	0.14	0.16	16.53	7.33	820	0.78	0.99	0.87
8	3848	0.14	0.16	16.43	7.33	818	0.70	0.96	0.83
9	4437	0.15	0.16	16.50	7.35	820	0.73	0.95	0.86
10	5131	0.15	0.18	16.41	7.37	821	0.81	1.07	0.97
11	4499	0.15	0.21	16.25	7.43	818	0.80	0.93	0.88
12	4328	0.21	0.67	16.15	7.45	812	0.79	1.13	0.92
13	4563	0.21	0.50	15.98	7.42	810	0.81	1.17	1.02
14	3693	0.20	0.21	15.85	7.39	809	0.79	0.96	0.89
15	3394	0.16	0.20	15.85	7.43	826	0.77	1.00	0.86
16	3467	0.14	0.15	15.73	7.46	824	0.76	0.91	0.85
17	3051	0.14	0.15	15.65	7.42	824	0.70	0.95	0.81
18	3191	0.15	0.16	15.61	7.38	823	0.71	1.05	0.83
19	4224	0.20	0.52	15.40	7.38	804	0.73	1.10	0.89
20	4479	0.26	0.47	15.36	7.39	792	0.75	1.09	0.91
21	3553	0.26	0.30	15.36	7.38	786	0.72	1.08	0.82
22	3407	0.26	0.31	15.38	7.40	803	0.71	1.00	0.83
23	3608	0.25	0.33	15.31	7.43	810	0.71	1.11	0.88
24	3761	0.25	0.34	15.23	7.44	818	0.72	0.94	0.82
25	3594	0.24	0.28	15.10	7.43	817	0.77	0.90	0.86
26	2904	0.31	0.61	15.00	7.41	822	0.75	0.99	0.87
27	3819	0.42	1.08	14.85	7.43	814	0.75	1.19	0.92
28	3096	0.29	0.35	14.81	7.43	814	0.79	1.01	0.88
29	3189	0.33	0.39	14.72	7.36	825	0.80	1.10	0.94
30	2995	0.35	0.45	14.49	7.33	792	0.76	1.00	0.83
Total	110109								
Average	3837.79	0.20		15.83	7.39	815.90	0.74	1.02	0.87
Min	2904	0.11		14.49	7.33	786.22	0.64	0.89	0.78
Max	5131	0.42	1.08	17.05	7.46	828.67	0.81	1.19	1.02

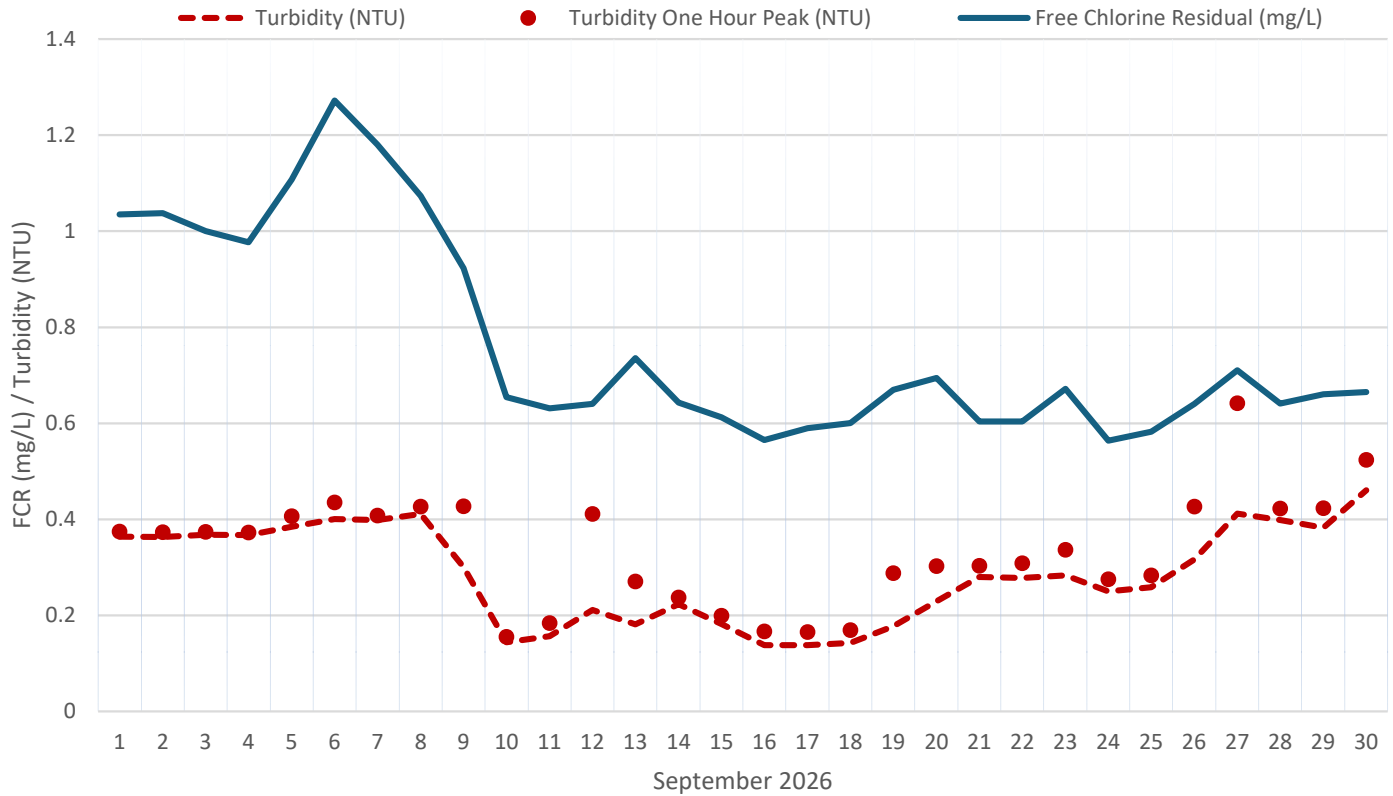


Menu PS Water Quality						
Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
01-Sep-26	0.12	0.11	16.9	0.76	0.89	7.16
08-Sep-26	0.15	0.14	16.3	0.75	0.84	7.15
15-Sep-26	0.15	0.15	16.4	0.80	0.93	7.36
22-Sep-26	0.27	0.28	16.3	0.80	0.89	7.47
29-Sep-26	0.40	0.44	15.5	0.92	1.02	7.35
# of Samples	5	5	5	5	5	5
Average	0.22	0.22	16.28	0.81	0.91	7.3
Range	0.12-0.4	0.11-0.44	15.5-16.9	0.75-0.92	0.84-1.02	7.15-7.47

Blackwood PS

Blackwood Reservoir 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)
Sep 2026									
1	0.36	0.37	0.90	1.26	1.04	17.73	7.73	198.44	858
2	0.36	0.37	0.90	1.23	1.04	17.51	7.70	198.00	848
3	0.37	0.37	0.87	1.15	1.00	17.52	7.72	198.13	860
4	0.37	0.37	0.89	1.09	0.98	17.51	7.73	199.15	865
5	0.38	0.41	0.87	1.76	1.11	17.30	7.74	199.76	860
6	0.40	0.44	1.08	1.40	1.27	17.17	7.73	201.03	853
7	0.40	0.41	1.05	1.28	1.18	17.09	7.71	201.39	840
8	0.41	0.43	0.97	1.21	1.07	17.10	7.70	201.54	851
9	0.30	0.43	0.59	1.28	0.92	17.01	7.69	200.77	853
10	0.14	0.16	0.58	0.71	0.65	16.98	7.73	200.52	850
11	0.16	0.18	0.56	0.68	0.63	16.90	7.77	200.09	833
12	0.21	0.41	0.54	0.78	0.64	16.76	7.80	199.92	813
13	0.18	0.27	0.59	0.86	0.74	16.49	7.79	200.34	795
14	0.22	0.24	0.60	0.68	0.64	16.57	7.76	201.23	790
15	0.18	0.20	0.56	0.65	0.61	16.46	7.78	200.30	842
16	0.14	0.17	0.00	0.59	0.57	16.35	7.83	199.66	833
17	0.14	0.17	0.55	0.63	0.59	16.40	7.79	199.75	832
18	0.14	0.17	0.52	0.74	0.60	16.33	7.76	199.64	818
19	0.18	0.29	0.55	0.81	0.67	16.06	7.75	199.40	787
20	0.23	0.30	0.56	0.87	0.69	15.86	7.74	198.90	735
21	0.28	0.30	0.55	0.77	0.60	15.92	7.75	198.91	733
22	0.28	0.31	0.51	0.69	0.60	15.94	7.76	198.76	791
23	0.28	0.34	0.50	0.82	0.67	15.75	7.78	198.95	803
24	0.25	0.28	0.50	0.62	0.56	15.76	7.80	198.31	823
25	0.26	0.28	0.50	0.63	0.58	15.71	7.80	198.52	829
26	0.32	0.43	0.58	0.69	0.64	15.54	7.77	199.03	832
27	0.41	0.64	0.60	0.83	0.71	15.35	7.78	199.18	809
28	0.40	0.42	0.60	0.70	0.64	15.50	7.79	199.74	800
29	0.38	0.42	0.57	0.75	0.66	15.44	7.76	200.67	851
30	0.46	0.52	0.59	0.76	0.67	15.27	7.69	203.51	764
Average	0.29		0.64	0.90	0.77	16.44	7.75	199.79	822
Min	0.14		0.00	0.59	0.56	15.27	7.69	198.00	733
Max	0.46	0.64	1.08	1.76	1.27	17.73	7.83	203.51	865

Blackwood Reservoir Online Data



- September 9, 2026 – Blackwood PS online FCR analyser calibration adjustment of 0.68mg/L decrease.

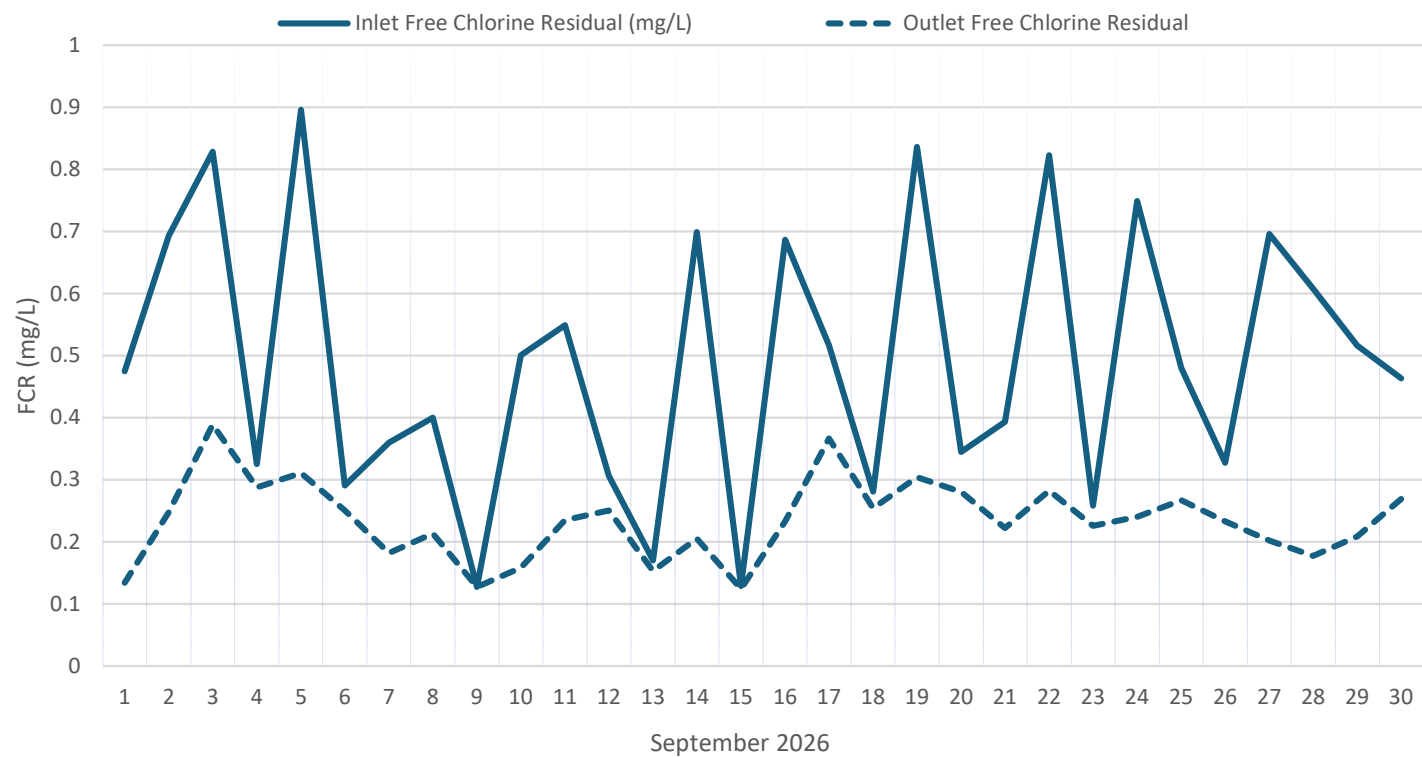
Blackwood PS Outlet Water Quality

Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
01-Sep-26	0.20	0.36	17.5	0.84	1.18	7.34
08-Sep-26	0.19	0.41	16.8	0.76	1.18	7.18
15-Sep-26	0.32	0.26	18.0	0.26	0.10	7.69
22-Sep-26	0.32	0.28	15.8	0.82	0.66	7.47
29-Sep-26	0.28	0.38	15.9	0.68	0.63	7.46
# of Samples	5	5	5	5	5	5
Average	0.26	0.34	16.8	0.67	0.75	7.43
Range	0.19-0.32	0.26-0.41	15.8-18.02	0.26-0.84	0.1-1.18	7.18-7.69

Upper Boucherie Outlet

Upper Boucherie Reservoir Online Data								
Date	Temp	pH	Inlet FCR			Outlet FCR		
	Avg (°C)	Avg (pH)	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
Sep 2026								
1	19.11	7.57	0.07	0.95	0.47	0.07	0.38	0.13
2	18.94	7.58	0.12	1.94	0.69	0.12	0.91	0.25
3	18.86	7.58	0.40	1.94	0.83	0.34	0.41	0.39
4	18.85	7.59	0.26	0.41	0.33	0.23	0.34	0.29
5	18.39	7.56	0.22	1.61	0.90	0.20	0.65	0.31
6	18.84	7.60	0.20	0.43	0.29	0.19	0.30	0.25
7	18.61	7.58	0.13	1.37	0.36	0.12	0.64	0.18
8	18.61	7.58	0.18	0.88	0.40	0.16	0.25	0.21
9	18.98	7.60	0.09	0.18	0.13	0.09	0.16	0.13
10	18.50	7.57	0.07	1.54	0.50	0.07	0.55	0.16
11	18.19	7.59	0.12	1.37	0.55	0.12	0.67	0.23
12	18.52	7.60	0.20	0.59	0.31	0.19	0.30	0.25
13	18.43	7.61	0.10	0.87	0.17	0.11	0.19	0.15
14	17.65	7.59	0.20	1.38	0.70	0.10	0.48	0.21
15	17.98	7.63	0.08	0.20	0.13	0.09	0.16	0.12
16	17.34	7.65	0.06	1.72	0.69	0.06	0.83	0.23
17	17.61	7.60	0.34	1.11	0.52	0.17	0.42	0.37
18	17.86	7.50	0.23	0.34	0.28	0.21	0.29	0.25
19	17.55	7.47	0.21	2.00	0.84	0.19	0.62	0.30
20	17.99	7.49	0.26	0.46	0.34	0.23	0.32	0.28
21	17.86	7.48	0.19	1.71	0.39	0.17	0.55	0.22
22	17.84	7.45	0.33	1.75	0.82	0.15	0.29	0.28
23	18.00	7.49	0.20	0.33	0.26	0.19	0.26	0.23
24	17.26	7.47	0.18	2.02	0.75	0.15	0.31	0.24
25	17.22	7.48	0.27	1.12	0.48	0.23	0.31	0.27
26	17.15	7.50	0.22	0.71	0.33	0.19	0.26	0.23
27	16.81	7.47	0.21	1.49	0.70	0.17	0.22	0.20
28	16.77	7.49	0.17	1.34	0.61	0.14	0.21	0.18
29	16.54	7.50	0.14	1.57	0.52	0.14	0.53	0.21
30	16.48	7.51	0.27	1.07	0.46	0.24	0.28	0.27
Average	17.96	7.54	0.19	1.15	0.49	0.16	0.40	0.23
Min	16.48	7.45	0.06	0.18	0.13	0.06	0.16	0.12
Max	19.11	7.65	0.40	2.02	0.90	0.34	0.91	0.39

Upper Boucherie Reservoir Online Data

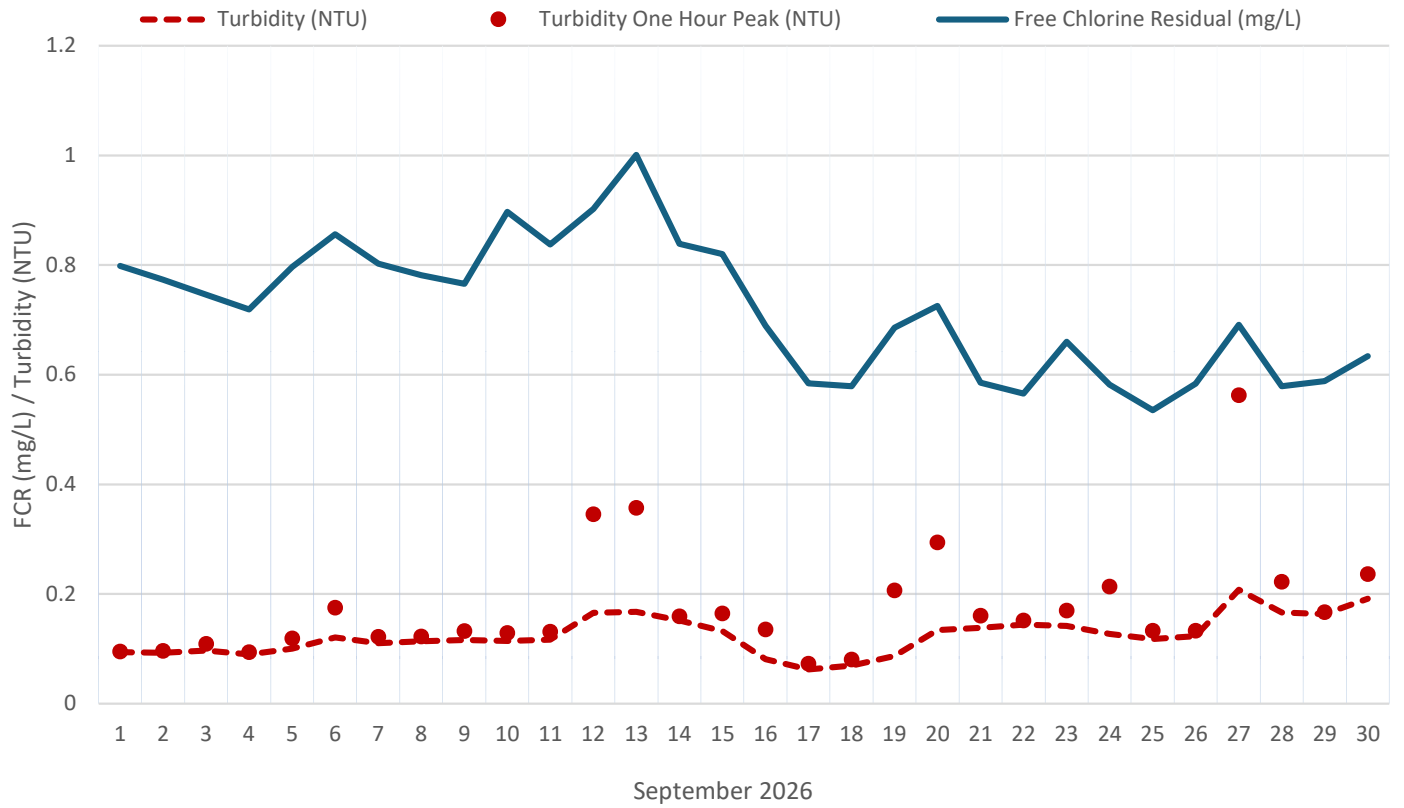


- Note: Upper Boucherie Inlet FCR is variable due to pump runs from the Lower Boucherie Pump Station.

Lakeview Cove PS

Lakeview Cove PS Online Data						
Date	Turbidity	Turbidity (Peak 1 Hr)	FCR			Temp
	Avg (NTU)	Max Based On 1 Hr Avg	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Avg (°C)
Sep 2026						
1	0.09	0.09	0.57	0.97	0.80	17.79
2	0.09	0.10	0.58	0.95	0.77	17.72
3	0.10	0.11	0.53	0.97	0.75	17.72
4	0.09	0.09	0.53	0.88	0.72	17.60
5	0.10	0.12	0.55	0.96	0.80	17.42
6	0.12	0.18	0.60	1.02	0.86	17.19
7	0.11	0.12	0.69	0.92	0.80	17.36
8	0.11	0.12	0.62	0.96	0.78	17.20
9	0.12	0.13	0.55	0.96	0.77	17.23
10	0.11	0.13	0.62	1.10	0.90	17.15
11	0.12	0.13	0.72	0.99	0.84	17.06
12	0.17	0.35	0.67	1.12	0.90	16.79
13	0.17	0.36	0.68	1.23	1.00	16.71
14	0.15	0.16	0.76	0.97	0.84	16.72
15	0.13	0.16	0.69	1.00	0.82	16.68
16	0.08	0.14	0.53	0.90	0.69	16.59
17	0.06	0.07	0.48	0.70	0.58	16.44
18	0.07	0.08	0.48	0.68	0.58	16.52
19	0.09	0.21	0.50	0.83	0.69	16.26
20	0.13	0.29	0.51	0.87	0.73	16.02
21	0.14	0.16	0.53	0.66	0.59	16.33
22	0.14	0.15	0.48	0.69	0.57	16.33
23	0.14	0.17	0.53	0.75	0.66	16.09
24	0.13	0.21	0.48	0.74	0.58	16.00
25	0.12	0.13	0.44	0.69	0.54	16.08
26	0.12	0.13	0.52	0.64	0.58	16.11
27	0.21	0.56	0.52	0.79	0.69	15.55
28	0.17	0.22	0.51	0.71	0.58	15.79
29	0.16	0.17	0.53	0.64	0.59	16.01
30	0.19	0.24	0.55	0.74	0.63	15.45
Average	0.12		0.57	0.87	0.72	16.66
Min	0.06		0.44	0.64	0.54	15.45
Max	0.21	0.56	0.76	1.23	1.00	17.79

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-Sep-26	0.16	19.9	0.73	7.27
08-Sep-26	0.17	18.5	0.68	7.12
15-Sep-26	0.17	17.3	0.78	7.28
22-Sep-26	0.23	17.1	0.82	7.48
29-Sep-26	0.29	16.8	0.76	7.38
# of Samples	5	5	5	5
Average	0.20	17.9	0.75	7.31
Range	0.16-0.29	16.8-19.9	0.68-0.82	7.12-7.48

Shannon Way SS

Shannon Way SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
01-Sep-26	0.17	19.2	0.52	
08-Sep-26	0.25	18.4	0.68	7.39
15-Sep-26	0.28	17.1	0.46	7.32
22-Sep-26	0.38	17.6	0.60	7.52
29-Sep-26	0.40	16.1	0.77	7.46
# of Samples	5	5	5	4
Average	0.30	17.7	0.61	7.42
Range	0.17-0.40	16.1-19.2	0.46-0.77	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-Sep-26	0.18	19.2	0.47	7.27
08-Sep-26	0.23	18.8	0.52	7.33
15-Sep-26	0.26	17.8	0.58	7.33
22-Sep-26	0.25	18.0	0.37	7.51
29-Sep-26	0.39	17.6	0.32	7.43
# of Samples	5	5	5	5
Average	0.26	18.3	0.45	7.37
Range	0.18-0.39	17.6-19.2	0.32-0.58	7.27-7.51

Pritchard SS

Pritchard SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
01-Sep-26	0.20	20.1	0.94	7.36
08-Sep-26	0.16	19.9	0.71	7.20
15-Sep-26	0.18	18.5	0.63	7.42
22-Sep-26	0.28	18.6	0.85	7.53
29-Sep-26	0.36	17.9	0.29	7.39
# of Samples	5	5	5	5
Average	0.24	19.0	0.68	7.38
Range	0.16-0.36	17.9-20.1	0.29-0.94	7.2-7.53

Vineyard View SS

Vineyard View SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
01-Sep-26	0.15	21.1	0.42	7.30
08-Sep-26	0.19	20.9	0.37	7.15
15-Sep-26	0.18	19.2	0.64	7.34
22-Sep-26	0.22	18.8	0.32	7.57
29-Sep-26	0.29	18.8	0.29	7.39
# of Samples	5	5	5	5
Average	0.21	19.76	0.41	7.35
Range	0.15-0.29	18.8-21.1	0.29-0.64	7.15-7.57