

**CITY OF WEST KELOWNA**

# Monthly Water Quality Report



Rose Valley Water Service Area

January 2026

# WATER SUPPLY AND TREATMENT





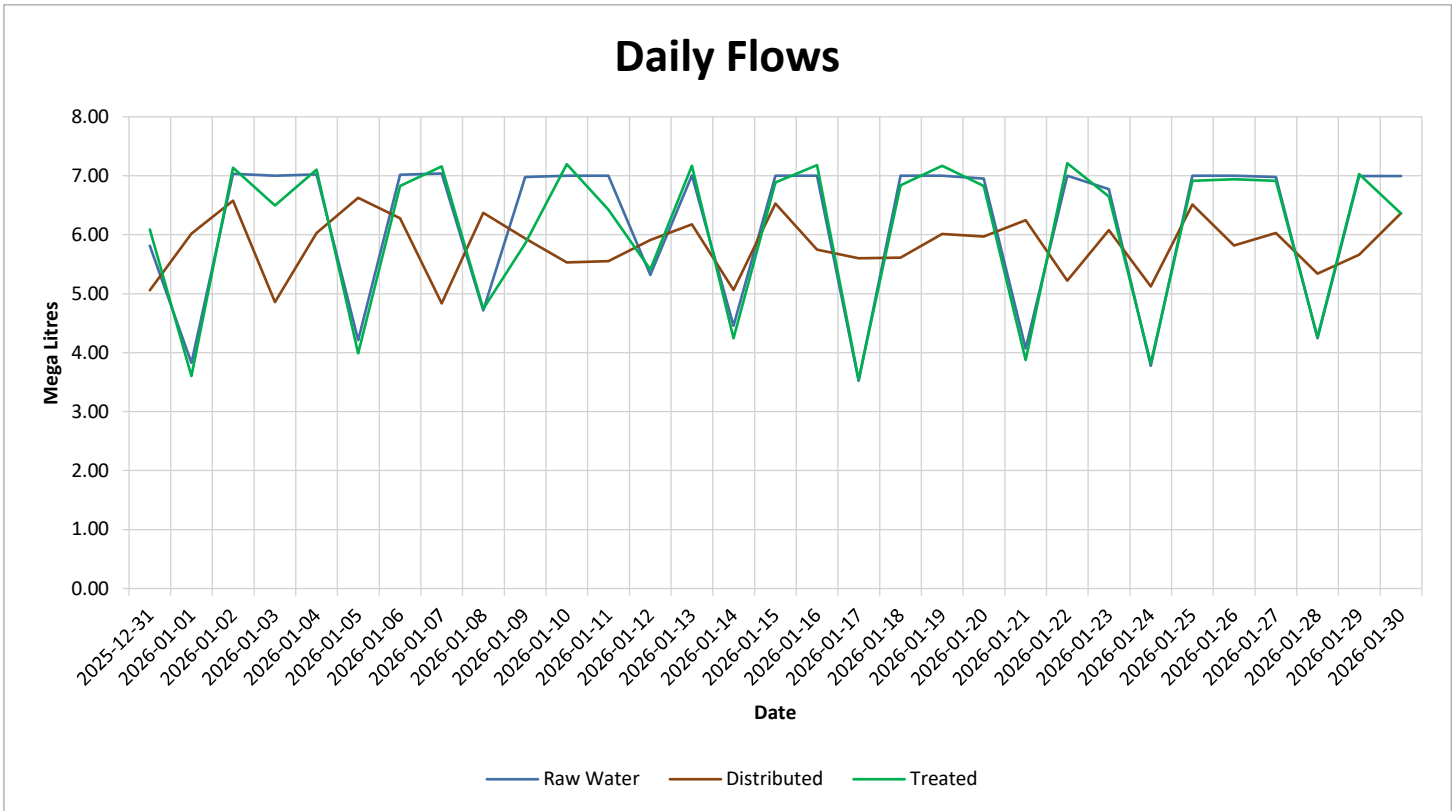
# Rose Valley Water Treatment Plant Monthly Water Quality Summary

2026-02-09

**January, 2026**

## Flow Demand:

	<b>Total for Month</b>	
Raw Processed Water:	190.74	ML
Treated Water :	187.84	ML
Distributed Water :	180.67	ML
Backwash Water :	6.081306	ML



## Notes:

**Raw Water Specifications:**

Date	Raw Turbidity (NTU)			Raw pH		
	Min	Max	Average	Min	Max	Average
2026-01-01	0.68	1.04	0.89	7.93	7.95	7.94
2026-01-02	0.45	0.97	0.70	7.93	7.95	7.94
2026-01-03	0.74	75.67	0.91	7.92	7.93	7.93
2026-01-04	0.83	1.06	0.95	7.91	7.92	7.92
2026-01-05	0.61	0.95	0.79	7.89	7.92	7.90
2026-01-06	0.72	1.07	0.88	7.87	7.90	7.88
2026-01-07	0.61	8.57	0.84	7.87	7.89	7.88
2026-01-08	0.78	1.00	0.86	7.86	7.90	7.87
2026-01-09	0.64	0.92	0.77	7.84	7.87	7.85
2026-01-10	0.75	11.63	0.88	7.84	7.86	7.85
2026-01-11	0.72	0.99	0.83	7.83	7.85	7.84
2026-01-12	0.61	0.92	0.75	7.73	7.89	7.84
2026-01-13	0.69	1.24	0.88	7.80	7.88	7.84
2026-01-14	0.52	0.98	0.71	7.77	7.89	7.85
2026-01-15	0.61	0.91	0.78	7.78	7.90	7.85
2026-01-16	0.50	0.99	0.67	7.85	7.91	7.87
2026-01-17	0.70	1.03	0.82	7.80	7.86	7.84
2026-01-18	0.59	1.01	0.82	7.82	7.89	7.85
2026-01-19	0.66	1.09	0.83	7.81	7.91	7.84
2026-01-20	0.16	10.80	0.59	7.78	7.89	7.84
2026-01-21	0.31	0.83	0.58	7.82	7.91	7.87
2026-01-22	0.40	0.78	0.59	7.82	7.86	7.84
2026-01-23	0.40	0.78	0.60	7.82	7.89	7.85
2026-01-24	0.60	0.93	0.79	7.79	7.89	7.82
2026-01-25	0.69	20.95	0.78	7.81	7.82	7.82
2026-01-26	0.01	0.86	0.60	7.80	7.83	7.82
2026-01-27	0.53	0.82	0.65	7.79	7.80	7.80
2026-01-28	0.55	0.78	0.64	7.79	7.81	7.80
2026-01-29	0.00	0.87	0.70	7.79	7.81	7.80
2026-01-30	0.00	0.94	0.68	7.77	7.80	7.79
2026-01-31	0.00	0.77	0.53	7.75	7.77	7.76

**Notes:**

## Raw Water Specifications (Continued):

Date	Raw Temp (°C)			Raw DOC (mg/L)		
	Min	Max	Average	Min	Max	Average
2026-01-01	4.29	4.70	4.49	14.41	15.09	14.61
2026-01-02	4.08	4.48	4.28	13.82	16.07	14.62
2026-01-03	4.19	4.29	4.23	14.16	15.09	14.60
2026-01-04	4.16	4.25	4.20	14.02	15.43	14.59
2026-01-05	4.16	4.59	4.31	13.97	16.80	14.58
2026-01-06	4.09	4.25	4.16	13.48	14.95	14.59
2026-01-07	4.12	4.31	4.16	14.31	14.99	14.58
2026-01-08	4.12	4.48	4.22	14.02	15.04	14.57
2026-01-09	4.07	4.16	4.11	14.26	15.87	14.57
2026-01-10	4.10	4.20	4.15	14.26	14.85	14.55
2026-01-11	4.13	4.24	4.18	14.16	14.90	14.55
2026-01-12	4.00	4.57	4.18	14.26	15.09	14.54
2026-01-13	3.92	4.20	4.04	14.16	15.09	14.54
2026-01-14	3.91	4.51	4.08	14.02	15.48	14.51
2026-01-15	3.87	4.20	3.99	14.21	16.02	14.51
2026-01-16	3.87	4.97	4.01	14.07	15.38	14.48
2026-01-17	4.02	4.58	4.21	14.31	14.95	14.48
2026-01-18	3.98	4.16	4.09	14.07	15.43	14.48
2026-01-19	4.04	4.22	4.14	14.21	15.97	14.50
2026-01-20	3.87	4.47	4.14	14.36	14.85	14.50
2026-01-21	3.87	4.73	4.09	0.00	14.70	14.45
2026-01-22	3.89	4.16	4.05	14.26	15.87	14.47
2026-01-23	3.72	4.16	3.97	14.02	14.80	14.48
2026-01-24	3.73	4.71	4.22	12.89	14.65	14.47
2026-01-25	4.05	4.18	4.09	14.21	14.95	14.49
2026-01-26	3.94	4.50	4.10	14.16	15.73	14.47
2026-01-27	4.05	4.17	4.10	14.16	15.29	14.47
2026-01-28	4.05	4.61	4.18	14.21	116.29	14.54
2026-01-29	4.07	4.54	4.20	14.21	14.80	14.48
2026-01-30	4.11	4.21	4.17	14.16	14.65	14.45
2026-01-31	4.07	4.57	4.29	14.16	15.04	14.41

Notes:

**Raw Water Specifications (Continued):**

Date	Raw Cond R ( $\mu\text{S}/\text{cm}$ )			Streaming Current		
	Min	Max	Average	Min	Max	Average
2026-01-01	230.11	235.07	232.51	-249.94	112.45	-133.50
2026-01-02	232.03	236.02	233.73	-232.11	-3.79	-33.59
2026-01-03	231.79	235.23	233.47	-11.11	17.95	7.30
2026-01-04	231.91	235.22	233.55	-14.77	-0.37	-7.72
2026-01-05	231.11	235.00	233.02	-289.26	218.19	-99.86
2026-01-06	231.70	235.07	233.28	-21.86	12.33	-2.57
2026-01-07	231.65	235.19	233.40	-93.65	-0.12	-8.87
2026-01-08	231.13	235.35	233.47	-277.78	209.89	-82.56
2026-01-09	232.34	236.05	234.14	-12.82	27.96	7.79
2026-01-10	232.50	235.71	234.15	-16.97	16.73	1.57
2026-01-11	232.36	235.85	234.06	-27.47	18.93	-0.18
2026-01-12	186.47	235.58	209.45	-299.27	169.60	-58.58
2026-01-13	188.72	192.06	190.35	-23.57	20.88	-5.06
2026-01-14	188.22	192.49	190.63	-281.93	155.68	-102.68
2026-01-15	189.25	193.54	191.45	-26.01	10.13	-11.51
2026-01-16	190.61	193.97	192.33	-26.01	10.13	-5.37
2026-01-17	190.09	194.05	192.12	-288.03	206.96	-138.24
2026-01-18	190.97	194.50	192.66	-59.22	16.00	-6.61
2026-01-19	190.83	194.77	193.06	-80.22	10.13	-5.32
2026-01-20	192.06	196.25	193.90	-131.99	54.58	6.67
2026-01-21	191.32	195.83	193.94	-301.95	205.01	-107.06
2026-01-22	192.91	196.18	194.49	-23.57	2.32	-3.79
2026-01-23	192.98	197.99	195.40	-292.92	46.76	-9.29
2026-01-24	192.97	197.89	195.04	-287.79	166.67	-135.20
2026-01-25	193.42	196.63	194.96	-31.62	10.62	-8.45
2026-01-26	193.23	196.94	195.06	-48.23	32.84	-4.76
2026-01-27	193.76	196.65	195.16	-31.38	43.83	28.80
2026-01-28	193.08	196.70	195.05	-303.42	186.45	-95.43
2026-01-29	193.67	196.94	195.38	4.03	21.61	15.22
2026-01-30	193.91	196.93	195.47	12.58	51.65	36.58
2026-01-31	193.38	197.73	195.41	-295.85	148.60	-102.88

Notes:

**Raw Water Specifications (Continued):**

Date	Coagulated pH			Coagulated Temp (°C)		
	Min	Max	Average	Min	Max	Average
2026-01-01	7.58	7.95	7.75	3.71	5.03	4.13
2026-01-02	7.61	7.85	7.62	3.68	4.00	3.74
2026-01-03	7.60	7.69	7.66	3.77	4.64	3.99
2026-01-04	7.66	7.69	7.67	3.78	3.89	3.82
2026-01-05	7.56	7.92	7.70	3.80	4.94	4.14
2026-01-06	7.48	7.66	7.55	3.73	4.00	3.87
2026-01-07	7.51	7.60	7.51	3.74	3.77	3.75
2026-01-08	7.23	7.86	7.59	3.73	4.85	3.90
2026-01-09	7.49	7.52	7.51	3.73	4.37	3.93
2026-01-10	7.51	7.53	7.52	3.78	4.00	3.91
2026-01-11	7.52	7.54	7.53	3.76	4.49	3.93
2026-01-12	7.49	7.81	7.57	3.64	4.67	3.91
2026-01-13	7.50	7.54	7.52	3.58	3.79	3.68
2026-01-14	7.50	7.88	7.64	3.56	4.67	3.92
2026-01-15	7.52	7.55	7.54	3.57	4.36	3.70
2026-01-16	7.51	7.56	7.53	3.53	3.94	3.68
2026-01-17	7.49	7.82	7.64	3.57	4.82	3.94
2026-01-18	7.51	7.57	7.53	3.60	4.24	3.73
2026-01-19	7.54	7.66	7.56	3.59	3.77	3.68
2026-01-20	7.52	7.87	7.56	3.38	4.57	3.72
2026-01-21	7.53	7.89	7.68	3.37	4.56	3.75
2026-01-22	7.57	7.60	7.58	3.40	3.61	3.54
2026-01-23	7.53	7.90	7.57	3.05	4.41	3.48
2026-01-24	7.50	7.87	7.67	3.05	4.67	3.73
2026-01-25	7.54	7.57	7.56	3.54	4.19	3.66
2026-01-26	7.54	7.59	7.56	3.56	4.43	3.61
2026-01-27	7.54	7.57	7.56	3.59	3.93	3.73
2026-01-28	7.56	7.85	7.67	3.59	4.68	3.85
2026-01-29	7.59	7.60	7.59	3.63	3.68	3.66
2026-01-30	7.58	7.62	7.61	3.66	4.57	3.87
2026-01-31	7.60	7.82	7.69	3.74	4.76	3.99

Notes:

**Raw Water Specifications (Continued):**

Date	Raw Cond Y ( $\mu\text{S}/\text{cm}$ )			Raw Water DO ( $\text{mg}/\text{L}$ )		
	Min	Max	Average	Min	Max	Average
2026-01-01	119.32	121.03	120.16	10.97	11.16	11.12
2026-01-02	74.28	119.53	119.32	11.15	11.18	11.17
2026-01-03	40.10	119.71	119.55	11.08	11.13	11.11
2026-01-04	119.47	119.64	119.55	11.06	11.07	11.07
2026-01-05	50.11	121.34	119.97	10.92	11.05	11.01
2026-01-06	55.14	119.89	119.70	10.92	11.01	10.96
2026-01-07	39.06	120.04	119.79	10.89	10.96	10.93
2026-01-08	-0.32	1261.09	132.35	9.11	12.10	11.10
2026-01-09	22.52	113.79	113.46	11.19	11.41	11.31
2026-01-10	113.60	113.91	113.77	11.18	11.32	11.26
2026-01-11	113.72	114.12	113.94	11.12	11.25	11.19
2026-01-12	113.46	114.91	114.08	10.94	11.46	11.17
2026-01-13	112.86	114.75	113.73	11.00	11.56	11.31
2026-01-14	48.32	114.96	113.74	10.77	11.64	11.39
2026-01-15	112.98	114.63	113.69	10.85	11.74	11.40
2026-01-16	30.56	113.58	113.21	11.42	12.68	11.56
2026-01-17	113.31	115.46	114.21	11.00	11.49	11.32
2026-01-18	112.55	114.15	113.67	11.21	11.73	11.40
2026-01-19	113.35	114.92	114.24	10.88	11.49	11.18
2026-01-20	112.81	115.17	114.19	10.86	11.76	11.30
2026-01-21	112.82	114.56	113.49	11.24	11.77	11.64
2026-01-22	9.41	114.52	113.78	11.28	11.57	11.39
2026-01-23	59.37	114.38	113.35	11.26	11.83	11.53
2026-01-24	112.39	115.94	114.38	10.85	11.80	11.23
2026-01-25	114.24	114.66	114.45	11.25	11.33	11.28
2026-01-26	114.33	115.04	114.50	11.19	11.32	11.27
2026-01-27	114.60	114.93	114.77	11.13	11.18	11.15
2026-01-28	114.62	116.35	115.12	11.08	11.23	11.18
2026-01-29	114.99	115.31	115.16	11.14	11.25	11.19
2026-01-30	115.21	115.54	115.36	11.00	11.19	11.10
2026-01-31	115.49	116.93	116.02	10.76	10.96	10.88

**Notes:**

## Raw Water Specifications (Continued):

Date	Raw Manganese (ppm)		
	Min	Max	Average
2026-01-01	???	???	0.41
2026-01-02	???	???	0.41
2026-01-03	???	???	0.41
2026-01-04	???	???	0.41
2026-01-05	???	???	0.41
2026-01-06	???	???	0.41
2026-01-07	???	???	0.41
2026-01-08	???	???	0.41
2026-01-09	???	???	0.41
2026-01-10	???	???	0.41
2026-01-11	???	???	0.41
2026-01-12	???	???	0.41
2026-01-13	???	???	0.41
2026-01-14	???	???	0.41
2026-01-15	???	???	0.41
2026-01-16	???	???	0.41
2026-01-17	???	???	0.41
2026-01-18	???	???	0.41
2026-01-19	???	???	0.41
2026-01-20	???	???	0.41
2026-01-21	???	???	0.41
2026-01-22	???	???	0.41
2026-01-23	???	???	0.41
2026-01-24	???	???	0.41
2026-01-25	???	???	0.41
2026-01-26	???	???	0.41
2026-01-27	???	???	0.41
2026-01-28	???	???	0.41
2026-01-29	???	???	0.41
2026-01-30	???	???	0.41
2026-01-31	???	???	0.41

### Notes:

- Manganese analyzer offline for season.

### Train 1 Filter Turbidity (NTU):

Date	Filter 1			Filter 2			Filter 3		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-01-01	0.01	0.04	0.01	0.21	0.27	0.22	0.01	0.02	0.01
2026-01-02	0.01	0.01	0.01	0.22	0.72	0.23	0.01	0.02	0.01
2026-01-03	0.01	0.04	0.01	0.23	0.26	0.24	0.01	0.03	0.01
2026-01-04	0.01	0.01	0.01	0.23	0.30	0.25	0.01	0.02	0.01
2026-01-05	0.01	0.03	0.01	0.24	0.27	0.25	0.01	0.02	0.01
2026-01-06	0.01	0.03	0.01	0.25	0.28	0.26	0.01	0.02	0.01
2026-01-07	0.01	0.02	0.01	0.25	0.28	0.27	0.01	0.02	0.01
2026-01-08	0.01	0.02	0.01	0.26	0.30	0.27	0.01	0.02	0.01
2026-01-09	0.01	0.09	0.03	0.27	1.77	0.28	0.01	0.17	0.04
2026-01-10	0.01	0.01	0.01	0.28	0.33	0.30	0.01	0.02	0.01
2026-01-11	0.01	0.03	0.02	0.29	0.33	0.31	0.01	0.04	0.02
2026-01-12	0.01	0.01	0.01	0.30	0.34	0.31	0.01	0.02	0.02
2026-01-13	0.01	0.01	0.01	0.30	0.35	0.32	0.02	0.03	0.02
2026-01-14	0.01	0.05	0.01	0.30	0.46	0.32	0.02	0.03	0.02
2026-01-15	0.00	0.01	0.01	0.31	0.42	0.32	0.02	0.07	0.02
2026-01-16	0.01	0.01	0.01	0.31	0.39	0.33	0.01	0.03	0.01
2026-01-17	0.01	0.02	0.01	0.32	0.37	0.33	0.01	0.02	0.01
2026-01-18	0.01	0.02	0.01	0.32	0.41	0.33	0.01	0.02	0.01
2026-01-19	0.01	0.01	0.01	0.32	0.38	0.34	0.01	0.03	0.01
2026-01-20	0.01	0.01	0.01	0.33	0.37	0.34	0.01	0.03	0.01
2026-01-21	0.01	0.02	0.01	0.34	0.37	0.35	0.01	0.02	0.01
2026-01-22	0.01	0.01	0.01	0.34	0.39	0.35	0.01	0.02	0.01
2026-01-23	0.01	0.01	0.01	0.34	0.38	0.35	0.01	0.03	0.01
2026-01-24	0.01	0.02	0.01	0.35	0.39	0.36	0.01	0.02	0.01
2026-01-25	0.01	0.03	0.01	0.35	0.38	0.36	0.01	0.03	0.01
2026-01-26	0.01	0.02	0.01	0.36	0.40	0.37	0.01	0.03	0.02
2026-01-27	0.01	0.01	0.01	0.36	0.44	0.38	0.01	0.02	0.02
2026-01-28	0.01	0.01	0.01	0.37	0.40	0.38	0.02	0.02	0.02
2026-01-29	0.01	0.01	0.01	0.37	0.42	0.38	0.02	0.03	0.02
2026-01-30	0.01	0.05	0.01	0.37	0.40	0.38	0.01	0.09	0.02
2026-01-31	0.01	0.04	0.01	0.37	0.43	0.39	0.01	0.03	0.01

**Notes:**

Filter 2 is offline for the season.

## Train 2 Filter Turbidity (NTU)

Date	Filter 4			Filter 5			Filter 6		
	Min	Max	Average	Min	Max	Average	Min	Max	Average
2026-01-01	0.01	0.02	0.01	0.12	0.16	0.13	0.01	0.02	0.02
2026-01-02	0.01	0.02	0.01	0.12	0.16	0.13	0.02	0.03	0.02
2026-01-03	0.01	0.04	0.02	0.12	0.20	0.13	0.02	0.03	0.02
2026-01-04	0.01	0.02	0.01	0.12	0.19	0.13	0.02	0.03	0.03
2026-01-05	0.01	0.02	0.01	0.12	0.17	0.13	0.02	0.03	0.03
2026-01-06	0.01	0.01	0.01	0.12	0.20	0.12	0.01	0.05	0.02
2026-01-07	0.01	0.02	0.01	0.12	0.18	0.13	0.01	0.02	0.01
2026-01-08	0.01	0.02	0.01	0.13	0.19	0.13	0.01	0.02	0.01
2026-01-09	0.01	0.03	0.01	0.12	0.18	0.13	0.01	0.06	0.02
2026-01-10	0.01	0.02	0.01	0.13	0.19	0.13	0.02	0.03	0.02
2026-01-11	0.01	0.03	0.01	0.12	0.18	0.13	0.01	0.06	0.02
2026-01-12	0.01	0.02	0.01	0.12	0.18	0.13	0.01	0.02	0.01
2026-01-13	0.01	0.01	0.01	0.12	0.22	0.14	0.01	0.02	0.01
2026-01-14	0.01	0.03	0.01	0.14	0.22	0.15	0.01	0.03	0.01
2026-01-15	0.01	0.02	0.01	0.13	0.19	0.14	0.01	0.05	0.01
2026-01-16	0.01	0.02	0.02	0.13	0.15	0.14	0.01	0.13	0.05
2026-01-17	0.01	0.02	0.02	0.13	0.18	0.13	0.06	0.09	0.06
2026-01-18	0.02	0.05	0.02	0.13	0.20	0.14	0.04	0.08	0.05
2026-01-19	0.01	0.02	0.02	0.13	0.15	0.13	0.04	0.06	0.04
2026-01-20	0.02	0.04	0.02	0.12	0.15	0.13	0.05	0.08	0.05
2026-01-21	0.01	0.04	0.02	0.13	0.19	0.13	0.06	0.09	0.07
2026-01-22	0.01	0.02	0.01	0.12	0.19	0.13	0.07	0.11	0.09
2026-01-23	0.01	0.04	0.01	0.12	0.15	0.13	0.01	0.16	0.04
2026-01-24	0.01	0.03	0.02	0.12	0.18	0.13	0.01	0.04	0.02
2026-01-25	0.02	0.06	0.02	0.12	0.18	0.13	0.01	0.04	0.02
2026-01-26	0.01	0.04	0.02	0.12	0.17	0.13	0.02	0.08	0.04
2026-01-27	0.01	0.04	0.02	0.12	0.18	0.13	0.01	0.03	0.01
2026-01-28	0.02	0.03	0.02	0.12	0.15	0.13	0.01	0.03	0.01
2026-01-29	0.02	0.03	0.02	0.12	0.18	0.12	0.01	0.02	0.01
2026-01-30	0.01	0.06	0.02	0.12	0.15	0.12	0.01	0.10	0.01
2026-01-31	0.01	0.02	0.01	0.12	0.28	0.13	0.01	0.02	0.01

### Notes:

Filter #5 is offline for the season

**UV Treatment:**

<b>Date</b>	<b>Average Flow (L/s)</b>	<b>Avg Validated Dose (mj/cm2)</b>	<b>Undosed Flow (ML)</b>
2026-01-01	82.96	21.87	0.0000
2026-01-02	81.76	22.00	0.0005
2026-01-03	82.90	22.00	0.0000
2026-01-04	49.13	13.43	0.0000
2026-01-05	82.36	22.00	0.0009
2026-01-06	83.08	22.00	0.0000
2026-01-07	54.99	15.02	0.0000
2026-01-08	81.34	22.00	0.0000
2026-01-09	83.04	22.00	0.0000
2026-01-10	83.16	22.00	0.0000
2026-01-11	62.45	16.88	0.0000
2026-01-12	83.38	22.00	0.0000
2026-01-13	52.34	14.16	0.0000
2026-01-14	83.31	22.00	0.0000
2026-01-15	83.79	22.00	0.0000
2026-01-16	41.57	11.31	0.0000
2026-01-17	82.46	22.00	0.0000
2026-01-18	83.71	22.00	0.0000
2026-01-19	82.37	22.00	0.0000
2026-01-20	47.74	12.93	0.0000
2026-01-21	83.33	22.00	0.0001
2026-01-22	79.72	21.44	0.0000
2026-01-23	44.22	12.03	0.0000
2026-01-24	82.84	22.00	0.0003
2026-01-25	83.47	22.00	0.0000
2026-01-26	82.92	22.00	0.0000
2026-01-27	48.97	13.53	0.0000
2026-01-28	82.30	22.00	0.0004
2026-01-29	82.63	22.00	0.0000
2026-01-30	47.36	13.05	0.0000
2026-01-31	82.46	22.00	0.0005

Monthly Total (ML): 0.0029

% of monthly water that was not UV treated: 0.002%

Notes:

## UV Transmittance %:

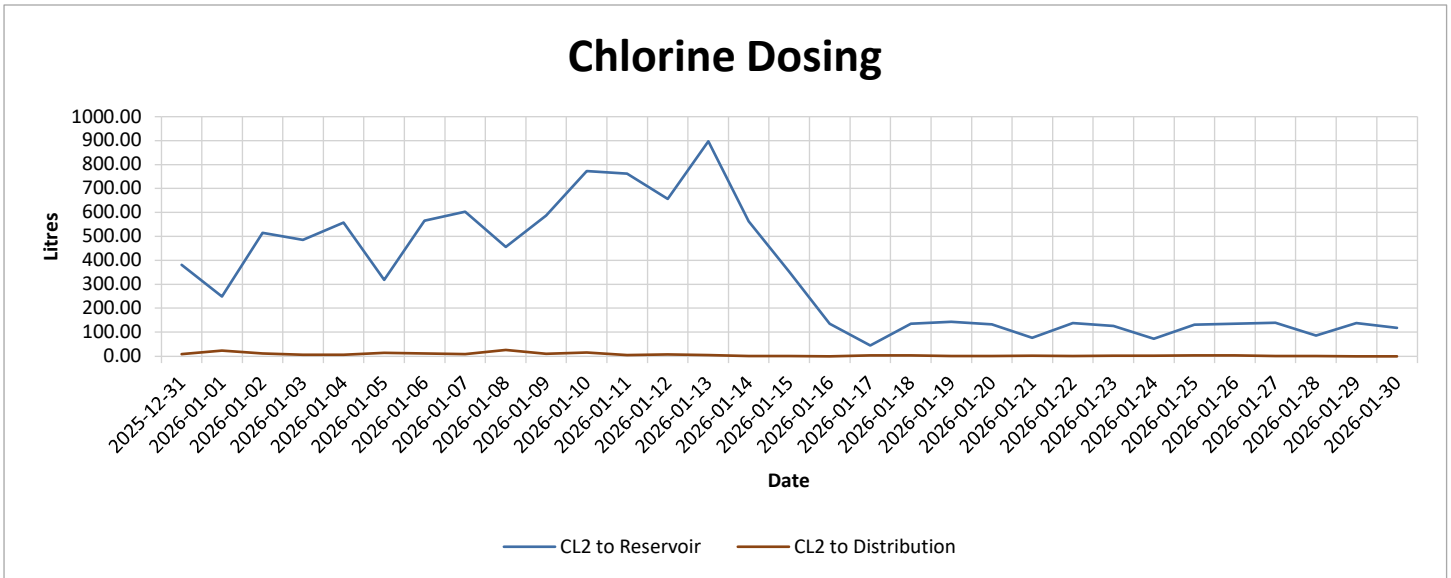
Date	Min	Max	Average
2026-01-01	87.52	88.62	88.05
2026-01-02	87.40	88.42	87.99
2026-01-03	87.72	89.16	88.53
2026-01-04	86.94	88.57	88.02
2026-01-05	87.42	88.91	88.21
2026-01-06	87.52	89.11	88.22
2026-01-07	87.30	88.50	87.96
2026-01-08	87.55	88.69	88.02
2026-01-09	85.71	88.91	87.70
2026-01-10	87.64	89.16	88.37
2026-01-11	87.35	88.79	88.04
2026-01-12	87.67	88.86	88.29
2026-01-13	87.40	88.45	87.97
2026-01-14	87.40	88.86	88.08
2026-01-15	87.30	88.91	88.00
2026-01-16	87.55	88.74	88.23
2026-01-17	87.42	88.45	87.95
2026-01-18	87.40	88.86	88.04
2026-01-19	87.64	88.82	88.21
2026-01-20	87.67	89.11	88.40
2026-01-21	87.35	89.06	88.18
2026-01-22	87.06	88.79	88.07
2026-01-23	87.42	88.94	88.19
2026-01-24	87.55	88.67	87.95
2026-01-25	87.28	88.74	88.01
2026-01-26	87.23	88.82	87.79
2026-01-27	87.59	89.40	88.72
2026-01-28	88.08	89.04	88.57
2026-01-29	87.72	89.40	88.48
2026-01-30	88.13	89.45	88.83
2026-01-31	88.33	89.52	88.93

### Notes:

# Chemical Demand:

## Chlorine Used:

Total for Month  
10641.54 Litres

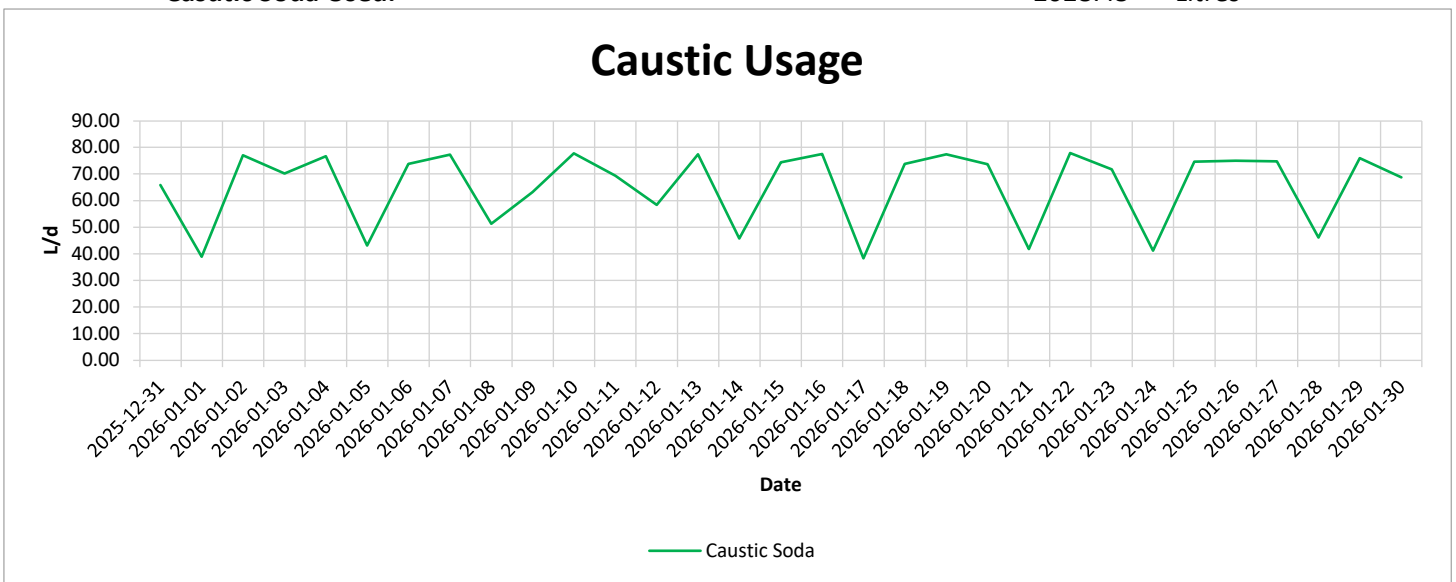


### Notes:

Switched hypochlorite tanks on Jan 15th, concentration changed from 2% to 10.5% requiring less total litres for same disinfection results.

## Caustic Soda Used:

Total for Month  
2028.45 Litres

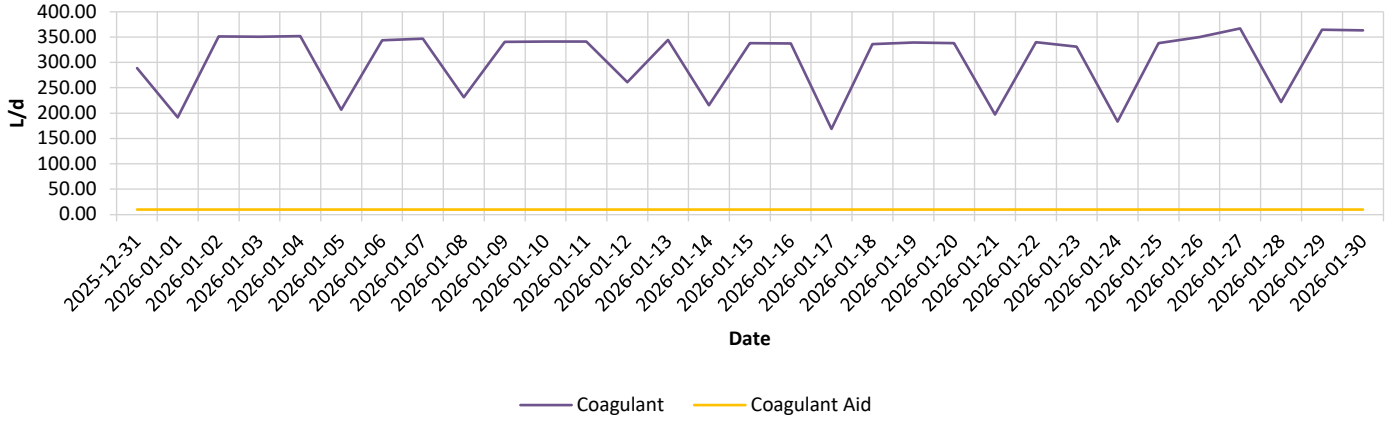


### Notes:

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

Total for Month  
 9424.13 Litres  
 296.49 Litres

### Coagulant and Aid Usage



Notes:

**Polymer @ .2% Concentration:**

Total for Month  
 41802.16 Litres

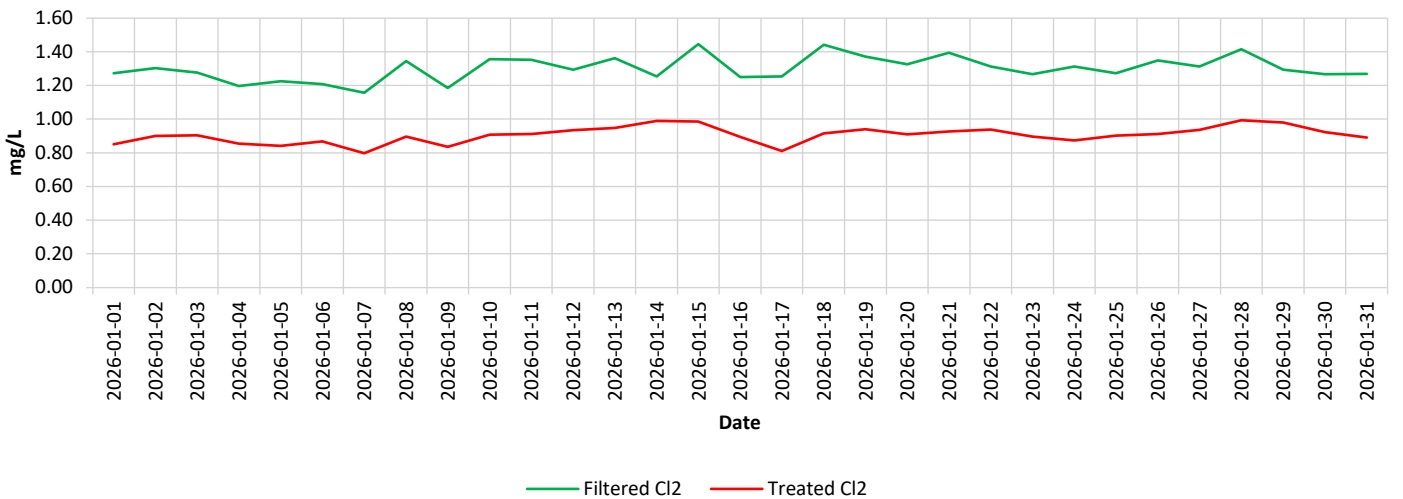
**Polymer @ .5% Concentration:**

Total for Month  
 43767.03 Litres

**Chlorine Dose**

Filtered Water Residual Cl2 Average (mg/L): 1.30 mg/L  
 Treated Water (Distributed) Cl2 Average (mg/L): 0.90 mg/L

### Average Residual Cl2 Content



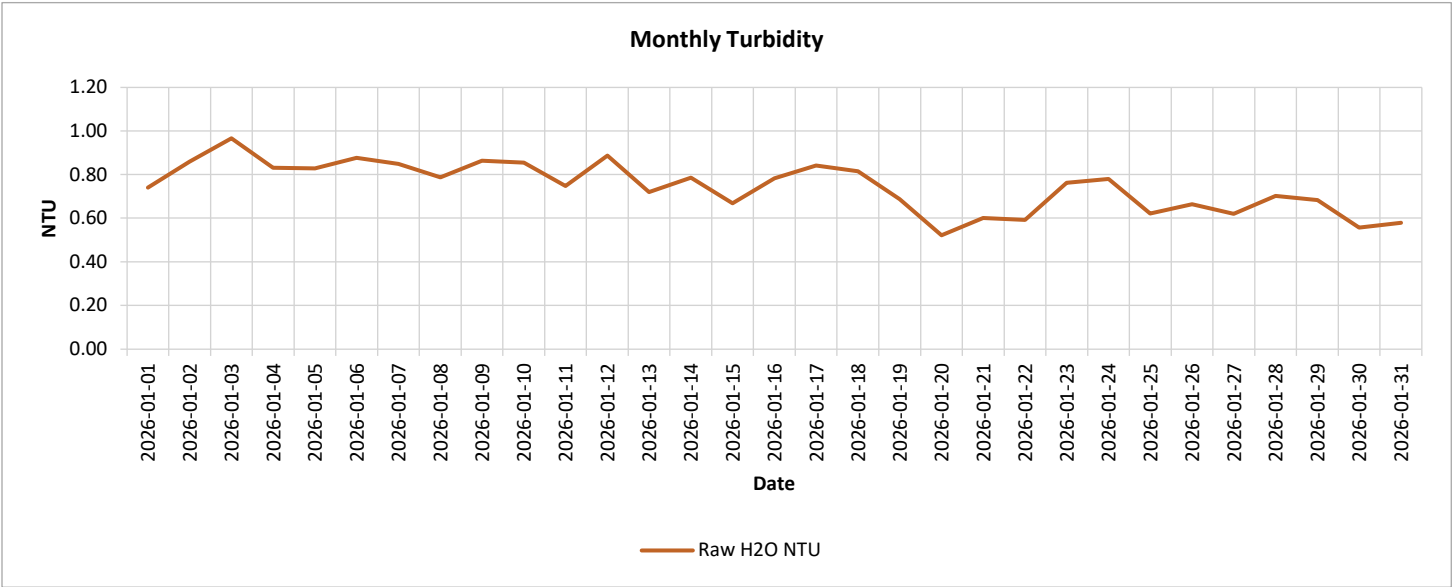
# Water Quality Analytics:

## Turbidity

Raw Water Monthly Average:

0.74

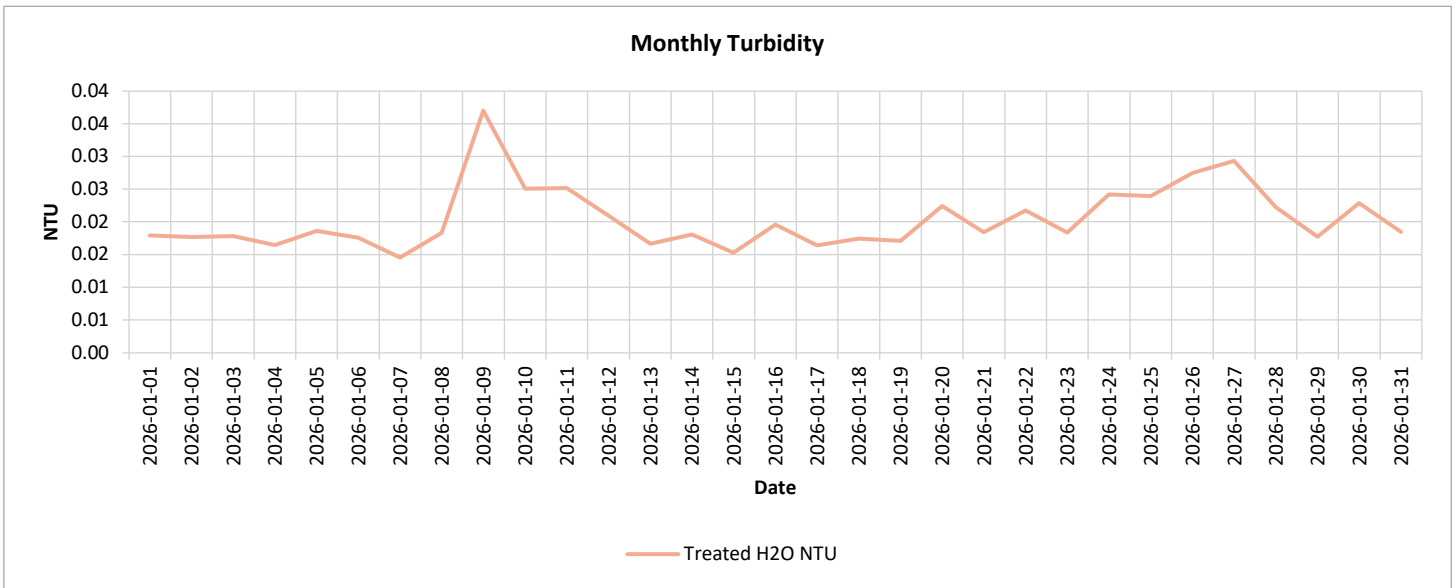
NTU



Treated Water Monthly Average:

0.02

NTU



Notes:

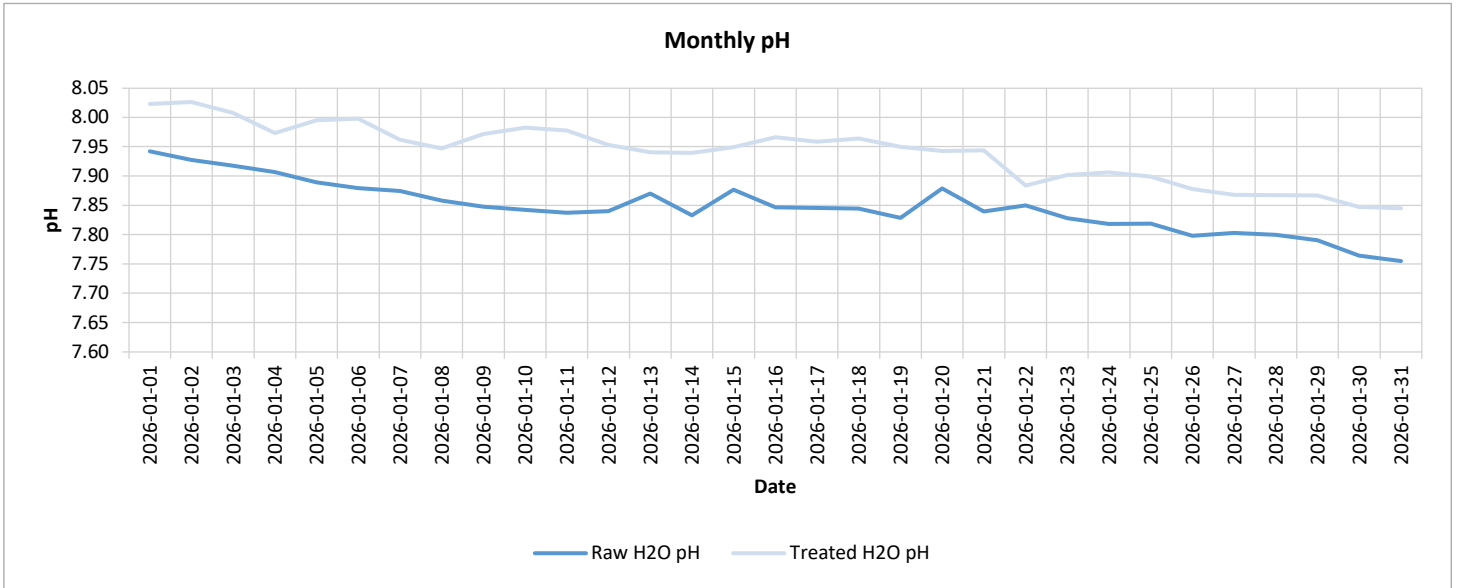
**pH**

Raw Water Monthly Average:

7.85 pH

Treated Water Monthly Average:

7.94 pH



**Notes:**

## Rose Valley WTP Operational Highlights:

**Jan 2nd** - Power outage lasting 15 minutes.

**Jan 6th** - Annual blower maintenance, Monthly Treated Water Reservoir checks completed.

**Jan 8th** - Installed new pressure switch for slide gate column. Testing and configuring to follow; Replaced broken faceplate on recepticle located on top of treated water reservoir. Performed annual calibration on EXO Sonde sensors (DO, Conductivity, Algae).

**Jan 14th** - Adjusted sludge tank mixer speeds to prevent foaming of tank.

**Jan 15th** - Switched hypo tanks Concentration went from 2% >10%.

**Jan 15th** - Filtered water pump P-440 craned back into place, motor sent away for service.

**Jan 17th** - Hypo pumps air locked, Purged all air and returned to service.

**Jan 20th** - Fault on raw NTU analyzer requiring a re-calibration.

**Jan 21st** - Swapped pump heads on hypochlorite pump P-750 due to backflow through pump head.

**Jan 22nd** - Recalibrated hypochlorite pump P-750 after head swap and lowered dose.

**Jan 23rd** - Plant shutdown due to low poly flow in make down unit. Clogged near injection to mixing skid, cleared and put unit back in service. Plant back online

**Jan 30th** - Lamella sludge pump issues of not reaching commanded speed. Took system apart for cleaning and found check valve with debris not allowing it to open all the way. Cleaned out check valve and put back into service.

## Rose Valley Watershed Operational Highlights:

### **Rose Valley**

- Daily Dam check
- Jan 6th Dam Inspection, ran generator & completed piezometers
- Jan 13th Dam Inspection, lake level 597.01
- Jan 19th Dam Inspection, lake level 596.95
- Jan 27th Dam Inspection, lake frozen

### **Bighorn**

- Jan 7th Site check
- Jan 14th Site check
- Jan 20th Site Check
- Jan 27th Site check

### **Esperon**

- Jan 7th monthly site check

### **Bear Creek Intake (BCI) and Rotork**

- Jan 6th Site check
- Jan 13th Site check
- Jan 20th new camera installed to monitor the fish flow and creek

## 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

January 2026

## Water Quality Data Review

- Based on the Rose Valley Water Service Area (RVWSA) distribution system grab-sample data, it appears the turbidity, free-chlorine (FCR) and bacteriological results have met the Water Quality Objectives (WQO) during the month of January.
- January Bacteriological sampling summary:
  - 24 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*.
- January 6, 2026 – Lower Boucherie PS the re-chlorination system was taken offline as the FCR values at the had increase above target levels at the Vineyard View Sample Station (SS).
  - Flow dynamics supplying Pressure Zone-588 via the reservoirs and PRVs were monitored and adjusted throughout the month into February in effort to determine the cause for the elevated FCR concentration in the zone.
  - January 14, 2026 – Re-chlorination system was turned back on at station, FCR at Vineyard View SS was noted to decreased to a desirable level of 0.62mg/L.
  - Upper Boucherie FCR was 0.50mg/L and Vineyard View SS was 0.42mg/L.
  - January 16<sup>th</sup> a leak was noted on the dosing system and the injection quill appeared to have a blockage, so the re-chlorination was taken offline until the end of the month. During this time, FCR concentration were still adequately maintained
- January 7, 2026 – Lakeview Cove PS online FCR analyzer calibration adjustment of 0.23mg/L decrease.
- January 20, 2026 – Rosewood PS online FCR analyzer calibration adjustment of 0.27mg/L increase.
- January 20, 2026 – Lakeview Cove PS was dosed with hypo to increase the FCR in the reservoir by 0.20mg/L due to previous low FCR value recorded. Pumps were initiated to promote mixing.
- January 21, 2026 – Menu PS online FCR analyzer calibration adjustment of 0.22mg/L increase.
- January 28, 2026 – Rosewood PS online pH analyzer calibration adjustment of 0.35 decrease.

## Operational System Improvements/Events

- January 2, 2026 – 1275 Marlyn Crt water main leak was repaired by City crews and City contractor. The mainline valve was closed from 8:40am to 9:05am affecting 9 homes with a water disruption. Positive pressure was maintained during repair, no contamination was suspected. Water quality field parameters taken at 1279 Marlyn Crt hose bib 0.25NTU and 0.37mg/L at 9:55am.
- January 6, 2026 – Shannon Woods PS all three pumps were inspected and routine maintenance was completed.

- January 8, 2026 – Pinewoods PS flow switch on Pump #2 was replaced and was put back into alternate operation.
- January 16, 2026 – Lower Boucherie PS re-chlorination system was taken out of service due to dosing system leak related to the fouling of the injection quill. Parts were ordered, replaced and the system was returned into service on January 30<sup>th</sup>.
  - January 30, 2026 – Hypo system was repair and put back into service.
- January 19, 2026 – Westgate Rd (near transit hub) leak on an irrigation curb stop was identified. Mainline valves had to be closed to isolate leak, no services affected by this, leak was repaired later that week. Two fire hydrants were taken out of service and fire department was informed.
  - January 22, 2026 – Service leak on Westgate Rd was repaired by City staff, no properties without water and fire hydrants were put back into service once repair completed.
- January 21, 2026 – Remote access to SCADA was temporarily taken offline.
- January 24, 2026 – 1462 Scott Cres service leak on City side was identified. Required a pole hold repair planned for the following week.
  - January 27, 2026 – 1462 Scott Cres service leak repaired by City staff. Only one property affected by repair. Main was throttled down lowering the pressure in the area, positive pressure was maintained during excavation and repair.
- January 28, 2026 – Menu Reservoir new lock security installed on hatch lid.
- January 29, 2026 – Lakeview Cove PS pump #2 was removed from service and taken into contractor for inspection and repair.
- January 29, 2026 – 2850 Shannon Lake Rd curb stop repair completed by City crews.

# WQ Field and SCADA Data

Sampling Location Table:

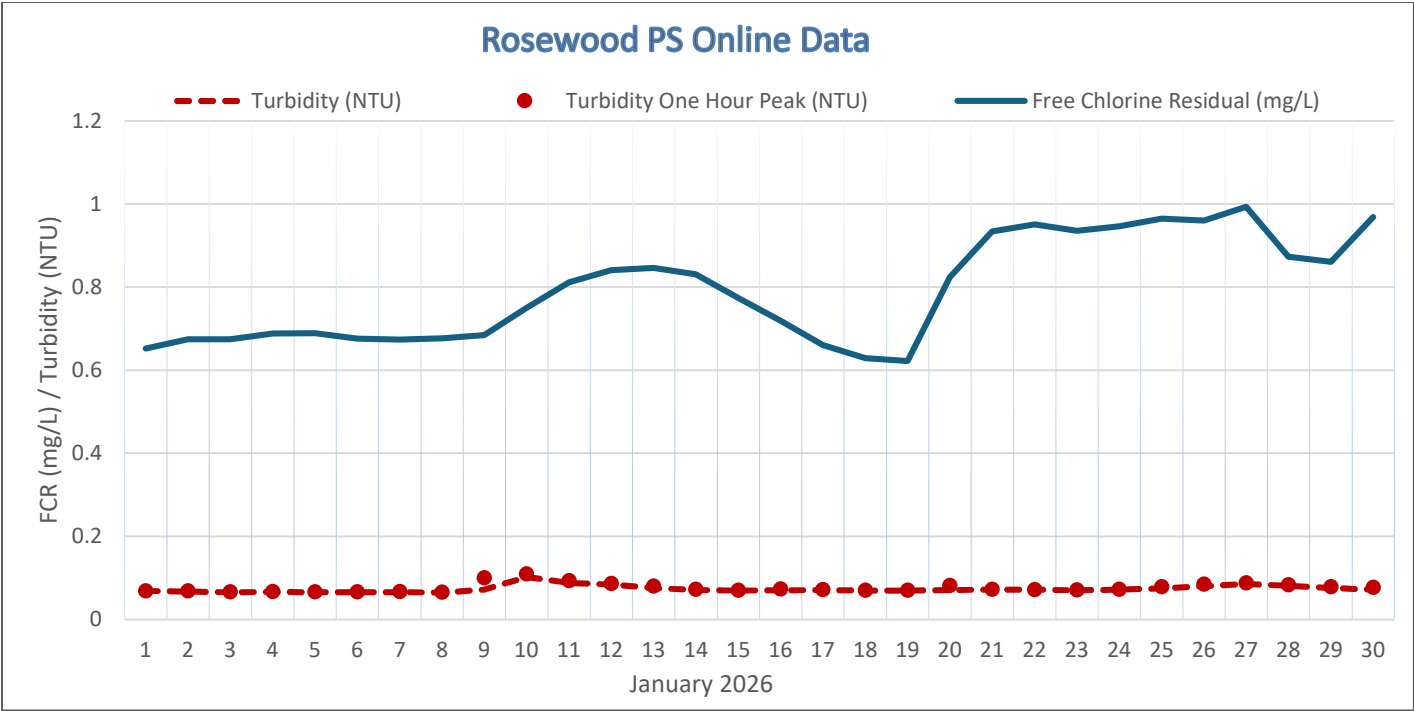
Sample Name	Civic Address	Pressure Zone	WQ Sampling Rationale
<b>Rosewood PS</b>	1463 Rosewood Dr	597	Installed new online water quality analyzer at Rosewood PS and changed grab sample location from <b>RV Trails</b> to this new location to coincide and best represent as the "First Customer Sample" entering the RVWSA distribution network.
<b>Menu PS</b>	Adjacent to 1181 Menu Dr	597	Mid system water quality check. Water quality entering the Mission Hill, Sunnyside, Pritchard and Green Bay areas from dedicated main from treatment plant.
<b>Blackwood PS</b>	1551 Blackwood Dr	584	Mid system water quality check. Water quality entering the West Kelowna Estates area.
<b>Thacker SS</b>	3111 Thacker Dr	539	End system water quality check.
<b>Lower Boucherie PS &amp; Res</b>	Entry at end of road near 1359 Cabernet Way	627	Mid system water quality check. Water quality entering the Sunnyside area.
<b>Upper Boucherie Res Outlet</b>	Entry across from 1489 Cabernet Way	627	Mid system water quality check. Water quality entering the Sunnyside area.
<b>Shannon Way SS</b>	2240 Hihannah Dr	597	Mid system water quality check. Water quality for the Shannon Lake area.
<b>Lower Horizon SS</b>	2100 Horizon Dr	507	End system water quality check.
<b>Pritchard SS</b>	1599 Pritchard Dr	409	End system water quality check.
<b>Vineyard View SS</b>	Adjacent to 3284 Vineyard View Dr	588	Mid system water quality check. Location is after re-chlorination at the Upper Boucherie Reservoir. Replaced the <b>Viognier PRV</b> sample location.
<b>Lakeview Cove PS</b>	Adjacent to 3052 Lakeview Cove Rd	609	End system water quality check. Water quality distributed throughout Lakeview Heights area.

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

**PS** = Pump Station  
**SS**= Sample Station  
**Res**=Reservoir

# Rosewood PS

Rosewood PS Online Data								
Date	Turbidity	Turbidity (Peak 1 Hr)	FCR			Temp	pH	ORP
	Avg (NTU)	Max Based On 1 Hr Avg	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Avg (°C)	Avg (pH)	Avg (mV)
<b>Jan 2026</b>								
1	0.07	0.07	0.65	0.65	0.65	5.61	8.02	703
2	0.07	0.07	0.65	0.72	0.67	5.56	8.03	725
3	0.07	0.07	0.63	0.72	0.67	5.43	8.03	731
4	0.07	0.07	0.66	0.73	0.69	5.45	8.02	723
5	0.07	0.07	0.63	0.81	0.69	5.46	8.01	722
6	0.07	0.07	0.62	0.73	0.68	5.46	8.03	720
7	0.07	0.07	0.63	0.74	0.67	5.46	8.03	720
8	0.07	0.07	0.61	0.80	0.68	5.47	8.02	717
9	0.07	0.10	0.62	0.80	0.68	5.40	8.03	715
10	0.10	0.11	0.66	0.89	0.75	5.48	8.03	729
11	0.09	0.09	0.75	0.84	0.81	5.50	8.02	728
12	0.08	0.09	0.79	0.89	0.84	5.49	8.01	731
13	0.08	0.08	0.82	0.88	0.85	5.50	8.01	728
14	0.07	0.07	0.79	0.87	0.83	5.48	8.00	724
15	0.07	0.07	0.70	0.84	0.77	5.48	8.00	725
16	0.07	0.07	0.65	0.78	0.72	5.41	8.01	722
17	0.07	0.07	0.61	0.72	0.66	5.35	8.01	720
18	0.07	0.07	0.47	0.81	0.63	5.37	8.01	717
19	0.07	0.07	0.51	0.68	0.62	5.27	8.01	711
20	0.07	0.08	0.62	0.97	0.82	5.30	8.00	713
21	0.07	0.07	0.89	1.01	0.93	5.33	8.00	716
22	0.07	0.07	0.86	1.03	0.95	5.24	8.02	719
23	0.07	0.07	0.90	1.02	0.94	5.16	8.01	718
24	0.07	0.07	0.88	1.08	0.95	5.06	8.01	719
25	0.08	0.08	0.90	1.12	0.96	4.97	8.01	719
26	0.08	0.09	0.89	1.03	0.96	5.03	8.01	719
27	0.09	0.09	0.92	1.06	0.99	5.06	8.00	724
28	0.08	0.08	0.67	1.54	0.87	5.19	7.83	730
29	0.08	0.08	0.66	1.04	0.86	5.12	7.70	734
30	0.07	0.08	0.92	1.02	0.97	5.19	7.70	736
31	0.07	0.07	0.88	1.00	0.92	5.26	7.69	737
<b>Average</b>	0.07		0.72	0.90	0.80	5.34	7.98	722
<b>Min</b>	0.07		0.47	0.65	0.62	4.97	7.69	703
<b>Max</b>	0.10	0.11	0.92	1.54	0.99	5.61	8.03	737

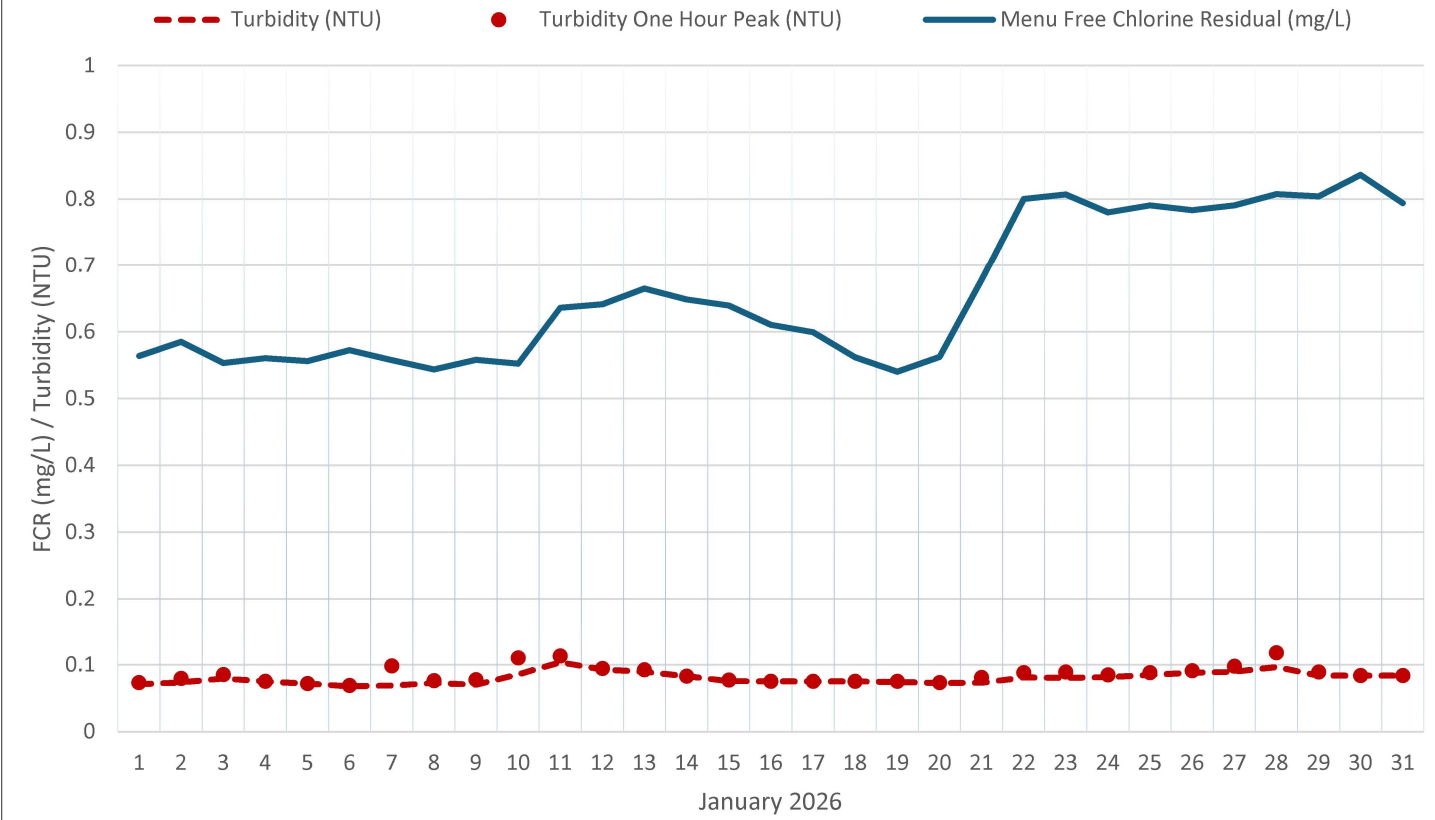


Rosewood PS Water Quality						
Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
06-Jan-26	0.09	0.07	8.0	0.87	0.69	7.92
13-Jan-26	0.13	0.07	5.0	1.07	0.83	7.32
20-Jan-26	0.06	0.10	4.7	0.96	0.68	7.82
27-Jan-26	0.17	0.08	5.0	0.93	0.96	8.00
# of Samples	4	4	4	4	4	4
Average	0.11	0.08	5.7	0.96	0.79	7.77
Range	0.06-0.17	0.07-0.1	4.7-8.0	0.87-1.07	0.68-0.96	7.32-8.00

# Menu PS

Menu PS Online Data									
Date	Combined Flow Total From RV	Turbidity	Turbidity (Peak 1 Hr)	Temp	pH	ORP	FCR		
	(m <sup>3</sup> )	Avg (NTU)	Max Based On 1 Hr Avg	Avg (°C)	Avg (pH)	Avg (mV)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
<b>Jan 2026</b>									
1	1193	0.07	0.07	5.83	7.61	755	0.54	0.61	0.56
2	1234	0.07	0.08	5.82	7.61	765	0.56	0.61	0.59
3	992	0.08	0.09	5.78	7.63	758	0.52	0.58	0.55
4	1266	0.08	0.08	5.74	7.62	749	0.53	0.60	0.56
5	1099	0.07	0.07	5.73	7.61	743	0.53	0.60	0.56
6	1289	0.07	0.07	5.70	7.61	745	0.55	0.61	0.57
7	913	0.07	0.10	5.62	7.62	741	0.52	0.60	0.56
8	1178	0.07	0.08	5.60	7.62	739	0.52	0.58	0.54
9	1076	0.07	0.08	5.53	7.61	738	0.54	0.58	0.56
10	949	0.09	0.11	5.63	7.62	737	0.53	0.59	0.55
11	1226	0.10	0.11	5.61	7.62	751	0.59	0.66	0.64
12	1142	0.09	0.09	5.62	7.60	748	0.61	0.68	0.64
13	1233	0.09	0.09	5.66	7.60	751	0.64	0.69	0.66
14	919	0.08	0.08	5.64	7.58	746	0.62	0.68	0.65
15	1220	0.08	0.08	5.60	7.58	745	0.61	0.68	0.64
16	1211	0.08	0.08	5.54	7.58	744	0.56	0.66	0.61
17	1087	0.08	0.08	5.55	7.58	741	0.57	0.63	0.60
18	996	0.08	0.08	5.48	7.59	738	0.53	0.62	0.56
19	1281	0.07	0.08	5.42	7.59	730	0.50	0.58	0.54
20	1228	0.07	0.07	5.43	7.58	728	0.54	0.60	0.56
21	925	0.07	0.08	5.42	7.57	728	0.56	0.80	0.68
22	1395	0.08	0.09	5.36	7.57	730	0.76	0.86	0.80
23	931	0.08	0.09	5.30	7.58	731	0.78	0.86	0.81
24	1271	0.08	0.09	5.19	7.57	729	0.76	0.82	0.78
25	1117	0.09	0.09	5.13	7.57	731	0.76	0.84	0.79
26	917	0.09	0.09	5.13	7.57	729	0.73	0.84	0.78
27	1178	0.09	0.10	5.07	7.56	726	0.76	0.84	0.79
28	1299	0.10	0.12	5.09	7.55	727	0.77	0.84	0.81
29	873	0.08	0.09	5.18	7.54	733	0.78	0.84	0.80
30	1232	0.08	0.08	5.19	7.54	736	0.80	0.86	0.84
31	1214	0.08	0.08	5.17	7.53	735	0.77	0.83	0.79
<b>Total</b>	33892								
<b>Average</b>	1131.80	0.08		5.48	7.59	739.5	0.62	0.70	0.66
<b>Min</b>	872.60	0.07		5.07	7.53	725.8	0.50	0.58	0.54
<b>Max</b>	1395.10	0.10	0.12	5.83	7.63	764.8	0.80	0.86	0.84

### Menu PS Online Data



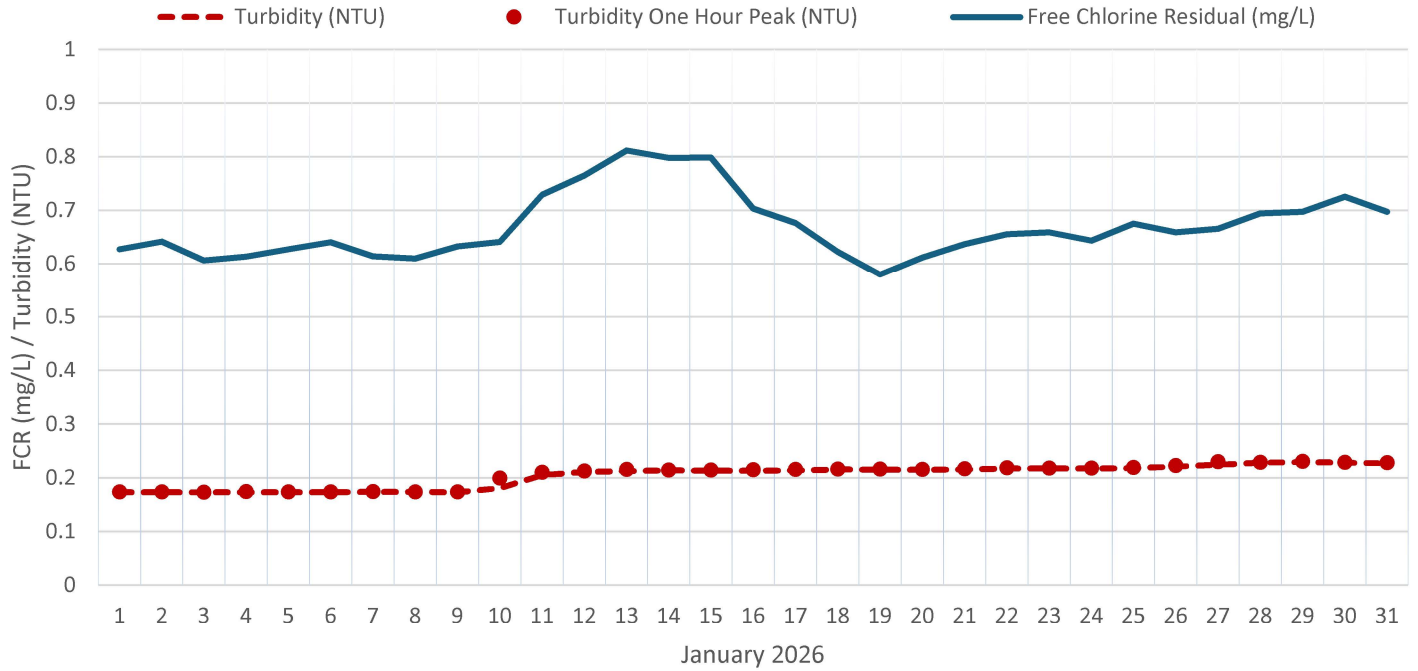
### Menu PS Water Quality

Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
06-Jan-26	0.14	0.07	6.0	0.68	0.58	7.73
13-Jan-26	0.09	0.09	5.8	0.89	0.66	7.60
20-Jan-26	0.15	0.07	5.9	0.68	0.56	7.83
27-Jan-26	0.07	0.08	5.0	0.68	0.78	8.02
# of Samples	4	4	4	4	4	4
Average	0.11	0.08	5.7	0.73	0.65	7.80
Range	0.07-0.15	0.07-0.09	5.0-6.0	0.68-0.89	0.56-0.78	7.60-8.02

# 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)
<b>Jan 2026</b>									
1	0.17	0.17	0.58	0.66	0.63	6.81	7.65	231.92	704.03
2	0.17	0.17	0.58	0.69	0.64	6.77	7.65	233.68	715.01
3	0.17	0.17	0.57	0.64	0.61	6.57	7.66	234.51	709.76
4	0.17	0.17	0.56	0.65	0.61	6.60	7.66	235.92	695.69
5	0.17	0.17	0.59	0.65	0.63	6.61	7.65	237.15	687.93
6	0.17	0.17	0.60	0.67	0.64	6.47	7.64	239.13	692.00
7	0.17	0.17	0.58	0.63	0.61	6.68	7.66	239.95	687.49
8	0.17	0.17	0.57	0.63	0.61	6.68	7.65	241.21	684.97
9	0.17	0.17	0.58	0.66	0.63	6.44	7.65	243.59	683.74
10	0.18	0.20	0.58	0.71	0.64	6.57	7.66	245.55	683.67
11	0.21	0.21	0.65	0.77	0.73	6.57	7.66	249.11	696.43
12	0.21	0.21	0.71	0.82	0.77	6.54	7.65	251.34	694.64
13	0.21	0.22	0.77	0.84	0.81	6.52	7.65	254.10	699.40
14	0.21	0.21	0.75	0.82	0.80	6.56	7.64	255.55	692.41
15	0.21	0.21	0.76	0.83	0.80	6.49	7.63	257.52	691.31
16	0.21	0.22	0.63	0.77	0.70	6.61	7.63	251.29	688.17
17	0.21	0.22	0.63	0.72	0.68	6.47	7.64	233.58	687.48
18	0.22	0.22	0.58	0.68	0.62	6.52	7.64	224.55	684.18
19	0.22	0.22	0.53	0.61	0.58	6.45	7.65	219.58	674.39
20	0.22	0.22	0.57	0.65	0.61	6.39	7.64	217.39	671.86
21	0.22	0.22	0.60	0.66	0.64	6.35	7.63	216.61	674.50
22	0.22	0.22	0.60	0.69	0.66	6.47	7.63	216.11	678.56
23	0.22	0.22	0.61	0.68	0.66	6.32	7.65	216.34	678.50
24	0.22	0.22	0.61	0.67	0.64	6.02	7.64	216.60	677.67
25	0.22	0.22	0.62	0.70	0.68	6.16	7.64	216.49	680.10
26	0.22	0.22	0.61	0.69	0.66	6.03	7.64	216.80	675.98
27	0.22	0.23	0.62	0.70	0.67	6.14	7.64	216.71	677.53
28	0.23	0.23	0.64	0.71	0.69	6.20	7.63	217.01	681.75
29	0.23	0.23	0.64	0.72	0.70	6.31	7.61	217.29	688.03
30	0.23	0.23	0.66	0.75	0.73	6.22	7.62	217.73	690.28
31	0.23	0.23	0.64	0.73	0.70	6.33	7.61	217.63	690.79
<b>Average</b>	0.20		0.62	0.70	0.67	6.45	7.64	231.67	687.69
<b>Min</b>	0.17		0.53	0.61	0.58	6.02	7.61	216.11	671.86
<b>Max</b>	0.23	0.23	0.77	0.84	0.81	6.81	7.66	257.52	715.01

## Blackwood Reservoir Inlet Online Data



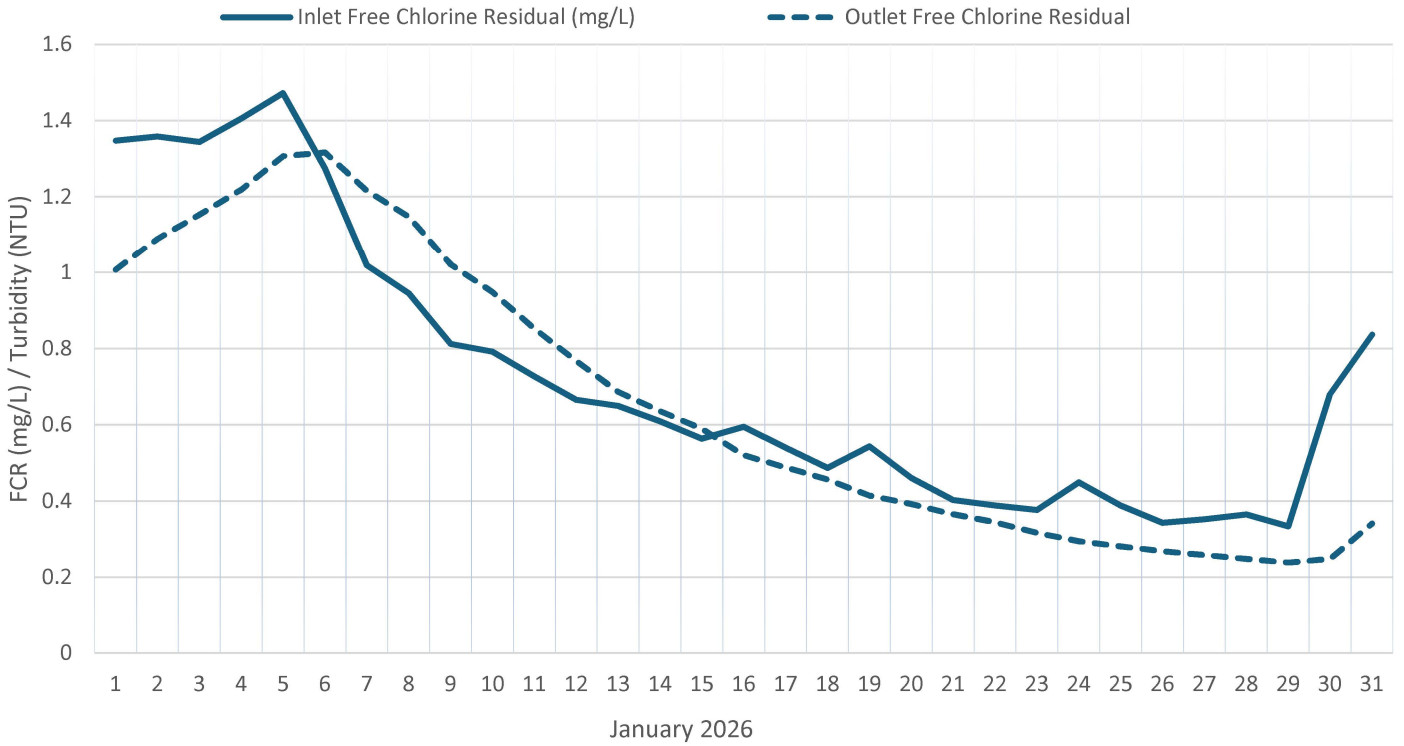
## Blackwood PS Outlet Water Quality

Date	Turbidity		Temp	FCR		pH
	Grab (NTU)	Online (NTU)	Grab (°C)	Grab (mg/L)	Online (mg/L)	
06-Jan-26	0.14	0.10	6.7	0.59	0.64	7.74
13-Jan-26	0.23	0.08	7.0	0.77	0.72	7.72
20-Jan-26	0.13	0.07	5.7	0.65	0.61	7.73
27-Jan-26	0.15	0.07	6.2	0.65	0.64	8.07
# of Samples	4	4	4	4	4	4
Average	0.16	0.08	6.4	0.67	0.65	7.82
Range	0.13-0.23	0.07-0.10	5.7-7.0	0.59-0.77	0.61-0.72	7.72-8.07

## Upper Boucherie Outlet

Upper Boucherie Reservoir Online Data								
Date	Temp	pH	Upper Boucherie Inlet FCR			Upper Boucherie Outlet FCR		
	Avg (°C)	Avg (pH)	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Min (mg/L)	Max (mg/L)	Avg (mg/L)
<b>Jan 2026</b>								
1	7.26	7.94	0.89	1.68	1.35	0.92	1.19	1.01
2	7.15	7.94	1.00	1.69	1.36	1.00	1.27	1.09
3	7.20	7.94	1.07	1.64	1.34	1.04	1.25	1.15
4	7.13	7.94	1.12	1.72	1.41	1.14	1.34	1.22
5	7.28	7.95	1.20	1.73	1.47	1.23	1.46	1.31
6	7.21	7.94	0.87	1.79	1.28	1.10	1.44	1.32
7	7.11	7.91	0.80	1.20	1.02	1.11	1.33	1.22
8	7.23	7.93	0.81	1.13	0.94	1.11	1.26	1.15
9	7.16	7.91	0.76	1.13	0.81	0.97	1.15	1.02
10	7.15	7.93	0.69	0.92	0.79	0.87	1.03	0.95
11	7.14	7.92	0.65	0.80	0.73	0.77	0.91	0.85
12	7.21	7.92	0.63	0.76	0.67	0.74	0.85	0.77
13	7.28	7.90	0.60	0.87	0.65	0.65	0.78	0.69
14	7.40	7.91	0.56	0.66	0.61	0.59	0.69	0.64
15	7.70	7.92	0.52	0.66	0.56	0.53	0.63	0.59
16	7.29	7.89	0.50	0.73	0.60	0.48	0.58	0.52
17	6.95	7.90	0.46	0.61	0.54	0.45	0.53	0.49
18	6.84	7.90	0.42	0.53	0.49	0.42	0.49	0.46
19	6.61	7.88	0.40	0.79	0.54	0.37	0.47	0.42
20	6.52	7.89	0.37	0.55	0.46	0.37	0.43	0.39
21	6.58	7.91	0.33	0.46	0.40	0.34	0.39	0.37
22	6.43	7.91	0.31	0.89	0.39	0.30	0.37	0.35
23	6.44	7.90	0.29	0.46	0.38	0.29	0.34	0.32
24	6.29	7.89	0.28	0.70	0.45	0.27	0.33	0.30
25	6.02	7.90	0.26	0.49	0.39	0.26	0.31	0.28
26	5.94	7.90	0.25	0.44	0.34	0.25	0.29	0.27
27	6.12	7.89	0.24	0.46	0.35	0.24	0.30	0.26
28	6.10	7.89	0.23	0.50	0.36	0.23	0.28	0.25
29	6.28	7.89	0.22	0.50	0.33	0.21	0.26	0.24
30	6.32	7.88	0.23	1.31	0.68	0.22	0.28	0.25
31	6.28	7.90	0.26	1.10	0.84	0.26	0.43	0.34
<b>Average</b>	6.83	7.91	0.55	0.93	0.73	0.60	0.73	0.66
<b>Min</b>	5.94	7.88	0.22	0.44	0.33	0.21	0.26	0.24
<b>Max</b>	7.70	7.95	1.20	1.79	1.47	1.23	1.46	1.32

## Upper Boucherie Inlet & Outlet Online Data

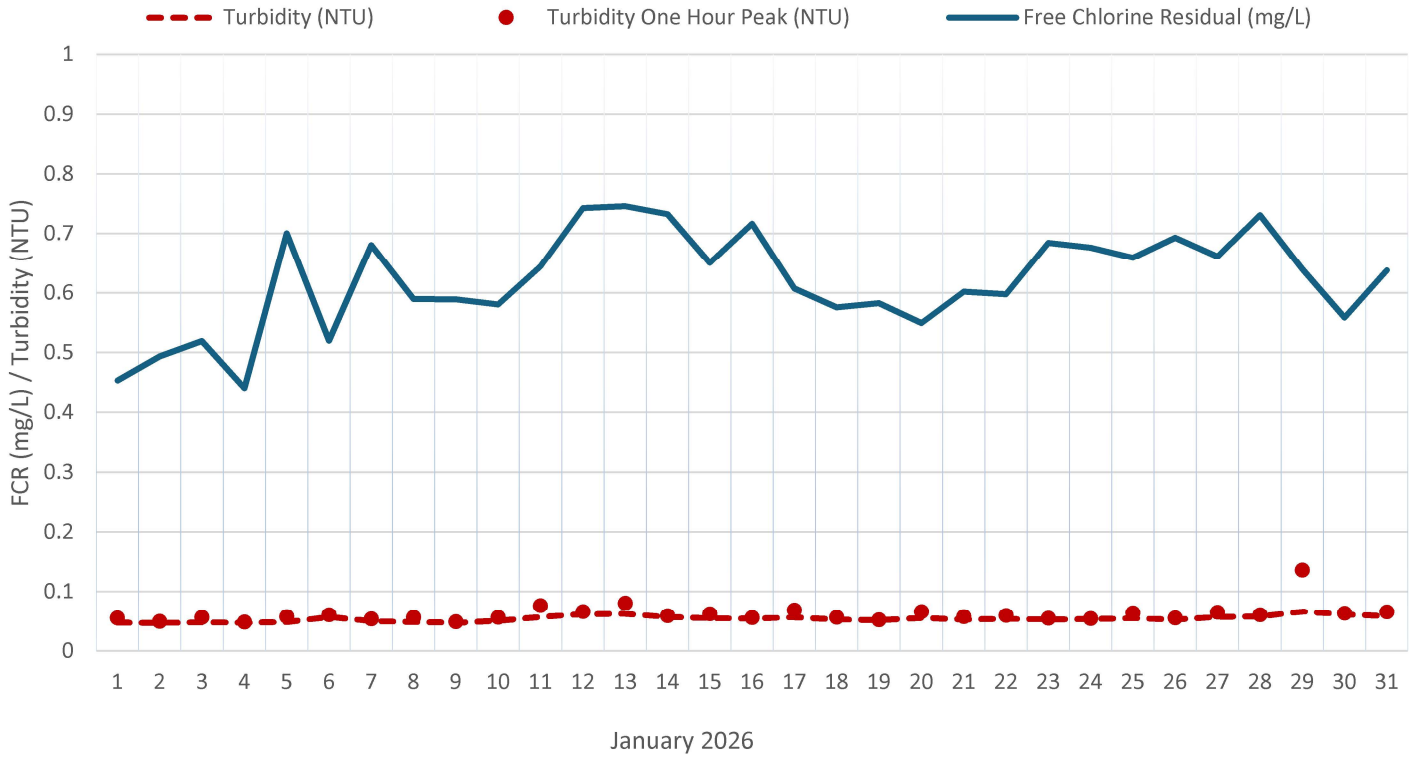


Complications with the Boucherie Pump Station Re-chlorination system during the month led to the decrease of the FCR concentrations and the system was restored January 30<sup>th</sup>. Minimum FCR values were maintained throughout the month.

# Lakeview Cove PS

Lakeview Cove PS Online Data						
Date	Turbidity	Turbidity (Peak 1 Hr)	FCR			Temp
	Avg (NTU)	Max Based On 1 Hr Avg	Min (mg/L)	Max (mg/L)	Avg (mg/L)	Avg (°C)
<b>Jan 2026</b>						
1	0.05	0.06	0.29	0.52	0.45	9.51
2	0.05	0.05	0.33	0.57	0.49	9.29
3	0.05	0.06	0.33	0.58	0.52	9.32
4	0.05	0.05	0.38	0.52	0.44	9.37
5	0.05	0.06	0.31	3.34	0.70	9.21
6	0.06	0.06	0.35	2.37	0.52	9.25
7	0.05	0.05	0.51	1.54	0.68	9.13
8	0.05	0.06	0.37	2.31	0.59	8.97
9	0.05	0.05	0.50	0.73	0.59	9.17
10	0.05	0.06	0.41	0.71	0.58	8.97
11	0.06	0.08	0.47	0.73	0.64	9.07
12	0.06	0.07	0.67	0.88	0.74	9.06
13	0.06	0.08	0.49	0.87	0.75	8.85
14	0.06	0.06	0.66	0.86	0.73	8.96
15	0.06	0.06	0.53	0.72	0.65	8.93
16	0.05	0.06	0.60	0.82	0.72	8.99
17	0.06	0.07	0.46	0.69	0.61	8.77
18	0.05	0.06	0.49	0.64	0.58	8.93
19	0.05	0.05	0.41	0.70	0.58	8.75
20	0.06	0.07	0.42	0.71	0.55	8.67
21	0.05	0.06	0.35	0.73	0.60	8.82
22	0.05	0.06	0.42	0.74	0.60	8.62
23	0.05	0.05	0.58	0.77	0.68	8.78
24	0.05	0.05	0.42	0.76	0.68	8.57
25	0.05	0.06	0.45	0.71	0.66	8.46
26	0.05	0.06	0.59	0.79	0.69	8.50
27	0.06	0.07	0.44	0.81	0.66	8.32
28	0.06	0.06	0.57	0.85	0.73	8.37
29	0.07	0.14	0.48	0.72	0.64	8.06
30	0.06	0.06	0.42	0.66	0.56	8.07
31	0.06	0.07	0.46	0.68	0.64	7.91
<b>Average</b>	0.05		0.46	0.94	0.62	8.83
<b>Min</b>	0.05		0.29	0.52	0.44	7.91
<b>Max</b>	0.07	0.14	0.67	3.34	0.75	9.51

# 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)	
06-Jan-26	0.05	7.9	0.53	7.73
13-Jan-26	0.09	7.6	0.69	7.55
20-Jan-26	0.11	7.5	0.52	7.67
27-Jan-26	0.15	6.4	0.57	8.03
# of Samples	4	4	4	4
Average	0.10	7.4	0.58	7.75
Range	0.05-0.15	6.4-7.9	0.52-0.69	7.55-8.03

## Shannon Way SS

Shannon Way SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
06-Jan-26	0.11	7.4	0.67	7.87
13-Jan-26	0.10	7.4	0.77	7.68
20-Jan-26	0.06	8.2	0.40	7.65
27-Jan-26	0.10	6.9	0.58	7.89
# of Samples	4	4	4	4
Average	0.09	7.5	0.61	7.77
Range	0.06-0.11	6.9-8.2	0.40-0.77	7.65-7.89

## Lower Horizon SS

Lower Horizon SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
06-Jan-26	0.05	7.9	0.51	7.71
13-Jan-26	0.10	7.0	0.72	7.49
20-Jan-26	0.10	7.0	0.55	7.63
27-Jan-26	0.18	6.4	0.60	8.21
# of Samples	4	4	4	4
Average	0.11	7.1	0.60	7.76
Range	0.05-0.18	6.4-7.9	0.51-0.72	7.49-8.21

## Pritchard SS

Pritchard SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
06-Jan-26	0.04	8.1	0.18	7.71
13-Jan-26	0.11	8.8	0.20	7.80
20-Jan-26	0.14	8.8	0.20	7.77
27-Jan-26	0.10	7.9	0.20	8.05
# of Samples	4	4	4	4
Average	0.10	8.4	0.20	7.83
Range	0.04-0.14	7.9-8.8	0.18-0.20	7.71-8.05

## Vineyard View SS

Vineyard View SS Water Quality				
Date	Turbidity	Temp	FCR	pH
	Grab (NTU)	Grab (°C)	Grab (mg/L)	
06-Jan-26	0.10	7.5	1.60	7.84
13-Jan-26	0.16	7.2	0.62	7.72
20-Jan-26	0.15	7.5	0.43	7.83
27-Jan-26	0.08	6.9	0.23	8.12
# of Samples	4	4	4	4
Average	0.12	7.3	0.72	7.88
Range	0.08-0.16	6.9-7.5	0.23-1.6	7.72-8.12