**CITY OF WEST KELOWNA**

# Monthly Water Quality Report

## Rose Valley Water Service Area

## June 2025

# WATER SUPPLY AND TREATMENT

CITY OF
WEST
KELOWNA

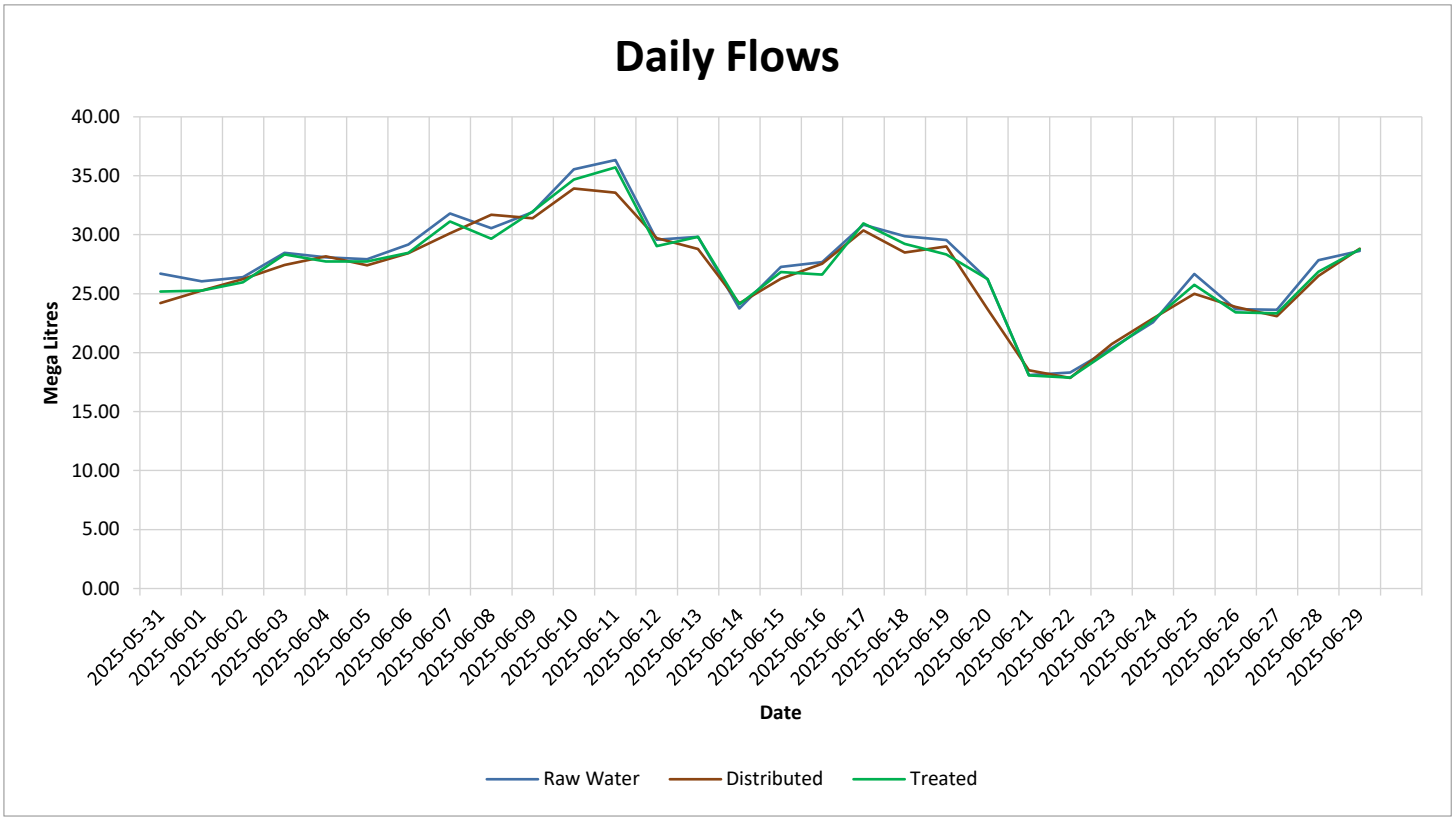
# Rose Valley
# Water Treatment Plant Monthly
# Water Quality Summary

2025-07-14

## June, 2025

## Flow Demand:

| | Total for Month | |
|---|---|---|
| Raw Processed Water: | 823.33 | ML |
| Treated Water : | 810.06 | ML |
| Distributed Water : | 803.19 | ML |
| Backwash Water : | 24.91202 | ML |




**Notes:**

## Raw Water Specifications:

| | Raw Turbidity (NTU) | | | Raw pH | | |
|---|---|---|---|---|---|---|
| Date | Min | Max | Average | Min | Max | Average |
| 2025-06-01 | 0.52 | 10.68 | 0.73 | 7.87 | 8.02 | 7.93 |
| 2025-06-02 | 0.66 | 13.91 | 0.88 | 7.84 | 8.14 | 7.96 |
| 2025-06-03 | 0.70 | 16.80 | 0.84 | 7.85 | 7.96 | 7.91 |
| 2025-06-04 | 0.68 | 30.04 | 0.93 | 7.89 | 7.98 | 7.93 |
| 2025-06-05 | 0.66 | 10.05 | 0.82 | 7.88 | 7.96 | 7.92 |
| 2025-06-06 | 0.74 | 8.44 | 1.12 | 7.83 | 8.00 | 7.91 |
| 2025-06-07 | 0.90 | 1.17 | 1.02 | 7.84 | 7.96 | 7.90 |
| 2025-06-08 | 1.10 | 1.55 | 1.23 | 7.83 | 7.97 | 7.90 |
| 2025-06-09 | 1.05 | 1.88 | 1.34 | 7.86 | 8.08 | 7.94 |
| 2025-06-10 | 1.03 | 1.89 | 1.27 | 7.91 | 8.02 | 7.96 |
| 2025-06-11 | 1.02 | 1.69 | 1.22 | 7.90 | 8.04 | 7.95 |
| 2025-06-12 | 0.81 | 1.65 | 1.25 | 7.89 | 8.04 | 7.96 |
| 2025-06-13 | 1.05 | 2.04 | 1.34 | 7.99 | 8.24 | 8.05 |
| 2025-06-14 | 1.07 | 1.53 | 1.23 | 8.00 | 8.23 | 8.09 |
| 2025-06-15 | 1.00 | 1.77 | 1.22 | 8.01 | 8.12 | 8.06 |
| 2025-06-16 | 0.79 | 80.50 | 1.15 | 7.99 | 8.38 | 8.07 |
| 2025-06-17 | 0.98 | 21.04 | 1.28 | 7.95 | 8.34 | 8.03 |
| 2025-06-18 | 0.87 | 168.21 | 1.65 | 8.01 | 8.50 | 8.11 |
| 2025-06-19 | 1.44 | 60.03 | 2.04 | 8.08 | 8.60 | 8.26 |
| 2025-06-20 | 0.97 | 1.87 | 1.37 | 8.04 | 8.22 | 8.14 |
| 2025-06-21 | 0.78 | 13.04 | 1.46 | 8.02 | 8.36 | 8.22 |
| 2025-06-22 | 1.09 | 136.47 | 2.48 | 7.95 | 8.41 | 8.24 |
| 2025-06-23 | 1.04 | 83.31 | 1.93 | 8.07 | 8.40 | 8.26 |
| 2025-06-24 | 1.04 | 245.52 | 1.49 | 7.99 | 8.31 | 8.18 |
| 2025-06-25 | 0.72 | 6665.83 | 5.01 | 7.99 | 8.31 | 8.10 |
| 2025-06-26 | 0.54 | 16.31 | 1.12 | 7.93 | 8.33 | 8.08 |
| 2025-06-27 | 0.48 | 43.89 | 1.33 | 7.89 | 8.46 | 8.08 |
| 2025-06-28 | 0.55 | 16.78 | 1.49 | 7.90 | 8.50 | 8.17 |
| 2025-06-29 | 0.00 | 26.64 | 1.00 | 7.95 | 8.16 | 8.08 |
| 2025-06-30 | 0.00 | 39.85 | 0.91 | 7.97 | 8.19 | 8.07 |

**Notes:**

## Raw Water Specifications (Continued):

| | Raw Temp (˚C) | | | Raw DOC (mg/L) | | |
|---|---|---|---|---|---|---|
| Date | Min | Max | Average | Min | Max | Average |
| 2025-06-01 | 14.24 | 14.91 | 14.46 | 0.00 | 120.44 | 22.69 |
| 2025-06-02 | 14.45 | 15.83 | 14.84 | 5.62 | 120.44 | 36.47 |
| 2025-06-03 | 14.53 | 14.99 | 14.77 | 0.15 | 120.34 | 10.84 |
| 2025-06-04 | 14.73 | 15.07 | 14.92 | 9.18 | 13.77 | 10.82 |
| 2025-06-05 | 14.87 | 16.67 | 15.44 | 9.96 | 11.87 | 10.81 |
| 2025-06-06 | 15.25 | 16.05 | 15.70 | 10.21 | 12.36 | 10.87 |
| 2025-06-07 | 15.21 | 16.54 | 15.90 | 10.06 | 120.34 | 10.91 |
| 2025-06-08 | 15.55 | 16.49 | 16.04 | 0.00 | 19.83 | 10.97 |
| 2025-06-09 | 15.30 | 19.65 | 16.10 | 9.82 | 47.33 | 11.03 |
| 2025-06-10 | 15.71 | 16.78 | 16.16 | 10.31 | 13.09 | 11.09 |
| 2025-06-11 | 15.87 | 17.20 | 16.18 | 10.40 | 13.43 | 11.08 |
| 2025-06-12 | 15.99 | 16.56 | 16.20 | 10.31 | 12.11 | 11.04 |
| 2025-06-13 | 16.14 | 16.91 | 16.40 | 9.08 | 16.70 | 11.18 |
| 2025-06-14 | 16.33 | 16.81 | 16.65 | 7.52 | 120.34 | 11.13 |
| 2025-06-15 | 16.55 | 17.80 | 17.02 | 8.94 | 120.34 | 10.97 |
| 2025-06-16 | 16.68 | 17.71 | 17.03 | 7.03 | 20.07 | 10.91 |
| 2025-06-17 | 16.86 | 18.41 | 17.29 | 0.29 | 120.34 | 10.45 |
| 2025-06-18 | 16.82 | 17.51 | 17.01 | 3.91 | 42.25 | 11.10 |
| 2025-06-19 | 16.88 | 17.46 | 17.09 | 3.08 | 28.52 | 11.19 |
| 2025-06-20 | 17.01 | 17.26 | 17.12 | 10.16 | 11.97 | 10.92 |
| 2025-06-21 | 16.98 | 17.35 | 17.16 | 10.40 | 11.87 | 11.00 |
| 2025-06-22 | 17.00 | 17.34 | 17.11 | 9.82 | 12.26 | 11.07 |
| 2025-06-23 | 17.05 | 17.96 | 17.18 | 3.57 | 22.03 | 10.86 |
| 2025-06-24 | 17.09 | 17.46 | 17.22 | 9.96 | 12.36 | 10.70 |
| 2025-06-25 | 17.19 | 18.02 | 17.41 | 9.18 | 13.68 | 10.63 |
| 2025-06-26 | 17.22 | 19.65 | 17.50 | 9.57 | 11.48 | 10.58 |
| 2025-06-27 | 17.17 | 17.63 | 17.34 | 9.47 | 12.80 | 10.67 |
| 2025-06-28 | 17.16 | 18.04 | 17.57 | 9.72 | 12.70 | 10.74 |
| 2025-06-29 | 17.35 | 19.78 | 17.98 | 9.18 | 11.53 | 10.49 |
| 2025-06-30 | 17.59 | 18.54 | 17.89 | 9.96 | 11.53 | 10.46 |

**Notes:**

## Raw Water Specifications (Continued):

| | Raw Cond R (µS/cm) | | | Streaming Current | | |
|---|---|---|---|---|---|---|
| Date | Min | Max | Average | Min | Max | Average |
| 2025-06-01 | 100.90 | 103.11 | 101.84 | -48.23 | -9.89 | -26.59 |
| 2025-06-02 | 97.04 | 107.87 | 101.25 | -97.07 | -11.11 | -36.15 |
| 2025-06-03 | 99.90 | 102.55 | 100.96 | -181.56 | -6.96 | -30.55 |
| 2025-06-04 | 99.92 | 101.79 | 100.84 | -57.51 | 3.54 | -27.25 |
| 2025-06-05 | 99.37 | 102.03 | 100.72 | -174.24 | 92.92 | -17.35 |
| 2025-06-06 | 99.32 | 101.22 | 100.33 | -193.53 | 131.75 | -7.54 |
| 2025-06-07 | 98.86 | 101.32 | 100.06 | -22.59 | 20.39 | -2.96 |
| 2025-06-08 | 98.47 | 101.45 | 99.84 | -32.84 | 13.80 | -6.18 |
| 2025-06-09 | 62.97 | 106.97 | 98.96 | -182.54 | 4.03 | -16.02 |
| 2025-06-10 | 97.76 | 99.93 | 98.75 | -41.88 | 9.89 | -13.13 |
| 2025-06-11 | 97.84 | 99.90 | 98.79 | -61.66 | 5.98 | -20.75 |
| 2025-06-12 | 98.11 | 211.42 | 144.01 | -61.17 | 7.45 | -20.13 |
| 2025-06-13 | 207.93 | 212.07 | 209.85 | -194.75 | -0.12 | -31.05 |
| 2025-06-14 | 207.10 | 211.28 | 209.07 | -58.00 | -3.79 | -38.15 |
| 2025-06-15 | 206.20 | 210.61 | 208.50 | -144.69 | 50.92 | -30.82 |
| 2025-06-16 | 205.51 | 210.45 | 207.99 | -145.18 | -9.89 | -31.51 |
| 2025-06-17 | 204.44 | 209.97 | 207.71 | -70.21 | -15.75 | -35.15 |
| 2025-06-18 | 205.43 | 209.82 | 207.97 | -180.10 | 180.83 | -33.99 |
| 2025-06-19 | 206.36 | 210.10 | 208.40 | -112.70 | -3.79 | -38.60 |
| 2025-06-20 | 206.71 | 210.12 | 208.37 | -142.98 | -6.72 | -31.07 |
| 2025-06-21 | 206.90 | 210.53 | 208.76 | -242.12 | 42.37 | -38.88 |
| 2025-06-22 | 205.97 | 210.03 | 208.20 | -89.26 | -5.01 | -42.65 |
| 2025-06-23 | 203.60 | 209.61 | 207.45 | -189.38 | -18.93 | -54.36 |
| 2025-06-24 | 204.94 | 208.98 | 207.26 | -70.70 | -17.70 | -36.93 |
| 2025-06-25 | 203.70 | 208.67 | 206.58 | -97.80 | 7.45 | -25.67 |
| 2025-06-26 | 203.65 | 208.35 | 206.61 | -59.95 | 11.11 | -27.63 |
| 2025-06-27 | 205.21 | 208.98 | 207.12 | -174.73 | 7.69 | -25.43 |
| 2025-06-28 | 205.13 | 208.78 | 206.74 | -82.66 | 11.84 | -26.01 |
| 2025-06-29 | 203.97 | 208.55 | 206.25 | -53.36 | 0.37 | -27.66 |
| 2025-06-30 | 203.53 | 208.60 | 205.98 | -131.26 | 2.81 | -23.37 |

**Notes:**

## Raw Water Specifications (Continued):

| | Coagulated pH | | | Coagulated Temp (˚C) | | |
|---|---|---|---|---|---|---|
| Date | Min | Max | Average | Min | Max | Average |
| 2025-06-01 | 7.11 | 7.17 | 7.14 | 14.27 | 14.97 | 14.53 |
| 2025-06-02 | 7.12 | 7.24 | 7.16 | 14.56 | 15.52 | 14.80 |
| 2025-06-03 | 7.16 | 7.20 | 7.18 | 14.65 | 15.05 | 14.86 |
| 2025-06-04 | 7.15 | 7.21 | 7.19 | 14.79 | 15.09 | 14.93 |
| 2025-06-05 | 6.92 | 7.20 | 7.17 | 14.61 | 15.26 | 15.04 |
| 2025-06-06 | 6.86 | 7.25 | 7.15 | 15.05 | 15.49 | 15.20 |
| 2025-06-07 | 7.12 | 7.18 | 7.16 | 15.18 | 15.44 | 15.31 |
| 2025-06-08 | 7.13 | 7.17 | 7.15 | 15.30 | 15.61 | 15.46 |
| 2025-06-09 | 7.11 | 7.20 | 7.16 | 15.44 | 16.45 | 15.65 |
| 2025-06-10 | 7.09 | 7.18 | 7.14 | 15.67 | 15.93 | 15.82 |
| 2025-06-11 | 7.11 | 7.21 | 7.16 | 15.88 | 16.37 | 16.02 |
| 2025-06-12 | 7.11 | 7.23 | 7.16 | 16.07 | 16.67 | 16.25 |
| 2025-06-13 | 7.13 | 7.28 | 7.18 | 16.23 | 16.99 | 16.46 |
| 2025-06-14 | 7.14 | 7.27 | 7.20 | 16.38 | 16.83 | 16.57 |
| 2025-06-15 | 7.13 | 7.65 | 7.21 | 16.55 | 16.98 | 16.69 |
| 2025-06-16 | 7.17 | 7.31 | 7.20 | 16.67 | 17.56 | 16.86 |
| 2025-06-17 | 7.15 | 7.28 | 7.19 | 16.74 | 17.52 | 16.98 |
| 2025-06-18 | 6.77 | 7.44 | 7.20 | 16.90 | 17.57 | 17.09 |
| 2025-06-19 | 7.14 | 7.49 | 7.24 | 17.00 | 17.51 | 17.19 |
| 2025-06-20 | 7.16 | 7.23 | 7.19 | 17.13 | 17.39 | 17.23 |
| 2025-06-21 | 7.15 | 7.83 | 7.27 | 17.06 | 17.54 | 17.30 |
| 2025-06-22 | 7.13 | 7.37 | 7.25 | 16.92 | 17.45 | 17.22 |
| 2025-06-23 | 7.15 | 7.32 | 7.25 | 16.11 | 18.50 | 17.27 |
| 2025-06-24 | 7.15 | 7.33 | 7.24 | 17.00 | 19.50 | 17.20 |
| 2025-06-25 | 7.14 | 7.28 | 7.19 | 16.48 | 17.24 | 16.83 |
| 2025-06-26 | 7.12 | 7.31 | 7.21 | 17.12 | 17.45 | 17.24 |
| 2025-06-27 | 7.13 | 7.39 | 7.21 | 17.05 | 17.55 | 17.24 |
| 2025-06-28 | 7.12 | 7.43 | 7.25 | 17.06 | 17.56 | 17.30 |
| 2025-06-29 | 7.16 | 7.26 | 7.23 | 17.27 | 17.53 | 17.34 |
| 2025-06-30 | 7.13 | 7.27 | 7.20 | 17.34 | 17.67 | 17.43 |

**Notes:**

## Raw Water Specifications (Continued):

| | Raw Cond Y (µS/cm) | | | Raw Water DO (mg/L) | | |
|---|---|---|---|---|---|---|
| Date | Min | Max | Average | Min | Max | Average |
| 2025-06-01 | 182.29 | 184.45 | 183.19 | 8.21 | 8.69 | 8.44 |
| 2025-06-02 | 182.35 | 185.15 | 183.59 | 8.20 | 9.12 | 8.52 |
| 2025-06-03 | 46.87 | 185.75 | 184.14 | 8.18 | 8.63 | 8.41 |
| 2025-06-04 | 184.53 | 189.90 | 186.39 | 8.16 | 8.57 | 8.41 |
| 2025-06-05 | 184.46 | 187.45 | 185.30 | 8.07 | 8.52 | 8.37 |
| 2025-06-06 | 51.60 | 187.06 | 184.86 | 8.24 | 8.68 | 8.42 |
| 2025-06-07 | 184.32 | 185.83 | 185.13 | 8.16 | 8.55 | 8.40 |
| 2025-06-08 | 184.18 | 186.74 | 185.17 | 8.20 | 8.57 | 8.41 |
| 2025-06-09 | 55.49 | 187.61 | 184.35 | 8.24 | 9.05 | 8.53 |
| 2025-06-10 | 88.96 | 185.21 | 184.18 | 8.35 | 8.73 | 8.55 |
| 2025-06-11 | 183.16 | 185.61 | 184.31 | 8.43 | 8.76 | 8.62 |
| 2025-06-12 | 184.22 | 186.92 | 185.19 | 8.30 | 8.76 | 8.51 |
| 2025-06-13 | 184.05 | 186.91 | 185.14 | 8.52 | 9.43 | 8.76 |
| 2025-06-14 | 184.92 | 186.92 | 185.68 | 8.51 | 9.23 | 8.73 |
| 2025-06-15 | 185.04 | 189.99 | 187.38 | 8.22 | 8.75 | 8.53 |
| 2025-06-16 | 28.74 | 188.52 | 185.78 | 8.44 | 9.71 | 8.66 |
| 2025-06-17 | 185.30 | 187.54 | 186.32 | 8.38 | 9.60 | 8.63 |
| 2025-06-18 | 185.50 | 187.28 | 186.33 | 8.29 | 10.20 | 8.72 |
| 2025-06-19 | 15.01 | 187.19 | 185.72 | 8.33 | 9.97 | 8.95 |
| 2025-06-20 | 13.07 | 187.01 | 186.05 | 8.01 | 8.75 | 8.47 |
| 2025-06-21 | 185.69 | 187.12 | 186.47 | 8.04 | 8.93 | 8.54 |
| 2025-06-22 | 185.38 | 186.97 | 185.97 | 7.78 | 9.14 | 8.61 |
| 2025-06-23 | 20.22 | 186.85 | 185.86 | 7.90 | 9.08 | 8.51 |
| 2025-06-24 | 186.05 | 187.24 | 186.73 | 7.47 | 8.56 | 8.12 |
| 2025-06-25 | 186.57 | 187.39 | 186.99 | 7.37 | 8.60 | 7.84 |
| 2025-06-26 | 186.15 | 187.74 | 187.27 | 7.08 | 8.57 | 7.60 |
| 2025-06-27 | 120.65 | 188.10 | 187.34 | 6.61 | 9.13 | 7.47 |
| 2025-06-28 | 186.91 | 187.94 | 187.51 | 6.78 | 8.98 | 7.70 |

**Notes:**

## Raw Water Specifications (Continued):

| | Raw Manganese (ppm) | | |
|---|---|---|---|
| Date | Min | Max | Average |
| 2025-06-01 | 0.00 | 0.00 | 0.00 |
| 2025-06-02 | 0.00 | 0.00 | 0.00 |
| 2025-06-03 | 0.00 | 0.00 | 0.00 |
| 2025-06-04 | 0.00 | 0.00 | 0.00 |
| 2025-06-05 | 0.00 | 0.00 | 0.00 |
| 2025-06-06 | 0.00 | 0.00 | 0.00 |
| 2025-06-07 | 0.00 | 0.00 | 0.00 |
| 2025-06-08 | 0.00 | 0.02 | 0.00 |
| 2025-06-09 | 0.00 | 0.00 | 0.00 |
| 2025-06-10 | 0.00 | 0.00 | 0.00 |
| 2025-06-11 | 0.00 | 0.00 | 0.00 |
| 2025-06-12 | 0.00 | 0.00 | 0.00 |
| 2025-06-13 | 0.00 | 0.00 | 0.00 |
| 2025-06-14 | 0.00 | 0.00 | 0.00 |
| 2025-06-15 | 0.00 | 0.00 | 0.00 |
| 2025-06-16 | 0.00 | 0.00 | 0.00 |
| 2025-06-17 | 0.00 | 0.00 | 0.00 |
| 2025-06-18 | 0.00 | 0.00 | 0.00 |
| 2025-06-19 | 0.00 | 0.00 | 0.00 |
| 2025-06-20 | 0.00 | 0.00 | 0.00 |
| 2025-06-21 | 0.00 | 0.00 | 0.00 |
| 2025-06-22 | 0.00 | 0.00 | 0.00 |
| 2025-06-23 | 0.00 | 0.00 | 0.00 |
| 2025-06-24 | 0.00 | 0.00 | 0.00 |
| 2025-06-25 | 0.00 | 0.00 | 0.00 |
| 2025-06-26 | 0.00 | 0.00 | 0.00 |
| 2025-06-27 | 0.00 | 0.14 | 0.00 |
| 2025-06-28 | 0.00 | 0.01 | 0.00 |
| 2025-06-29 | 0.00 | 0.00 | 0.00 |
| 2025-06-30 | 0.00 | 0.00 | 0.00 |

**Notes:**

## Train 1 Filter Turbidity (NTU):

| | Filter 1 | | | Filter 2 | | | Filter 3 | | |
|---|---|---|---|---|---|---|---|---|---|
| Date | Min | Max | Average | Min | Max | Average | Min | Max | Average |
| 2025-06-01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-02 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-03 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-04 | 0.01 | 0.02 | 0.01 | 0.01 | 0.03 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-05 | 0.01 | 0.04 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-06 | 0.01 | 0.02 | 0.01 | 0.01 | 0.04 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-07 | 0.01 | 0.04 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-08 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-09 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-10 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-11 | 0.01 | 0.03 | 0.01 | 0.00 | 0.03 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-12 | 0.01 | 0.03 | 0.01 | 0.01 | 0.03 | 0.01 | 0.00 | 0.06 | 0.01 |
| 2025-06-13 | 0.01 | 0.03 | 0.01 | 0.01 | 0.05 | 0.01 | 0.01 | 0.01 | 0.01 |
| 2025-06-14 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-15 | 0.01 | 0.03 | 0.01 | 0.01 | 0.05 | 0.01 | 0.01 | 0.04 | 0.01 |
| 2025-06-16 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.04 | 0.01 |
| 2025-06-17 | 0.01 | 0.04 | 0.01 | 0.01 | 0.05 | 0.01 | 0.01 | 0.01 | 0.01 |
| 2025-06-18 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.04 | 0.01 |
| 2025-06-19 | 0.01 | 0.04 | 0.01 | 0.01 | 0.05 | 0.02 | 0.01 | 0.04 | 0.01 |
| 2025-06-20 | 0.01 | 0.02 | 0.01 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-21 | 0.01 | 0.03 | 0.02 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-22 | 0.01 | 0.03 | 0.02 | 0.01 | 0.03 | 0.01 | 0.01 | 0.03 | 0.01 |
| 2025-06-23 | 0.01 | 0.06 | 0.02 | 0.01 | 0.06 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-24 | 0.02 | 0.03 | 0.03 | 0.01 | 0.02 | 0.01 | 0.01 | 0.06 | 0.01 |
| 2025-06-25 | 0.01 | 0.05 | 0.02 | 0.01 | 0.06 | 0.02 | 0.01 | 0.02 | 0.01 |
| 2025-06-26 | 0.01 | 0.03 | 0.02 | 0.01 | 0.03 | 0.02 | 0.01 | 0.06 | 0.01 |
| 2025-06-27 | 0.01 | 0.05 | 0.02 | 0.01 | 0.03 | 0.02 | 0.01 | 0.02 | 0.01 |
| 2025-06-28 | 0.01 | 0.09 | 0.02 | 0.01 | 0.03 | 0.02 | 0.01 | 0.09 | 0.01 |
| 2025-06-29 | 0.01 | 0.03 | 0.01 | 0.01 | 0.04 | 0.02 | 0.01 | 0.02 | 0.01 |
| 2025-06-30 | 0.01 | 0.17 | 0.02 | 0.01 | 0.20 | 0.02 | 0.01 | 0.15 | 0.01 |

**Notes:**

## Train 2 Filter Turbidity (NTU)

| | Filter 4 | | | Filter 5 | | | Filter 6 | | |
|---|---|---|---|---|---|---|---|---|---|
| Date | Min | Max | Average | Min | Max | Average | Min | Max | Average |
| 2025-06-01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.04 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-04 | 0.01 | 0.04 | 0.01 | 0.01 | 0.05 | 0.01 | 0.01 | 0.04 | 0.01 |
| 2025-06-05 | 0.01 | 0.02 | 0.01 | 0.01 | 0.06 | 0.01 | 0.01 | 0.01 | 0.01 |
| 2025-06-06 | 0.01 | 0.06 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.04 | 0.01 |
| 2025-06-07 | 0.01 | 0.03 | 0.01 | 0.01 | 0.05 | 0.01 | 0.00 | 0.01 | 0.01 |
| 2025-06-08 | 0.01 | 0.03 | 0.01 | 0.00 | 0.04 | 0.01 | 0.01 | 0.03 | 0.01 |
| 2025-06-09 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.03 | 0.01 |
| 2025-06-10 | 0.01 | 0.03 | 0.01 | 0.01 | 0.03 | 0.01 | 0.01 | 0.03 | 0.01 |
| 2025-06-11 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | 0.01 |
| 2025-06-12 | 0.01 | 0.05 | 0.01 | 0.01 | 0.04 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-13 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-14 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-15 | 0.01 | 0.05 | 0.01 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-16 | 0.01 | 0.05 | 0.01 | 0.01 | 0.06 | 0.01 | 0.01 | 0.07 | 0.01 |
| 2025-06-17 | 0.01 | 0.01 | 0.01 | 0.01 | 0.07 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-18 | 0.01 | 0.04 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.06 | 0.01 |
| 2025-06-19 | 0.01 | 0.04 | 0.01 | 0.01 | 0.06 | 0.01 | 0.01 | 0.05 | 0.01 |
| 2025-06-20 | 0.01 | 0.01 | 0.01 | 0.01 | 0.05 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-21 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.06 | 0.01 |
| 2025-06-22 | 0.01 | 0.05 | 0.02 | 0.00 | 0.07 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2025-06-23 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.04 | 0.01 |
| 2025-06-24 | 0.01 | 0.05 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.04 | 0.01 |
| 2025-06-25 | 0.01 | 0.06 | 0.01 | 0.01 | 0.08 | 0.01 | 0.01 | 0.08 | 0.01 |
| 2025-06-26 | 0.01 | 0.01 | 0.01 | 0.01 | 0.08 | 0.01 | 0.01 | 0.03 | 0.01 |
| 2025-06-27 | 0.01 | 0.07 | 0.01 | 0.00 | 0.02 | 0.01 | 0.01 | 0.09 | 0.02 |
| 2025-06-28 | 0.01 | 0.14 | 0.01 | 0.01 | 0.13 | 0.01 | 0.01 | 0.03 | 0.01 |
| 2025-06-29 | 0.01 | 0.02 | 0.01 | 0.01 | 0.04 | 0.01 | 0.01 | 0.14 | 0.02 |
| 2025-06-30 | 0.01 | 0.05 | 0.01 | 0.01 | 0.17 | 0.01 | 0.01 | 0.02 | 0.01 |

**Notes:**

## UV Treatment:

| Date | Average Flow (L/s) | Avg Validated Dose (mj/cm2) | Undosed Flow (ML) |
|---|---|---|---|
| 2025-06-01 | 322.68 | 21.16 | 0.0000 |
| 2025-06-02 | 319.15 | 21.80 | 0.0000 |
| 2025-06-03 | 337.02 | 21.02 | 0.0000 |
| 2025-06-04 | 323.25 | 21.16 | 0.0000 |
| 2025-06-05 | 336.03 | 20.23 | 0.0002 |
| 2025-06-06 | 365.88 | 21.80 | 0.0000 |
| 2025-06-07 | 355.76 | 21.40 | 0.0000 |
| 2025-06-08 | 383.82 | 19.95 | 0.0000 |
| 2025-06-09 | 406.25 | 19.02 | 0.0000 |
| 2025-06-10 | 432.78 | 17.91 | 0.0000 |
| 2025-06-11 | 358.96 | 19.45 | 0.0000 |
| 2025-06-12 | 344.15 | 19.05 | 0.0000 |
| 2025-06-13 | 300.58 | 19.97 | 0.0000 |
| 2025-06-14 | 302.85 | 18.73 | 0.0000 |
| 2025-06-15 | 323.92 | 19.91 | 0.0000 |
| 2025-06-16 | 359.71 | 18.98 | 0.0000 |
| 2025-06-17 | 363.85 | 18.06 | 0.0000 |
| 2025-06-18 | 328.36 | 19.19 | 0.0000 |
| 2025-06-19 | 330.31 | 20.33 | 0.0000 |
| 2025-06-20 | 216.89 | 20.23 | 0.0000 |
| 2025-06-21 | 211.07 | 22.00 | 0.0000 |
| 2025-06-22 | 222.39 | 21.53 | 0.0000 |
| 2025-06-23 | 276.40 | 21.30 | 0.0000 |
| 2025-06-24 | 302.75 | 21.25 | 0.0000 |
| 2025-06-25 | 270.26 | 21.10 | 0.0000 |
| 2025-06-26 | 287.51 | 21.31 | 0.0000 |
| 2025-06-27 | 297.82 | 19.86 | 0.0000 |
| 2025-06-28 | 335.26 | 20.12 | 0.0000 |
| 2025-06-29 | 365.50 | 20.02 | 0.0000 |
| 2025-06-30 | 380.18 | 19.56 | 0.0000 |

Monthly Total (ML): 0.0002

% of monthly water that was not UV treated: 0.000%

Notes:

## UV Transmittance %:

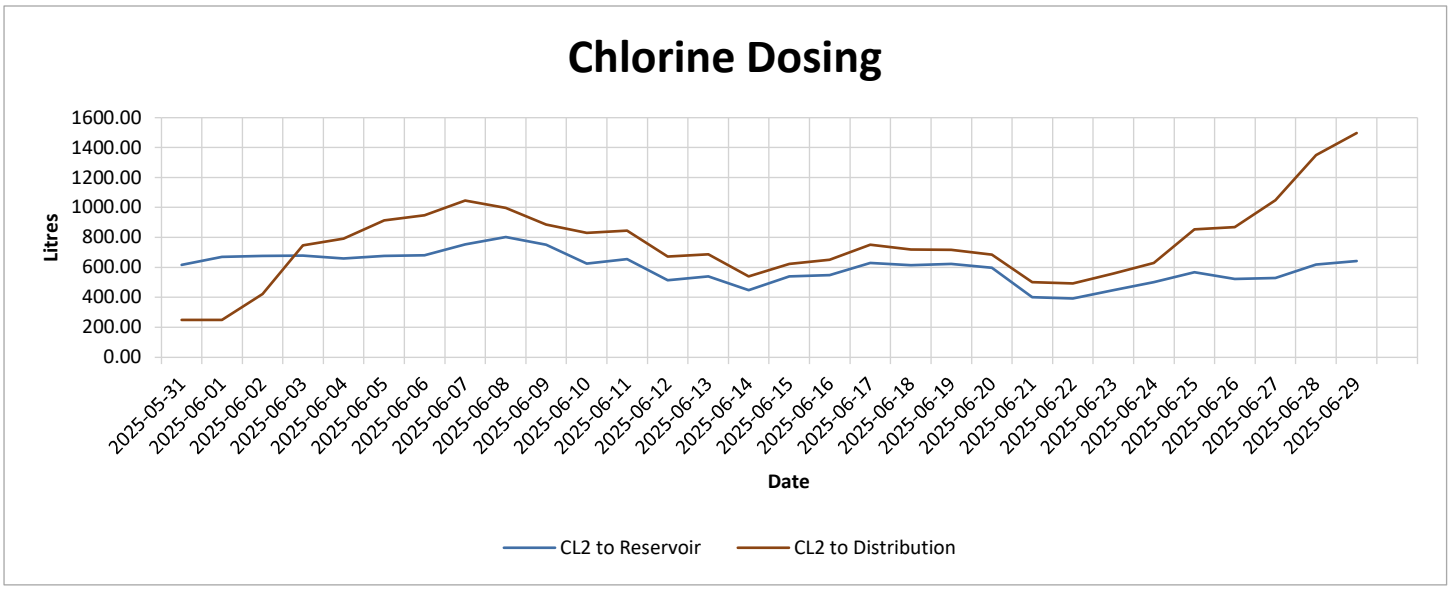
| Date | Min | Max | Average |
|---|---|---|---|
| 2025-06-01 | 87.84 | 89.72 | 88.76 |
| 2025-06-02 | 86.57 | 89.47 | 88.66 |
| 2025-06-03 | 87.91 | 89.94 | 89.04 |
| 2025-06-04 | 87.96 | 89.89 | 88.99 |
| 2025-06-05 | 88.38 | 89.89 | 89.31 |
| 2025-06-06 | 88.67 | 90.06 | 89.45 |
| 2025-06-07 | 88.91 | 90.33 | 89.68 |
| 2025-06-08 | 88.57 | 91.16 | 89.63 |
| 2025-06-09 | 88.62 | 90.21 | 89.52 |
| 2025-06-10 | 88.50 | 90.43 | 89.60 |
| 2025-06-11 | 88.57 | 90.38 | 89.38 |
| 2025-06-12 | 88.38 | 90.45 | 89.24 |
| 2025-06-13 | 88.21 | 89.84 | 88.98 |
| 2025-06-14 | 87.96 | 89.72 | 88.92 |
| 2025-06-15 | 87.72 | 89.72 | 89.10 |
| 2025-06-16 | 88.03 | 90.06 | 89.18 |
| 2025-06-17 | 88.08 | 89.84 | 89.09 |
| 2025-06-18 | 87.59 | 90.06 | 89.04 |
| 2025-06-19 | 86.37 | 90.09 | 88.83 |
| 2025-06-20 | 88.13 | 90.01 | 89.26 |
| 2025-06-21 | 85.96 | 89.69 | 88.69 |
| 2025-06-22 | 87.30 | 90.31 | 88.81 |
| 2025-06-23 | 87.89 | 89.28 | 88.56 |
| 2025-06-24 | 87.96 | 89.84 | 89.18 |
| 2025-06-25 | 86.86 | 89.89 | 89.43 |
| 2025-06-26 | 88.25 | 90.09 | 89.18 |
| 2025-06-27 | 88.21 | 90.06 | 89.32 |
| 2025-06-28 | 87.89 | 90.01 | 89.18 |
| 2025-06-29 | 88.67 | 90.06 | 89.31 |
| 2025-06-30 | 88.74 | 90.26 | 89.44 |

**Notes:**

## Chemical Demand:

**Chlorine Used:**

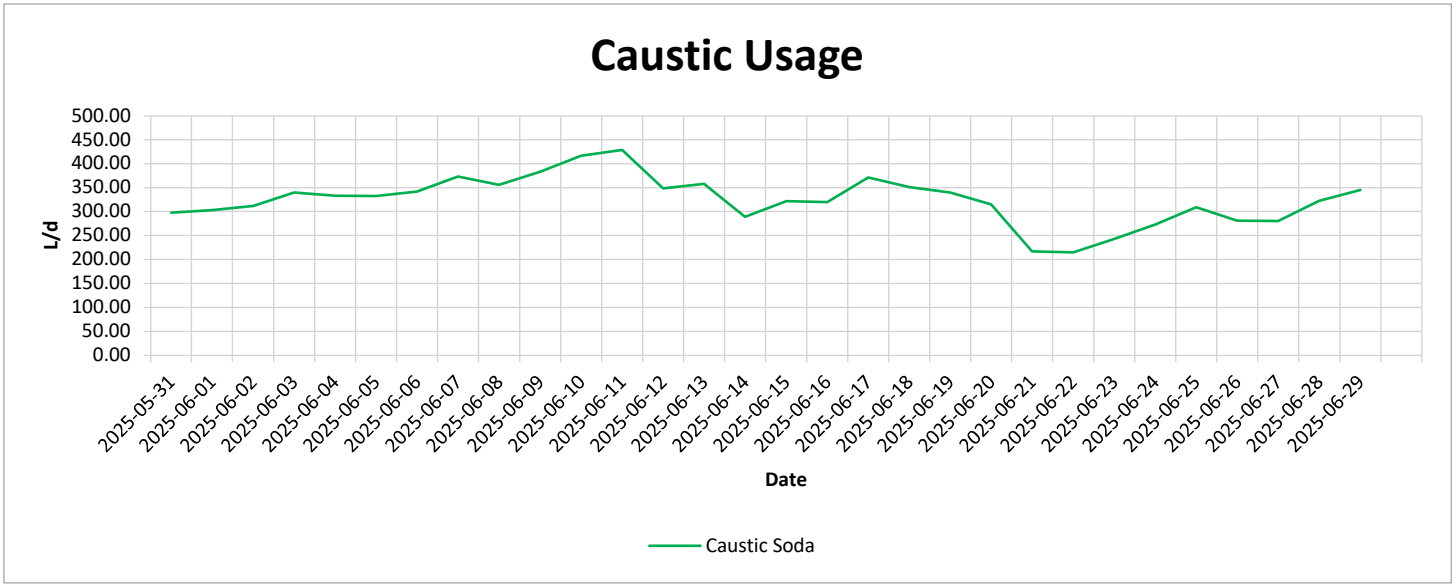
Total for Month
40661.14 Litres




**Notes:**

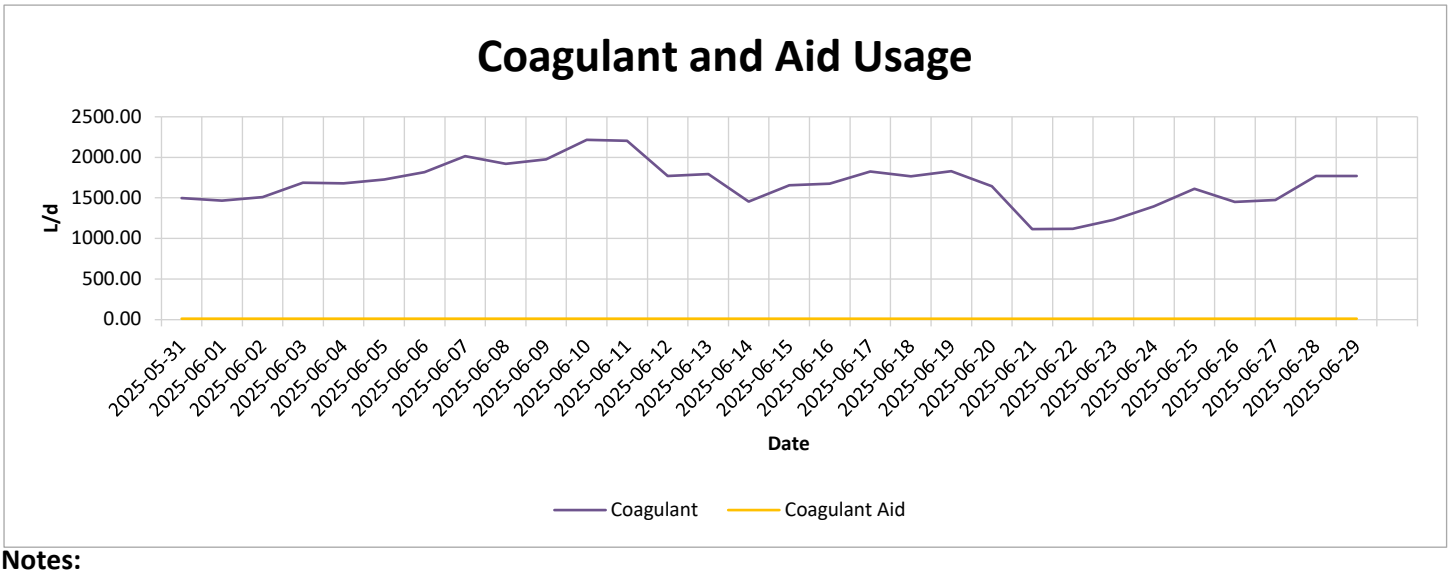
**Casutic Soda Used:**

Total for Month
9715.73 Litres




**Notes:**

| | | |
|---|---|---|
| | Total for Month | |
| **Coagulant Used:** | 50055.69 | Litres |
| **Coagulant Aid Used:** | 272.08 | Litres |

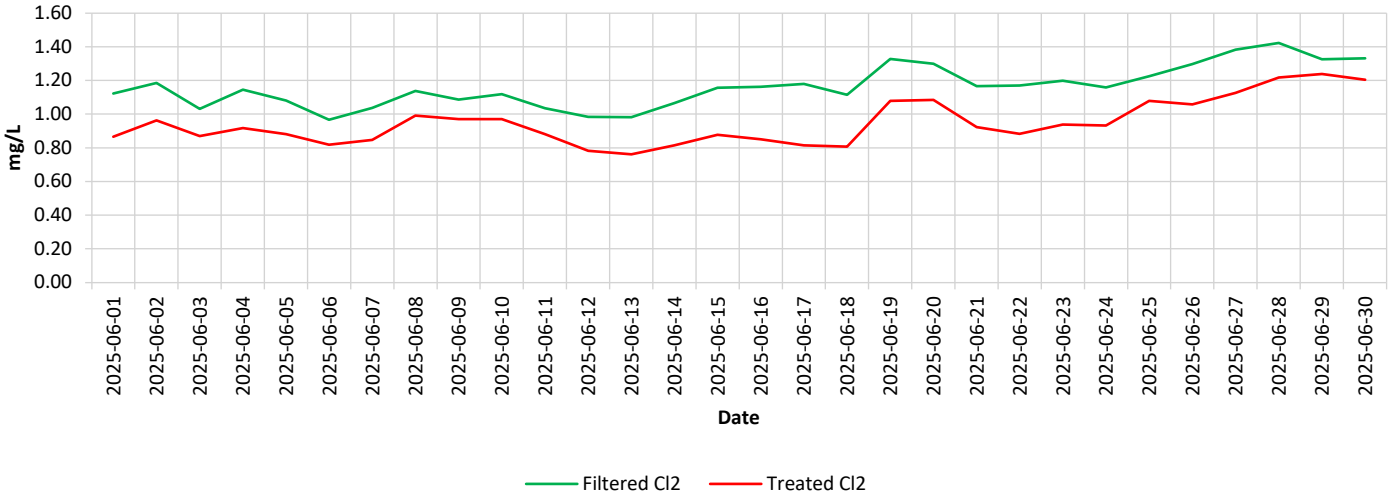



**Notes:**

| | | |
|---|---|---|
| | Total for Month | |
| **Polymer @ .2% Concentration:** | 163165.76 | Litres |
| | Total for Month | |
| **Polymer @ .5% Concentration:** | 150455.42 | Litres |

**Chlorine Dose**

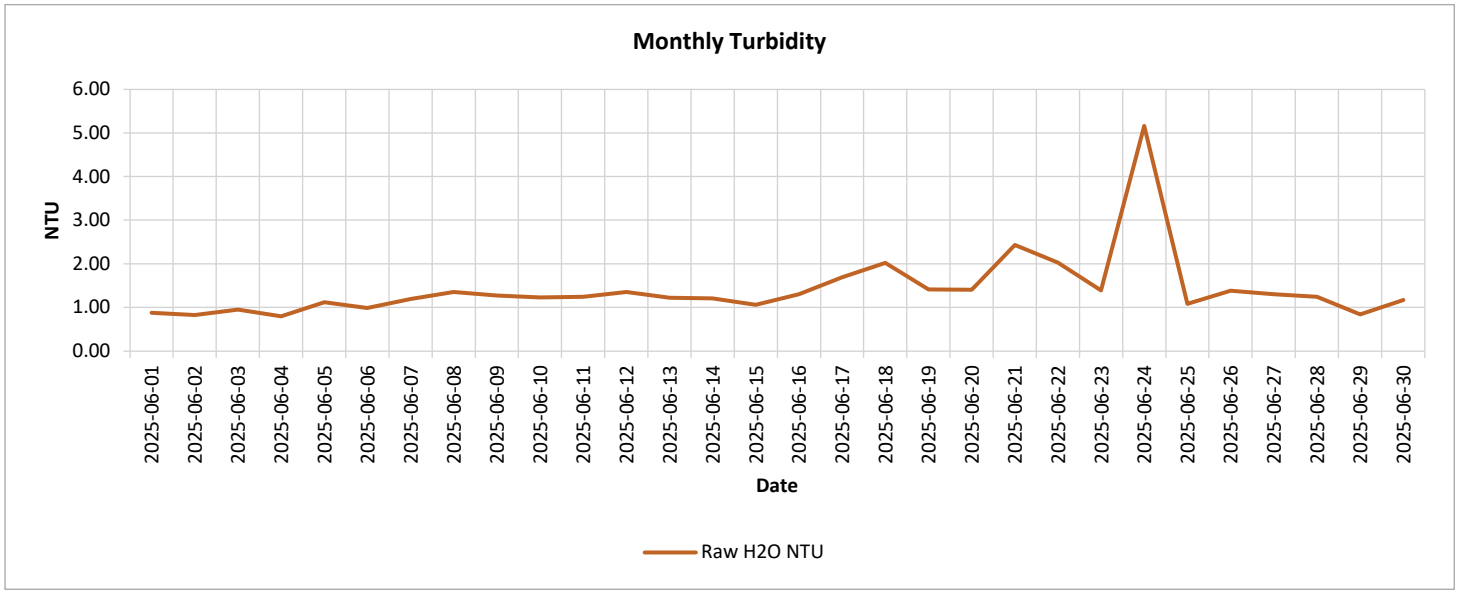
| | | |
|---|---|---|
| Filtered Water Residual Cl2 Average (mg/L): | 1.16 | mg/L |
| Treated Water (Distributed) Cl2 Average (mg/L): | 0.95 | mg/L |



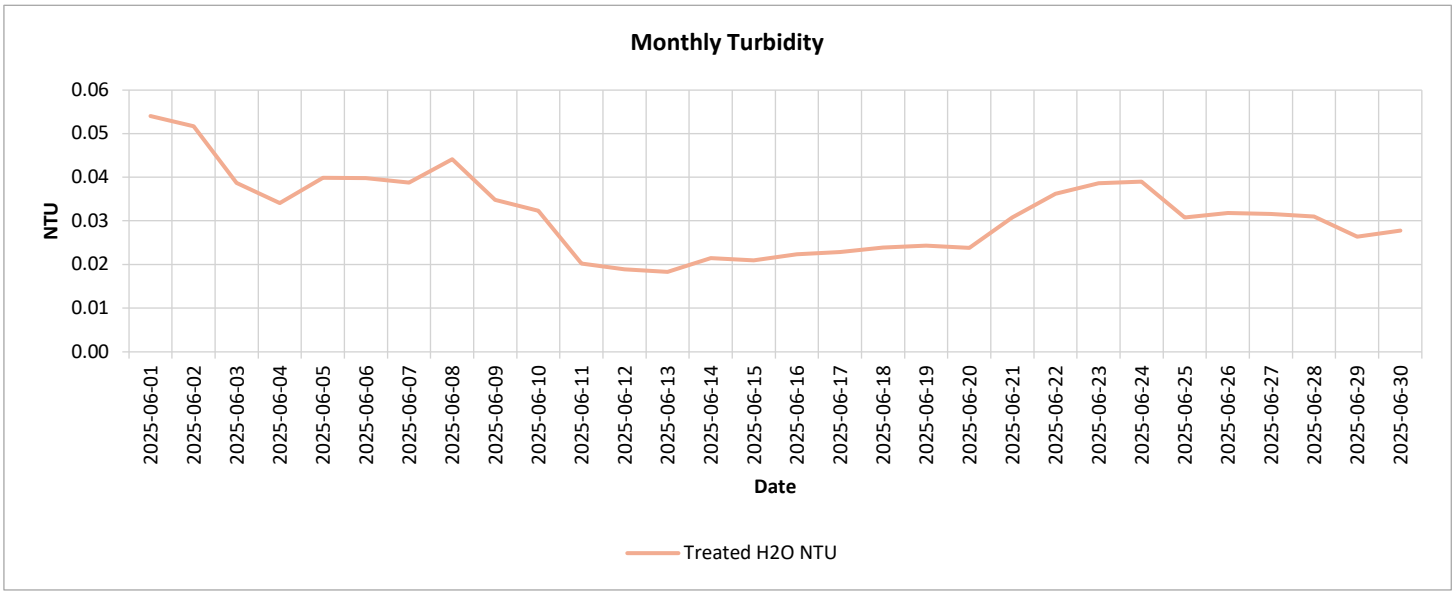
## Water Quality Analytics:

**Turbidity**

Raw Water Monthly Average: 1.42 NTU



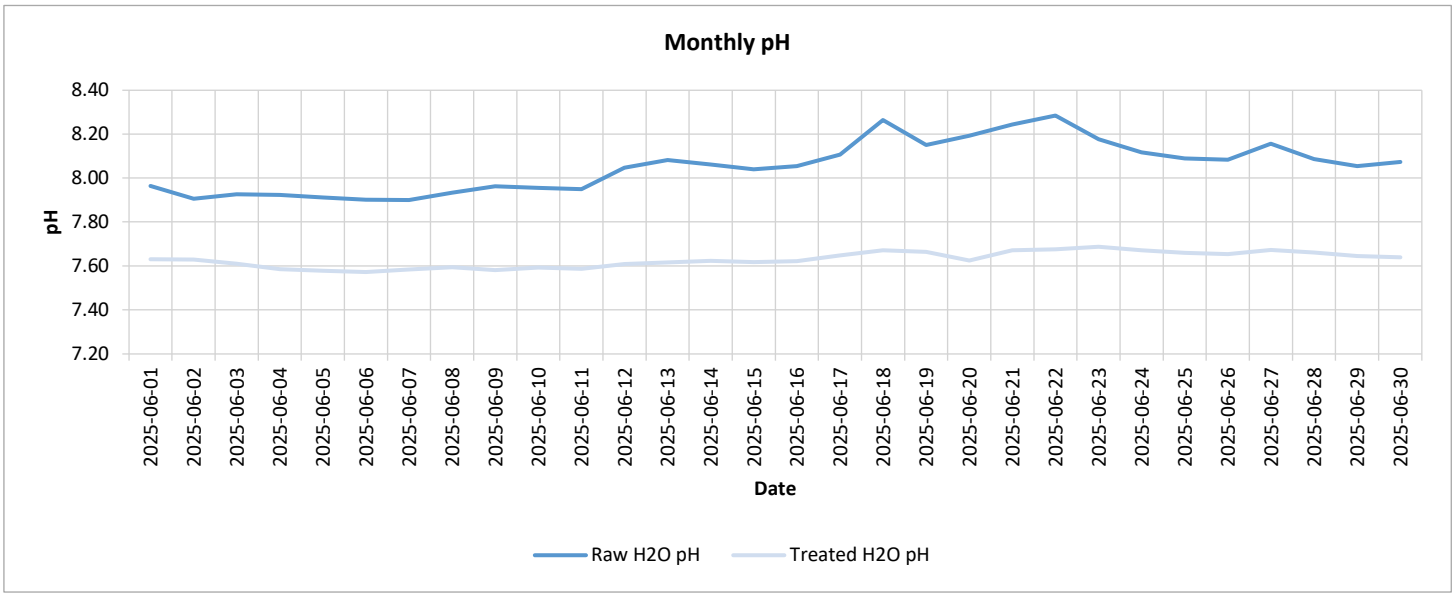

Treated Water Monthly Average: 0.03 NTU




**Notes:**

**pH**

| | | |
|---|---|---|
| Raw Water Monthly Average: | 8.05 | pH |
| Treated Water Monthly Average: | 7.63 | pH |




**Notes:**

## Rose Valley WTP Operational Highlights:

**June 2nd-** Increase front of plant pre-chlorination from 0.75mg/L up to 2.00mg/L based on filter residuals
**June 4th-** Opened BCI to 50%
**June 5th-** Adjust Manganese analyzer sampling frequency to 2x/hour
**June 9th-** Hypo delivery, Raised Manganese analyzer sampling frequency to every 15minutes,
**June 11th-** BCI closed to 25%
**June 12th-** Cleaned and calibrated all NTU analyzers
**June 13th-** Poly tote delivery
**June 18th-** Power got bumped during Centrix visit, had to reset plant
**June 20th-** Sodium hypochlorite delivery
**June 23rd-** Clean all pH probes and housing
**June 24th-** Recalibrated all pH probes
**June 25th-** Oil change on Filtered water analyzer pump, Front of plant pre-chlorination 2.00mg/L up to 2.50mg/L based on filter residuals
**June 26th-** Coagulant delivery, front of plant pre-chlorination 2.50mg/L up to 3.00mg/L
**June 27th-** Front of plan pre-chlorination 3.00mg/L up to 3.50mg/L based on filter residuals

## Rose Valley Watershed Operational Highlights:

**Rose Valley Reservoir**
Weekly Dam inspections
June 5th - Ran generator and completed Piezometers - Level = 596.50m
June 11th - Level = 596.6m
June 19th - Level = 596.72m
June 23rd - Level = 596.82m
June 30th - Level = 596.86m

**Espron Lake**
June 18th - Dam inspection - full and spilling
June 24th - Dam inspection - full and spilling

**Big Horn Reservoir**
Weekly Dam inspections
June 23rd - completed Piezometers - full and spilling

**Bear Creek Intake**
June 23rd - flow is over 3rd tier

**Rose Valley Rotork (N. end of Rose Valley Reservoir)**
June 2nd - Rotork opened to 35%
June 5th - Rotork opened to 50%
June 11th - Rotork turned down to 25%

## 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

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# Rose Valley Water Service Area - Distribution System Monitoring

Updated Version: 25July25

This revision provides additional clarification regarding the **Rosewood Pump Station** and the **Online Free Chlorine Residual (FCR) Analyzer** reading recorded on **June 26, 2025**, which showed an anomalous maximum daily value of **74 mg/L FCR**. This value was not representative of actual water quality conditions.

The original explanation provided in the of the recorded value was provided in the **Operational System Improvements/Events** remains as follows:

- June 26, 2025 – Rosewood PS had generator testing completed, which caused a FCR spike at the online analyzer due to the wiring configuration. Therefore, the max read for the online analyzer was not reflective of the actual FCR in the water main.

**Additional Clarification:**

- The elevated FCR reading was the result of a brief power interruption during scheduled emergency generator testing. When power was restored, the analyzer experienced a temporary spike before returning to normal operation. This spike did not reflect actual water quality at the time.

**Operational Improvement Implemented:**

- On **July 25, 2025**, an **Uninterruptible Power Supply (UPS)** was installed on the Rosewood Pump Station's Online Water Quality Analyzer System.
- This upgrade ensures **continuous power** during temporary outages and generator tests, thereby **preventing false high readings** and improving the reliability of FCR data.
- A similar FCR spike event be observed in the July, 2025 Rose Valley Water Service Area - Distribution System Monitoring Report pending timeline of the Monthly Generator testing and that of the UPS installation.

# June 2025

## Water Quality Data Review

- Based on the distribution system sample monitoring data it appears the water quality objectives were met for free chlorine residual (FCR), turbidity and bacteriological parameters for the month.
    - 24 samples to CARO for analysis
    - 33 samples analyzed in-house at RVWTP
    - All bacteriological sample results indicated <1 CFU/100mL for Total Coliforms and <1 CFU/100mL for *E.coli*.
- June 2, 2025 – Rosewood PS online FCR analyzer calibration adjustment 0.24mg/L decrease.
- June 3, 2025 – Menu PS online pH and FCR analyzer calibration adjustment as follows; pH 0.12 decrease and FCR 0.24mg/L decrease.
- June 4, 2025 – Lower and Upper Boucherie Res back-feed was performed to help the FCR in the Upper Boucherie Res. FCR checks and analyzer calibration to be performed following day.
    - June 5, 2025 – Upper Boucherie Res online FCR analyzer calibration adjustment on both inlet and outlet as follows; Inlet 0.16mg/L increase and Outlet 0.12mg/L increase.
- June 9, 2025 – Upper Boucherie Res FCR analyzer for both inlet and outlet had the sensors replaced, as both sensors were at end of life and no longer supported by manufacturer for servicing. The sensors require a 48 hour stabilization and acclimation time before they can be adjusted, this work was done on June 10th.
    - June 10, 2025 – Upper Boucherie Res online FCR analyzer calibration was completed on both inlet and outlet as follows; Inlet 0.22mg/L decrease and Outlet 0.09mg/L decrease.
- June 19, 2025 – Rosewood Reservoir was dosed with 3.4L of sodium hypochlorite due to a low FCR result in Cell #2 of 0.06mg/L. After dosing FCR was retested with a result of 0.38mg/L.
- June 20, 2025 – Rosewood PS online pH and FCR analyzer calibration adjustment as follows; pH 0.62 increase and FCR 0.34mg/L increase.
- June 22, 2025 – Upper Boucherie Res Outlet had a low FCR from the online analyzer of 0.06mg/L confirmed by grab sampling with a result of 0.06mg/L. Upper Boucherie Res was dosed with 1.8L of hypo raising the FCR by 0.25mg/L.

## Operational System Improvements/Events

- June 1, 2025 – Blackwood PS experienced a power outage on May 31st that continued into June 1st with power restored at 6:30am. Generator was utilized during power loss.
- June 1, 2025 – Lower Boucherie PS, Lower Boucherie Res, Upper Boucherie Res, Viognier PRV and Vineyard PRV all experienced communication loss on May 31st continuing into June 1st. All locations were run by operations staff manually until the EI Technician was able to fix the communications failure.
- June 13, 2025 – Scott Crescent service leak repair in front of 1479 Scott Cres on the laneway.
- June 21, 2025 – Lower Boucherie PS Hypo pump leak repaired.
    - June 24, 2025 – further maintenance and repairs were done to hypo pump; replaced pump tubing, cleaned and replaced roller assembly and tube chamber.
- June 26, 2025 – Rosewood PS had generator testing completed, which caused a FCR spike at the online analyzer due to the wiring configuration. Therefore, the max read for the online analyzer was not reflective of the actual FCR in the water main.

# 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. |
| **Upper Boucherie Res Outlet/Inlet** | 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.

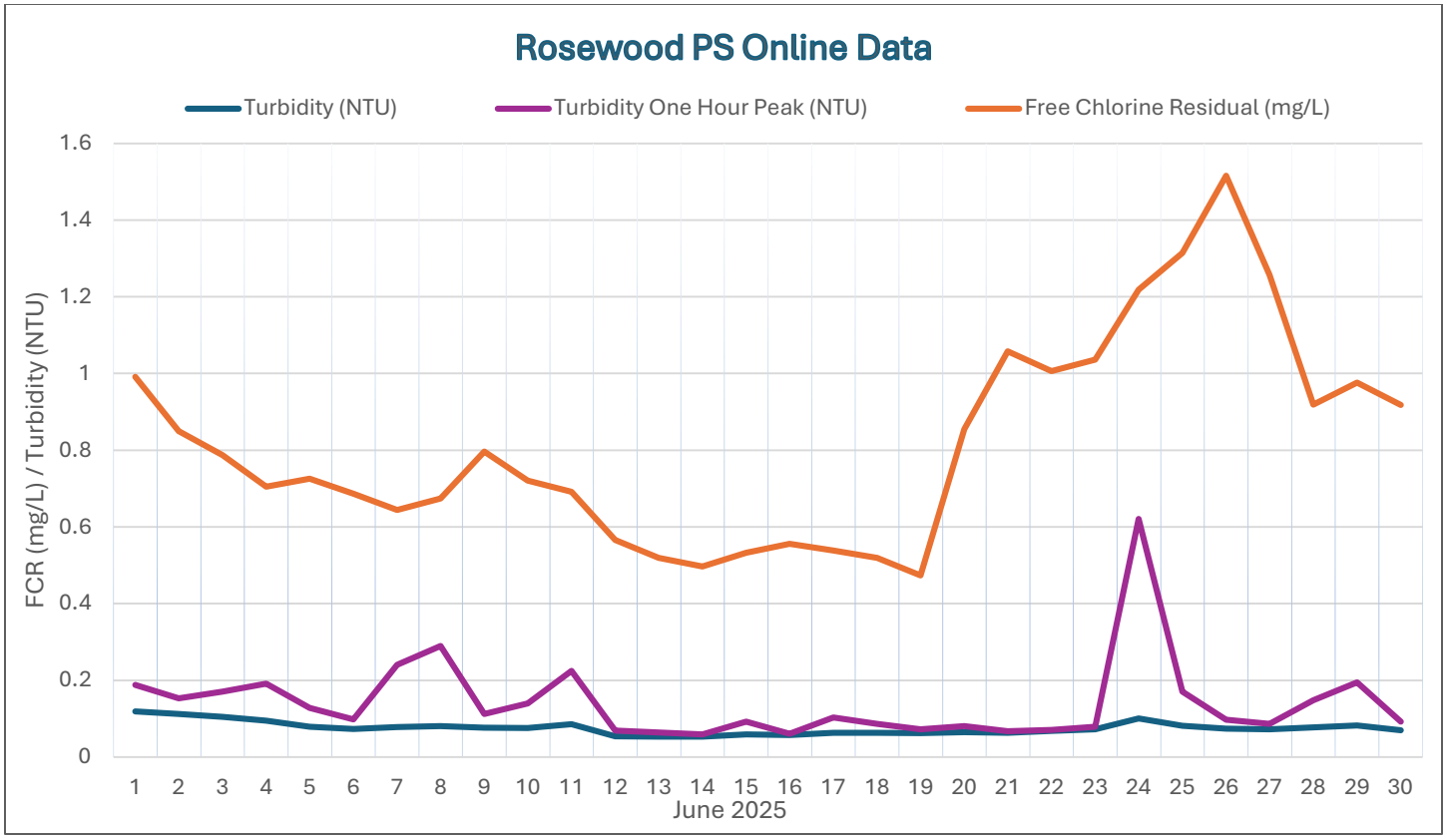
**PS** = Pump Station
**SS**= Sample Station
**Res**=Reservoir

**Note:** Water Quality (WQ) field data results reflect that of the noted location within the distribution system at the time of the grab sample collection.

## 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 (ºC) | Avg (pH) | Avg (mV) |
| **June 2025** | | | | | | | | |
| 1 | 0.12 | 0.19 | 0.85 | 1.09 | 0.99 | 14.76 | 7.63 | 761 |
| 2 | 0.11 | 0.15 | 0.66 | 1.06 | 0.85 | 14.91 | 7.64 | 769 |
| 3 | 0.10 | 0.17 | 0.68 | 0.91 | 0.79 | 15.20 | 7.62 | 779 |
| 4 | 0.09 | 0.19 | 0.61 | 0.76 | 0.70 | 15.39 | 7.61 | 781 |
| 5 | 0.08 | 0.13 | 0.61 | 0.79 | 0.73 | 15.58 | 7.60 | 795 |
| 6 | 0.07 | 0.10 | 0.63 | 0.74 | 0.69 | 15.76 | 7.59 | 795 |
| 7 | 0.08 | 0.24 | 0.60 | 0.69 | 0.64 | 15.95 | 7.59 | 798 |
| 8 | 0.08 | 0.29 | 0.61 | 0.73 | 0.67 | 16.24 | 7.60 | 812 |
| 9 | 0.08 | 0.11 | 0.68 | 0.92 | 0.80 | 16.61 | 7.61 | 832 |
| 10 | 0.08 | 0.14 | 0.59 | 0.85 | 0.72 | 16.74 | 7.62 | 829 |
| 11 | 0.09 | 0.22 | 0.60 | 0.76 | 0.69 | 17.03 | 7.63 | 827 |
| 12 | 0.05 | 0.07 | 0.47 | 0.65 | 0.57 | 17.21 | 7.64 | 813 |
| 13 | 0.05 | 0.06 | 0.43 | 0.60 | 0.52 | 17.08 | 7.67 | 795 |
| 14 | 0.05 | 0.06 | 0.39 | 0.60 | 0.50 | 17.29 | 7.69 | 791 |
| 15 | 0.06 | 0.09 | 0.38 | 0.63 | 0.53 | 17.38 | 7.67 | 799 |
| 16 | 0.06 | 0.06 | 0.46 | 0.65 | 0.56 | 17.60 | 7.65 | 805 |
| 17 | 0.06 | 0.10 | 0.45 | 0.62 | 0.54 | 17.66 | 7.66 | 805 |
| 18 | 0.06 | 0.09 | 0.44 | 0.59 | 0.52 | 17.82 | 7.69 | 805 |
| 19 | 0.06 | 0.07 | 0.41 | 0.56 | 0.47 | 17.74 | 7.73 | 797 |
| 20 | 0.07 | 0.08 | 0.43 | 1.07 | 0.85 | 17.74 | 7.69 | 785 |
| 21 | 0.06 | 0.07 | 0.91 | 1.19 | 1.06 | 17.42 | 7.70 | 736 |
| 22 | 0.07 | 0.07 | 0.90 | 1.12 | 1.01 | 17.54 | 7.78 | 719 |
| 23 | 0.07 | 0.08 | 0.94 | 1.14 | 1.04 | 17.52 | 7.83 | 713 |
| 24 | 0.10 | 0.62 | 1.01 | 1.38 | 1.22 | 17.65 | 7.87 | 714 |
| 25 | 0.08 | 0.17 | 1.03 | 1.44 | 1.31 | 17.67 | 7.86 | 715 |
| 26 | 0.07 | 0.10 | 1.26 | 74.87* | 1.52 | 17.82 | 7.89 | 724 |
| 27 | 0.07 | 0.09 | 0.82 | 1.62 | 1.26 | 17.71 | 7.81 | 734 |
| 28 | 0.08 | 0.15 | 0.81 | 1.02 | 0.92 | 17.87 | 7.71 | 775 |
| 29 | 0.08 | 0.20 | 0.84 | 1.06 | 0.98 | 17.91 | 7.65 | 800 |
| 30 | 0.07 | 0.09 | 0.77 | 1.05 | 0.92 | 18.15 | 7.64 | 801 |
| **Average** | 0.08 | | 0.67 | 3.37 | 0.82 | 16.96 | 7.69 | 780.14 |
| **Min** | 0.05 | | 0.38 | 0.56 | 0.47 | 14.76 | 7.59 | 712.84 |
| **Max** | 0.12 | 0.62 | 1.26 | 74.87 | 1.52 | 18.15 | 7.89 | 832.19 |

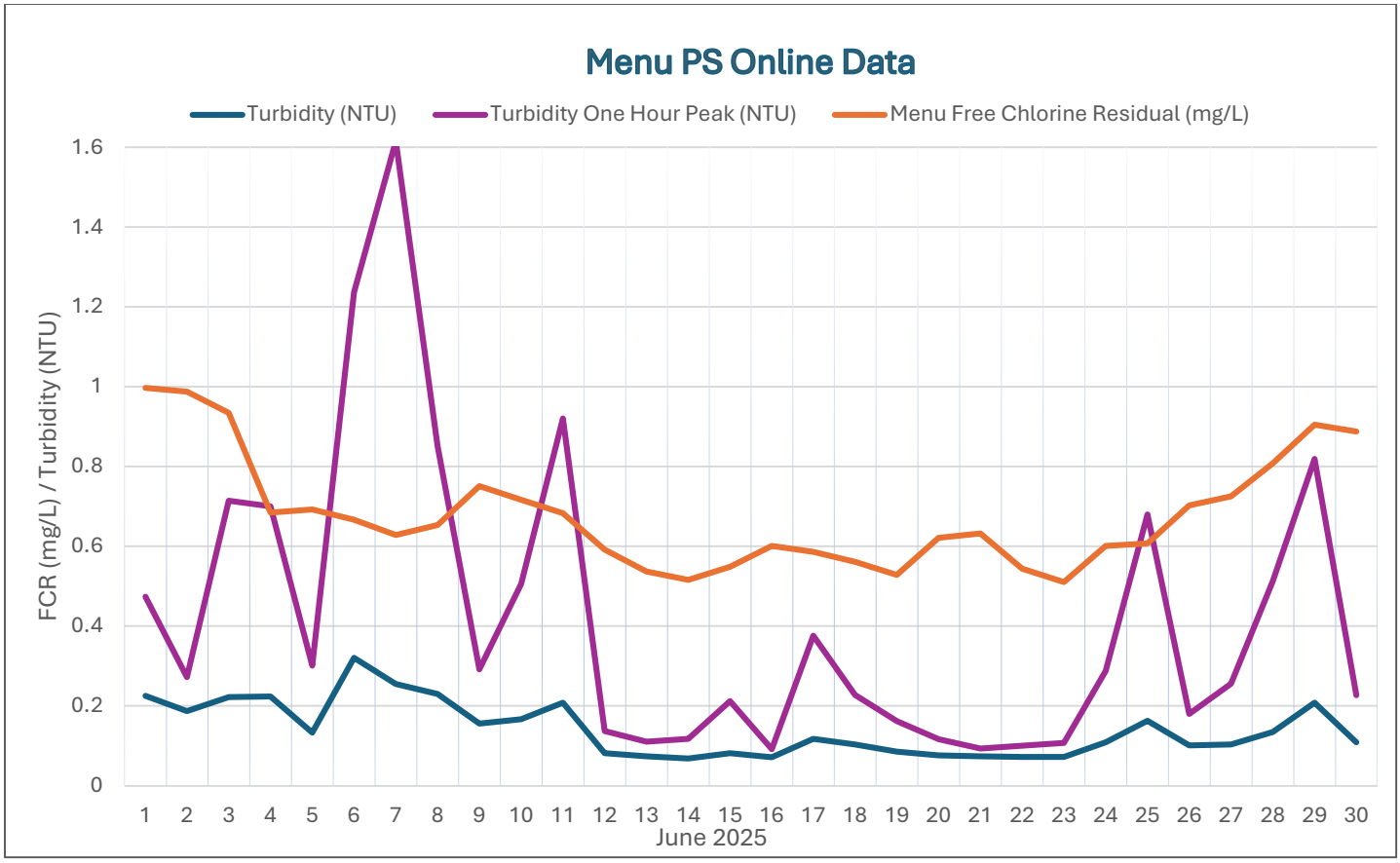
*June 26, 2025 – Rosewood PS had generator testing completed, which caused a FCR spike at the online analyzer due to the wiring configuration. Therefore, the max read for the online analyzer was not reflective of the actual FCR in the water main.




| Rosewood PS WQ Data | | | | | | |
|---|---|---|---|---|---|---|
| Date | Turbidity | | Temp | FCR | | pH |
| | Grab (NTU) | Online (NTU) | Grab (°C) | Grab (mg/L) | Online (mg/L) | |
| 03-Jun-25 | 0.24 | 0.11 | 15.6 | 0.98 | 0.9 | 7.64 |
| 10-Jun-25 | 0.33 | 0.82 | 16.2 | 1.2 | 0.82 | 7.52 |
| 17-Jun-25 | 0.41 | 0.06 | 17.4 | 0.81 | 0.61 | 7.51 |
| 24-Jun-25 | 0.29 | 0.22 | 17.5 | 1.05 | 1.35 | 7.64 |
| # of Samples | 4 | 4 | 4 | 4 | 4 | 4 |
| Average | 0.32 | 0.30 | 16.68 | 1.01 | 0.92 | 7.58 |
| Range | 0.24-0.41 | 0.06-0.82 | 15.60-17.50 | 0.81-1.20 | 0.61-1.35 | 7.51-7.64 |

## Menu PS

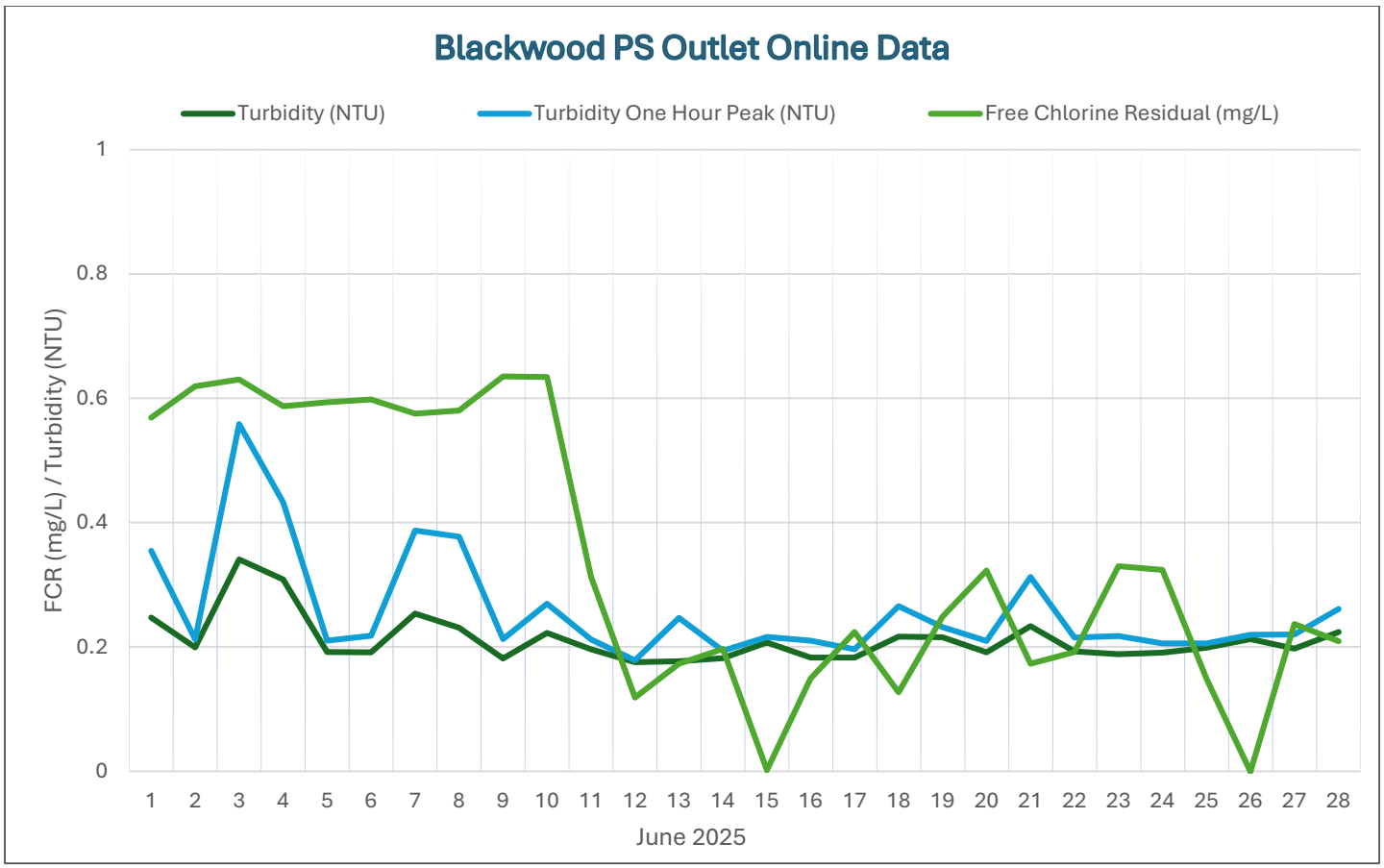
| Menu PS Online Data | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Date | Combined Flow Total From RV | Turbidity | Turbidity (Peak 1 Hr) | Temp | pH | ORP | FCR | | |
| | ($m^3$) | Avg (NTU) | Max Based On 1 Hr Avg | Avg (ºC) | Avg (pH) | Avg (mV) | Min (mg/L) | Max (mg/L) | Avg (mg/L) |
| **June 2025** | | | | | | | | | |
| 1 | 4997 | 0.23 | 0.47 | 14.46 | 7.35 | 797 | 0.87 | 1.08 | 1.00 |
| 2 | 5741 | 0.19 | 0.27 | 14.68 | 7.35 | 800 | 0.84 | 1.09 | 0.99 |
| 3 | 4940 | 0.22 | 0.71 | 14.93 | 7.35 | 808 | 0.70 | 1.16 | 0.93 |
| 4 | 5431 | 0.22 | 0.70 | 15.08 | 7.34 | 790 | 0.60 | 0.74 | 0.68 |
| 5 | 4921 | 0.13 | 0.30 | 15.24 | 7.32 | 788 | 0.61 | 0.74 | 0.69 |
| 6 | 6321 | 0.32 | 1.24 | 15.49 | 7.28 | 792 | 0.00 | 0.71 | 0.67 |
| 7 | 6095 | 0.25 | 1.62 | 15.65 | 7.28 | 797 | 0.57 | 0.67 | 0.63 |
| 8 | 6729 | 0.23 | 0.85 | 15.83 | 7.29 | 810 | 0.60 | 0.70 | 0.65 |
| 9 | 6001 | 0.16 | 0.29 | 16.23 | 7.29 | 821 | 0.62 | 0.83 | 0.75 |
| 10 | 6985 | 0.17 | 0.51 | 16.30 | 7.29 | 822 | 0.61 | 0.82 | 0.72 |
| 11 | 5551 | 0.21 | 0.92 | 16.42 | 7.30 | 820 | 0.61 | 0.74 | 0.68 |
| 12 | 5662 | 0.08 | 0.14 | 16.48 | 7.31 | 808 | 0.50 | 0.66 | 0.59 |
| 13 | 5751 | 0.07 | 0.11 | 16.58 | 7.33 | 797 | 0.46 | 0.61 | 0.54 |
| 14 | 4945 | 0.07 | 0.12 | 16.60 | 7.34 | 796 | 0.42 | 0.61 | 0.52 |
| 15 | 4830 | 0.08 | 0.21 | 16.73 | 7.35 | 798 | 0.43 | 0.63 | 0.55 |
| 16 | 5853 | 0.07 | 0.09 | 16.89 | 7.35 | 806 | 0.52 | 0.68 | 0.60 |
| 17 | 5678 | 0.12 | 0.38 | 17.00 | 7.36 | 798 | 0.52 | 0.65 | 0.59 |
| 18 | 5666 | 0.10 | 0.23 | 17.13 | 7.40 | 791 | 0.51 | 0.62 | 0.56 |
| 19 | 5858 | 0.09 | 0.16 | 17.14 | 7.43 | 785 | 0.46 | 0.61 | 0.53 |
| 20 | 4964 | 0.08 | 0.12 | 17.21 | 7.41 | 801 | 0.50 | 0.69 | 0.62 |
| 21 | 4030 | 0.07 | 0.09 | 17.01 | 7.39 | 811 | 0.58 | 0.67 | 0.63 |
| 22 | 3864 | 0.07 | 0.10 | 16.72 | 7.26 | 781 | 0.00 | 0.59 | 0.54 |
| 23 | 3716 | 0.07 | 0.11 | 16.04 | 6.96 | 741 | 0.00 | 0.60 | 0.51 |
| 24 | 4804 | 0.11 | 0.29 | 17.21 | 7.44 | 797 | 0.50 | 0.67 | 0.60 |
| 25 | 4971 | 0.16 | 0.68 | 17.32 | 7.42 | 795 | 0.51 | 0.71 | 0.61 |
| 26 | 4697 | 0.10 | 0.18 | 17.35 | 7.41 | 802 | 0.63 | 0.75 | 0.70 |
| 27 | 4728 | 0.10 | 0.26 | 17.30 | 7.41 | 801 | 0.60 | 0.78 | 0.72 |
| 28 | 5420 | 0.13 | 0.51 | 17.40 | 7.43 | 823 | 0.73 | 0.85 | 0.81 |
| 29 | 5616 | 0.21 | 0.82 | 17.53 | 7.42 | 837 | 0.78 | 0.96 | 0.90 |
| 30 | 6482 | 0.11 | 0.23 | 17.76 | 7.40 | 838 | 0.74 | 1.00 | 0.89 |
| **Total** | 156251 | | | | | | | | |
| **Average** | 5374.93 | 0.14 | | 16.46 | 7.34 | 801.66 | 0.53 | 0.75 | 0.68 |
| **Min** | 3716.26 | 0.07 | | 14.46 | 6.96 | 741.27 | 0.00 | 0.59 | 0.51 |
| **Max** | 6984.79 | 0.32 | 1.62 | 17.76 | 7.44 | 837.77 | 0.87 | 1.16 | 1.00 |




| Menu PS WQ Data | | | | | | |
|---|---|---|---|---|---|---|
| Date | Turbidity | | Temp | FCR | | pH |
| | Grab (NTU) | Online (NTU) | Grab (°C) | Grab (mg/L) | Online (mg/L) | |
| 03-Jun-25 | 0.23 | 0.2 | 14.9 | 0.84 | 1.13 | 7.66 |
| 10-Jun-25 | 0.23 | 0.15 | 16.2 | 0.77 | 0.79 | 7.6 |
| 17-Jun-25 | 0.12 | 0.09 | 16.9 | 0.74 | 0.65 | 7.6 |
| 24-Jun-25 | 0.23 | 0.08 | 17.2 | 0.86 | 0.66 | 7.43 |
| # of Samples | 4 | 4 | 4 | 4 | 4 | 4 |
| Average | 0.20 | 0.13 | 16.30 | 0.80 | 0.81 | 7.57 |
| Range | 0.12-0.23 | 0.08-0.20 | 14.90-17.20 | 0.74-0.86 | 0.65-1.13 | 7.43-7.66 |

## Blackwood PS

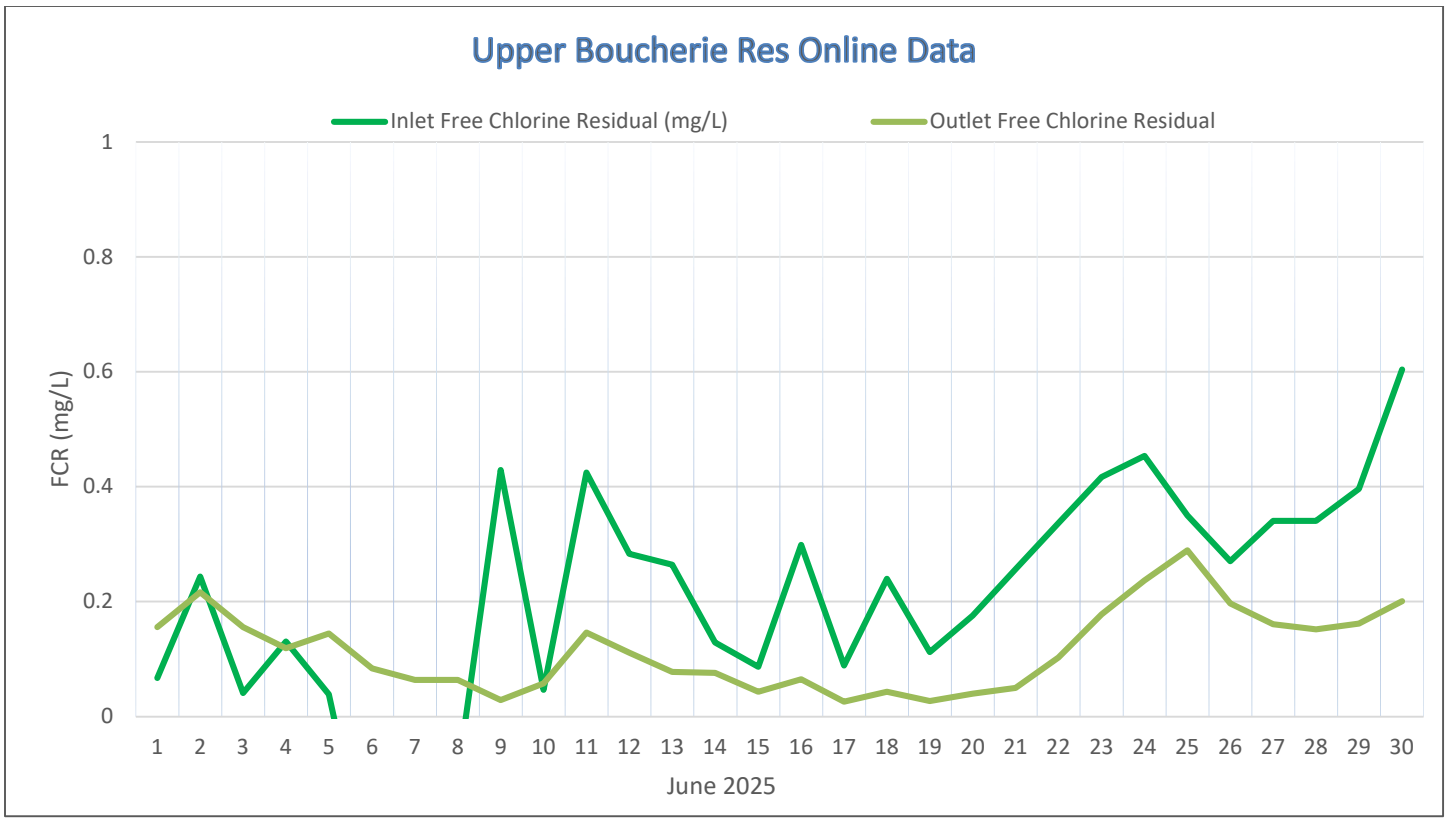
| Blackwood PS Outlet Online Data | | | | | | | |
|---|---|---|---|---|---|---|---|
| Date | Turbidity | Turbidity (Peak 1 Hr) | FCR | | | Temp | pH |
| | Avg (NTU) | Max Based On 1 Hr Avg | Min (mg/L) | Max (mg/L) | Avg (mg/L) | Avg (ºC) | Avg (pH) |
| **June 2025** | | | | | | | |
| 1 | 0.25 | 0.35 | 0.34 | 0.67 | 0.57 | 14.53 | 7.47 |
| 2 | 0.20 | 0.21 | 0.51 | 0.68 | 0.62 | 14.97 | 7.46 |
| 3 | 0.34 | 0.56 | 0.52 | 0.73 | 0.63 | 15.14 | 7.47 |
| 4 | 0.31 | 0.43 | 0.45 | 0.66 | 0.59 | 15.46 | 7.45 |
| 5 | 0.19 | 0.21 | 0.50 | 0.69 | 0.59 | 15.38 | 7.45 |
| 6 | 0.19 | 0.22 | 0.48 | 0.66 | 0.60 | 15.73 | 7.42 |
| 7 | 0.25 | 0.39 | 0.46 | 0.65 | 0.58 | 15.70 | 7.42 |
| 8 | 0.23 | 0.38 | 0.46 | 0.64 | 0.58 | 15.95 | 7.43 |
| 9 | 0.18 | 0.21 | 0.52 | 0.79 | 0.64 | 16.13 | 7.44 |
| 10 | 0.22 | 0.27 | 0.43 | 0.80 | 0.63 | 16.30 | 7.50 |
| 11 | 0.20 | 0.21 | 0.20 | 0.43 | 0.31 | 16.02 | 7.83 |
| 12 | 0.18 | 0.18 | 0.04 | 0.20 | 0.12 | 15.88 | 8.16 |
| 13 | 0.18 | 0.25 | 0.00 | 0.50 | 0.17 | 15.94 | 8.09 |
| 14 | 0.18 | 0.19 | 0.08 | 0.32 | 0.20 | 15.94 | 7.89 |
| 15 | 0.21 | 0.22 | 0.00 | 0.08 | 0.00 | 15.95 | 8.32 |
| 16 | 0.18 | 0.21 | 0.00 | 0.55 | 0.15 | 16.39 | 8.11 |
| 17 | 0.18 | 0.20 | 0.11 | 0.34 | 0.22 | 16.43 | 7.94 |
| 18 | 0.22 | 0.27 | 0.00 | 0.49 | 0.13 | 16.56 | 8.16 |
| 19 | 0.22 | 0.23 | 0.13 | 0.41 | 0.25 | 16.64 | 7.83 |
| 20 | 0.19 | 0.21 | 0.08 | 0.54 | 0.32 | 16.83 | 7.83 |
| 21 | 0.23 | 0.31 | 0.06 | 0.31 | 0.17 | 16.40 | 8.04 |
| 22 | 0.19 | 0.22 | 0.00 | 0.52 | 0.19 | 16.48 | 8.12 |
| 23 | 0.19 | 0.22 | 0.19 | 0.47 | 0.33 | 16.65 | 7.81 |
| 24 | 0.19 | 0.21 | 0.24 | 0.45 | 0.32 | 16.90 | 7.78 |
| 25 | 0.20 | 0.21 | 0.06 | 0.24 | 0.15 | 16.63 | 8.06 |
| 26 | 0.21 | 0.22 | 0.00 | 0.06 | 0.00 | 16.50 | 8.43 |
| 27 | 0.20 | 0.22 | 0.00 | 0.55 | 0.24 | 16.66 | 8.08 |
| 28 | 0.22 | 0.26 | 0.00 | 0.34 | 0.21 | 16.48 | 8.11 |
| 29 | 0.25 | 0.27 | 0.00 | | | 16.47 | 8.61 |
| 30 | 0.22 | 0.24 | 0.00 | | | 16.59 | 8.68 |
| **Average** | 0.21 | | 0.17 | 0.46 | 0.31 | 16.12 | 7.88 |
| **Min** | 0.18 | | 0.00 | 0.00 | 0.00 | 14.53 | 7.42 |
| **Max** | 0.34 | 0.56 | 0.52 | 0.80 | 0.64 | 16.90 | 8.68 |




| Blackwood PS Outlet WQ Data | | | | | | |
|---|---|---|---|---|---|---|
| Date | Turbidity | | Water Temp | FCR | | pH |
| | Grab (NTU) | Online (NTU) | Grab (°C) | Grab (mg/L) | Online (mg/L) | |
| 03-Jun-25 | 0.74 | 0.68 | 15.3 | 0.79 | 0.68 | 7.63 |
| 10-Jun-25 | 0.25 | 0.27 | 15.9 | 0.66 | 0.69 | 7.53 |
| 17-Jun-25 | 0.17 | 0.18 | 16.3 | 0.21 | 0.26 | 7.54 |
| 24-Jun-25 | 0.29 | 0.2 | 17.3 | 0.55 | 0.45 | 7.63 |
| # of Samples | 4 | 4 | 4 | 4 | 4 | 4 |
| Average | 0.36 | 0.33 | 16.20 | 0.55 | 0.52 | 7.58 |
| Range | 0.17-0.74 | 0.18-0.68 | 15.3-17.3 | 0.21-0.79 | 0.26-0.69 | 7.53-7.63 |

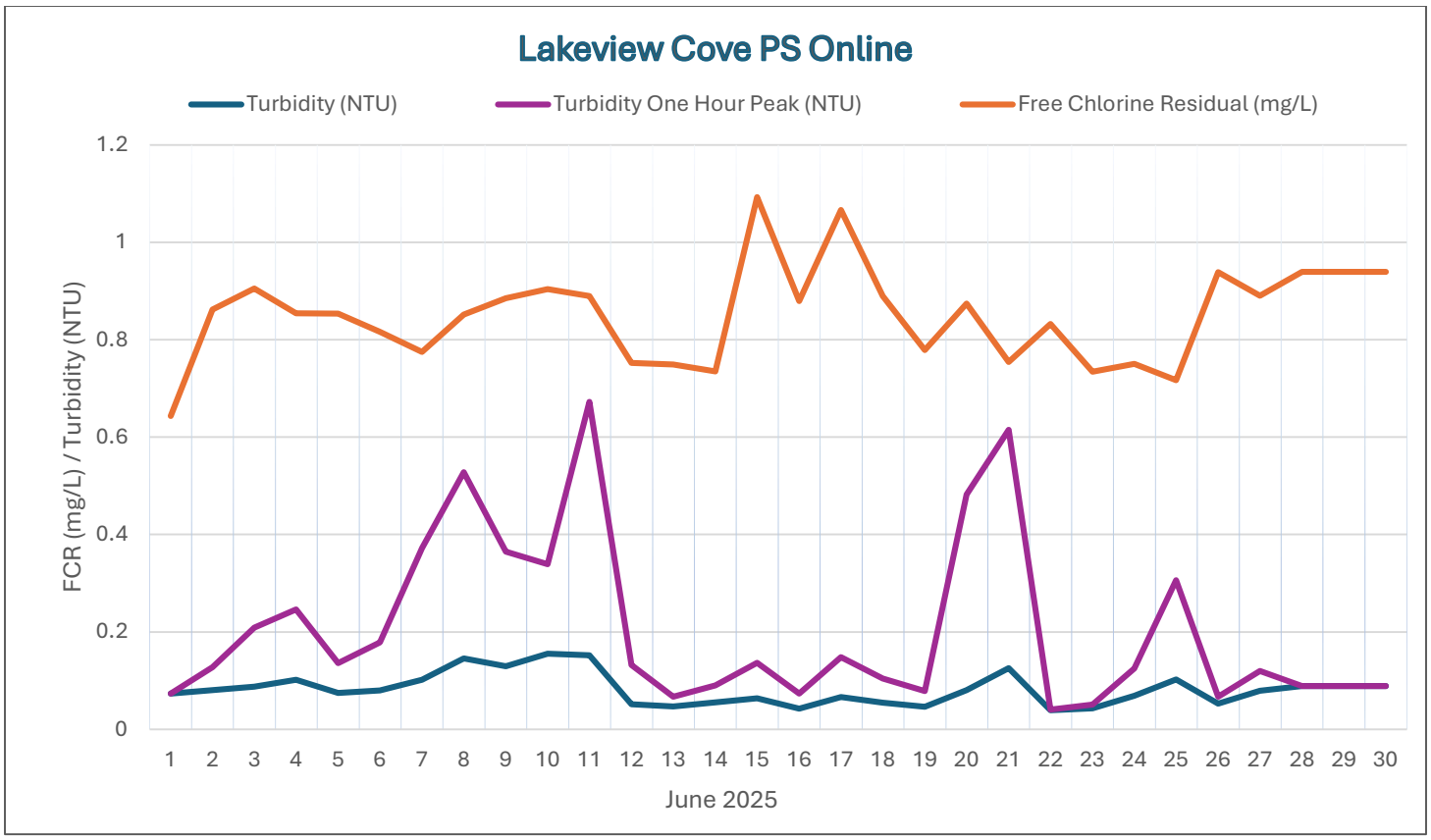
## Upper Boucherie Res

| Upper Boucherie Res Online Data | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Date | Temp | pH | Inlet FCR | | | Outlet FCR | | |
| | Avg (ºC) | Avg (pH) | Min (mg/L) | Max (mg/L) | Avg (mg/L) | Min (mg/L) | Max (mg/L) | Avg (mg/L) |
| **Jun 2025** | | | | | | | | |
| 1 | 13.98 | 0.00 | 0.07 | 0.07 | 0.07 | 0.16 | 0.16 | 0.16 |
| 2 | 14.42 | 0.00 | 0.06 | 0.83 | 0.24 | 0.16 | 0.44 | 0.22 |
| 3 | 15.09 | 0.00 | | | | 0.10 | 0.20 | 0.16 |
| 4 | 15.15 | 0.00 | | | | 0.07 | 0.42 | 0.12 |
| 5 | 15.65 | 0.00 | | | | 0.12 | 0.18 | 0.14 |
| 6 | 14.73 | 0.00 | | | | 0.00 | 0.13 | 0.08 |
| 7 | 15.88 | 0.00 | | | | 0.06 | 0.06 | 0.06 |
| 8 | 15.88 | 0.00 | | | | 0.06 | 0.06 | 0.06 |
| 9 | 7.58 | 0.45 | | | | 0.00 | 0.06 | 0.03 |
| 10 | 9.20 | 4.09 | 0.00 | 0.30 | 0.05 | 0.00 | 0.20 | 0.06 |
| 11 | 17.35 | 7.78 | 0.04 | 1.16 | 0.42 | 0.07 | 0.21 | 0.15 |
| 12 | 17.38 | 7.77 | 0.05 | 0.72 | 0.28 | 0.07 | 0.18 | 0.11 |
| 13 | 17.21 | 7.79 | 0.02 | 0.93 | 0.26 | 0.03 | 0.16 | 0.08 |
| 14 | 17.40 | 7.80 | 0.03 | 0.53 | 0.13 | 0.03 | 0.13 | 0.08 |
| 15 | 17.40 | 7.80 | 0.02 | 0.23 | 0.09 | 0.02 | 0.10 | 0.04 |
| 16 | 17.62 | 7.82 | 0.02 | 0.76 | 0.30 | 0.02 | 0.11 | 0.06 |
| 17 | 17.86 | 7.81 | 0.02 | 0.65 | 0.09 | 0.02 | 0.04 | 0.03 |
| 18 | 17.66 | 7.82 | 0.02 | 0.54 | 0.24 | 0.02 | 0.06 | 0.04 |
| 19 | 17.72 | 7.84 | 0.01 | 0.80 | 0.11 | 0.01 | 0.09 | 0.03 |
| 20 | 17.86 | 7.85 | 0.02 | 0.63 | 0.18 | 0.02 | 0.08 | 0.04 |
| 21 | 17.37 | 7.86 | 0.01 | 0.92 | 0.26 | 0.02 | 0.09 | 0.05 |
| 22 | 17.43 | 7.86 | 0.01 | 0.90 | 0.34 | 0.02 | 0.24 | 0.10 |
| 23 | 17.43 | 7.89 | 0.06 | 0.86 | 0.42 | 0.11 | 0.26 | 0.18 |
| 24 | 17.51 | 7.89 | 0.06 | 1.14 | 0.45 | 0.11 | 0.55 | 0.24 |
| 25 | 17.71 | 7.89 | 0.10 | 0.95 | 0.35 | 0.21 | 0.36 | 0.29 |
| 26 | 17.87 | 7.89 | 0.07 | 0.93 | 0.27 | 0.11 | 0.28 | 0.20 |
| 27 | 17.77 | 7.89 | 0.06 | 0.69 | 0.34 | 0.10 | 0.23 | 0.16 |
| 28 | 17.88 | 7.89 | 0.05 | 0.69 | 0.34 | 0.09 | 0.21 | 0.15 |
| 29 | 18.15 | 7.89 | 0.04 | 1.34 | 0.40 | 0.08 | 0.24 | 0.16 |
| 30 | 18.53 | 7.87 | 0.06 | 1.40 | 0.60 | 0.10 | 0.41 | 0.20 |
| **Average** | 16.36 | 5.38 | 0.04 | 0.78 | 0.27 | 0.07 | 0.20 | 0.12 |
| **Min** | 7.58 | 0.00 | 0.00 | 0.07 | 0.05 | 0.00 | 0.04 | 0.03 |
| **Max** | 18.53 | 7.89 | 0.10 | 1.40 | 0.60 | 0.21 | 0.55 | 0.29 |


Upper Boucherie Res Online Data
Inlet Free Chlorine Residual (mg/L)
Outlet Free Chlorine Residual
FCR (mg/L)
1
0.8
0.6
0.4
0.2
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
June 2025

## 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) |
| **June 2025** | | | | | | |
| 1 | 0.07 | 0.07 | 0.64 | 0.64 | 0.64 | 14.16 |
| 2 | 0.08 | 0.13 | 0.64 | 1.12 | 0.86 | 14.63 |
| 3 | 0.09 | 0.21 | 0.72 | 1.08 | 0.91 | 15.10 |
| 4 | 0.10 | 0.25 | 0.73 | 1.06 | 0.85 | 15.33 |
| 5 | 0.07 | 0.14 | 0.61 | 1.01 | 0.85 | 15.41 |
| 6 | 0.08 | 0.18 | 0.70 | 1.03 | 0.82 | 15.83 |
| 7 | 0.10 | 0.37 | 0.67 | 0.87 | 0.77 | 15.93 |
| 8 | 0.15 | 0.53 | 0.62 | 1.13 | 0.85 | 16.21 |
| 9 | 0.13 | 0.36 | 0.61 | 1.03 | 0.89 | 16.33 |
| 10 | 0.16 | 0.34 | 0.62 | 1.13 | 0.90 | 16.52 |
| 11 | 0.15 | 0.67 | 0.74 | 1.02 | 0.89 | 16.63 |
| 12 | 0.05 | 0.13 | 0.56 | 0.89 | 0.75 | 16.70 |
| 13 | 0.05 | 0.07 | 0.54 | 1.01 | 0.75 | 16.65 |
| 14 | 0.06 | 0.09 | 0.24 | 2.52 | 0.74 | 16.40 |
| 15 | 0.06 | 0.14 | 0.48 | 8.04 | 1.09 | 16.82 |
| 16 | 0.04 | 0.07 | 0.29 | 2.43 | 0.88 | 16.86 |
| 17 | 0.07 | 0.15 | 0.63 | 5.00 | 1.07 | 17.23 |
| 18 | 0.06 | 0.10 | 0.50 | 1.89 | 0.89 | 17.37 |
| 19 | 0.05 | 0.08 | 0.49 | 0.97 | 0.78 | 17.26 |
| 20 | 0.08 | 0.48 | 0.49 | 2.32 | 0.87 | 17.29 |
| 21 | 0.13 | 0.61 | 0.36 | 1.19 | 0.75 | 16.90 |
| 22 | 0.04 | 0.04 | 0.57 | 1.36 | 0.83 | 17.02 |
| 23 | 0.04 | 0.05 | 0.54 | 0.93 | 0.73 | 17.08 |
| 24 | 0.07 | 0.12 | 0.28 | 2.32 | 0.75 | 17.09 |
| 25 | 0.10 | 0.31 | 0.54 | 0.87 | 0.72 | 17.42 |
| 26 | 0.05 | 0.07 | 0.71 | 1.14 | 0.94 | 17.51 |
| 27 | 0.08 | 0.12 | 0.69 | 1.02 | 0.89 | 17.40 |
| 28 | 0.09 | 0.09 | 0.94 | 0.94 | 0.94 | 17.45 |
| 29 | 0.09 | 0.09 | 0.94 | 0.94 | 0.94 | 17.45 |
| 30 | 0.09 | 0.09 | 0.94 | 0.94 | 0.94 | 17.45 |
| **Average** | 0.08 | | 0.60 | 1.60 | 0.85 | 16.58 |
| **Min** | 0.04 | | 0.24 | 0.64 | 0.64 | 14.16 |
| **Max** | 0.16 | 0.67 | 0.94 | 8.04 | 1.09 | 17.51 |


Lakeview Cove PS Online
Turbidity (NTU)
Turbidity One Hour Peak (NTU)
Free Chlorine Residual (mg/L)
FCR (mg/L) / Turbidity (NTU)
1.2
1
0.8
0.6
0.4
0.2
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
June 2025

# WQ Field Data

## Thacker SS

| Thacker SS WQ Data | | | | |
|---|---|---|---|---|
| Date | Turbidity | Temp | FCR | pH |
| | Grab (NTU) | Grab (°C) | Grab (mg/L) | |
| 03-Jun-25 | 0.36 | 15.7 | 0.35 | 7.6 |
| 10-Jun-25 | 0.22 | 15.4 | 0.85 | 7.57 |
| 17-Jun-25 | 0.18 | 17.8 | 0.40 | 7.59 |
| 24-Jun-25 | 0.26 | 18.3 | 0.79 | 7.61 |
| # of Samples | 4 | 4 | 4 | 4 |
| Average | 0.26 | 16.80 | 0.60 | 7.59 |
| Range | 0.18-0.36 | 15.4-18.3 | 0.35-0.85 | 7.57-7.61 |

## Shannon Way SS

| Shannon Way SS WQ Data | | | | |
|---|---|---|---|---|
| Date | Turbidity | Temp | FCR | pH |
| | Grab (NTU) | Grab (°C) | Grab (mg/L) | |
| 03-Jun-25 | 0.24 | 15.4 | 0.63 | 7.69 |
| 10-Jun-25 | 0.59 | 16.2 | 0.67 | 7.63 |
| 17-Jun-25 | 0.15 | 20.0 | 0.53 | 7.64 |
| 24-Jun-25 | 0.3 | 18.2 | 0.55 | 7.67 |
| # of Samples | 4 | 4 | 4 | 4 |
| Average | 0.32 | 17.45 | 0.60 | 7.66 |
| Range | 0.15-0.59 | 15.4-20.0 | 0.53-0.67 | 7.63-7.69 |

## Lower Horizon SS

| Lower Horizon SS WQ Data | | | | |
|---|---|---|---|---|
| Date | Turbidity | Temp | FCR | pH |
| | Grab (NTU) | Grab (°C) | Grab (mg/L) | |
| 03-Jun-25 | 0.56 | 15.4 | 0.58 | 7.62 |
| 10-Jun-25 | 0.29 | 16.1 | 0.78 | 7.58 |
| 17-Jun-25 | 0.18 | 17.8 | 0.45 | 7.54 |
| 24-Jun-25 | 0.25 | 17.8 | 0.43 | 7.61 |
| # of Samples | 4 | 4 | 4 | 4 |
| Average | 0.32 | 16.78 | 0.56 | 7.59 |
| Range | 0.18-0.56 | 15.4-17.8 | 0.43-0.78 | 7.54-7.62 |

## Pritchard SS

| Pritchard SS WQ Data | | | | |
|---|---|---|---|---|
| Date | Turbidity | Temp | FCR | pH |
| | Grab (NTU) | Grab (°C) | Grab (mg/L) | |
| 03-Jun-25 | 0.32 | 16.4 | 0.51 | 7.72 |
| 10-Jun-25 | 0.24 | 16.1 | 0.77 | 7.63 |
| 17-Jun-25 | 0.21 | 20.0 | 0.58 | 7.61 |
| 24-Jun-25 | 0.26 | 19.4 | 0.49 | 7.67 |
| # of Samples | 4 | 4 | 4 | 4 |
| Average | 0.26 | 17.98 | 0.59 | 7.66 |
| Range | 0.21-0.32 | 16.1-20.0 | 0.49-0.77 | 7.61-7.72 |

## Vineyard View SS

| Vineyard View SS WQ Data | | | | |
|---|---|---|---|---|
| Date | Turbidity | Temp | FCR | pH |
| | Grab (NTU) | Grab (°C) | Grab (mg/L) | |
| 03-Jun-25 | 9:50 | 16.4 | 0.33 | 7.54 |
| 10-Jun-25 | 0.18 | 16.3 | 0.33 | 7.61 |
| 17-Jun-25 | 0.21 | 17.5 | 0.2 | 7.56 |
| 24-Jun-25 | 0.23 | 18.5 | 0.2 | 7.43 |
| # of Samples | 4 | 4 | 4 | 4 |
| Average | 0.26 | 17.18 | 0.27 | 7.54 |
| Range | 0.18-0.41 | 16.3-18.5 | 0.2-0.33 | 7.43-7.61 |