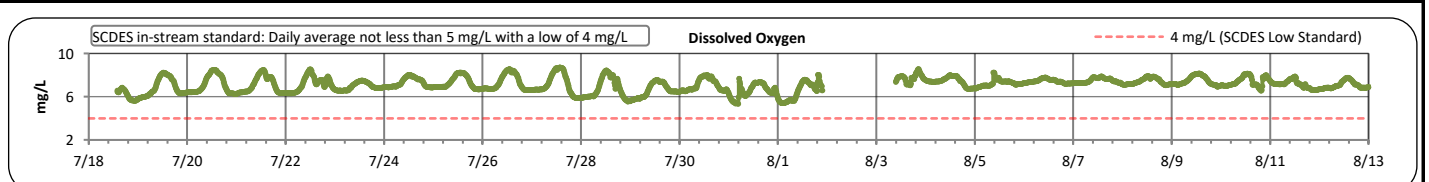
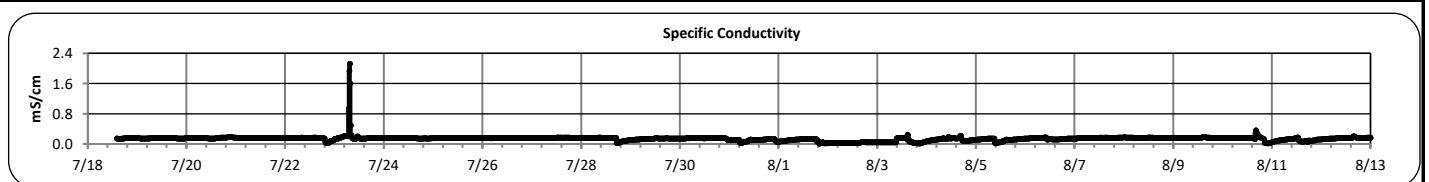
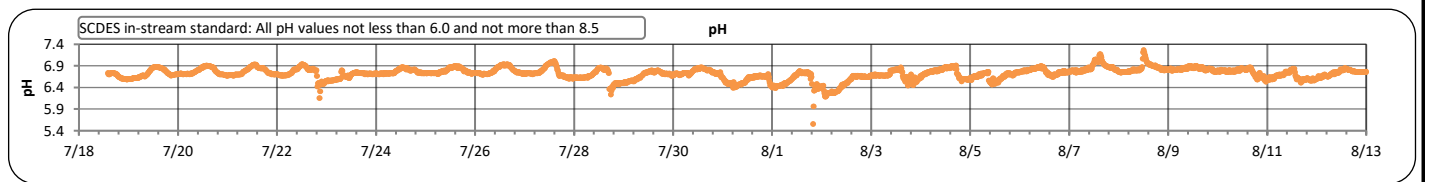
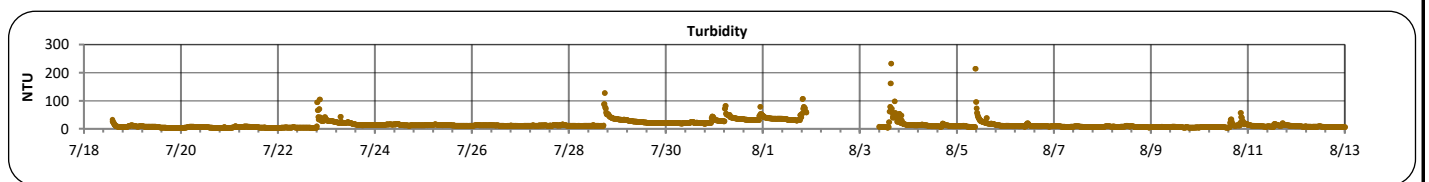
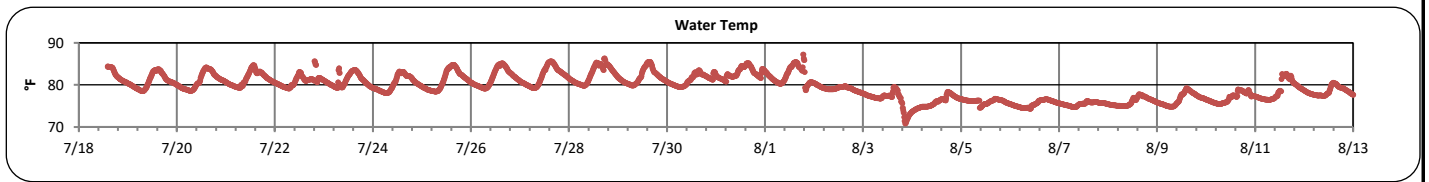
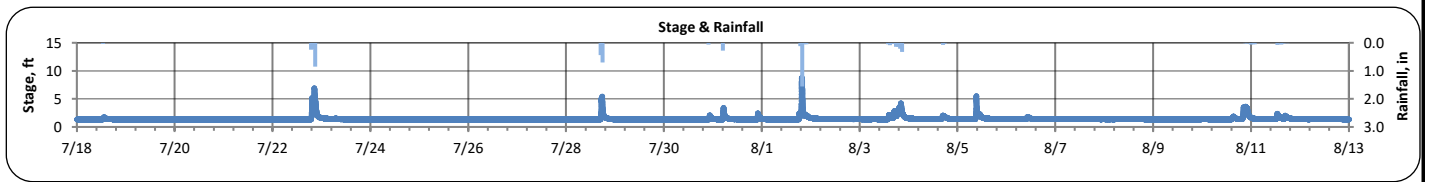




Continuous Water Quality Monitoring Periodic Report

Rocky Branch A (July 18, 2025 - August 13, 2025)

| PARAMETER | DESCRIPTION | CONTINUOUS WATER QUALITY PARAMETERS: | SUMMARY STATISTICS | | | | |
|---------------------------------|--|--------------------------------------|--------------------|------------------|-----------------|---------------|--------------------|
| | | | MINIMUM OBSERVED | MAXIMUM OBSERVED | MEDIAN OBSERVED | MEAN OBSERVED | STANDARD DEVIATION |
| STREAM NAME: | Rocky Branch | STAGE (FT): | 1.3 | 8.8 | 1.4 | 1.5 | 0.4 |
| LOCATION: | Maxcy Gregg Park | TEMPERATURE (°F): | 71 | 87 | 80 | 79 | 3 |
| ADDRESS: | 1650 Park Circle Columbia, SC 29201 | TURBIDITY (NTU): | 3 | 233 | 11 | 15 | 14 |
| COORDINATES: | 33.995864, -81.021842 | pH: | 5.4 | 7.3 | 6.7 | 6.7 | 0.1 |
| TMDL/IMPAIRMENT: | Fecal Coliform | SPECIFIC CONDUCTIVITY (mS/cm): | 0.013 | 2.126 | 0.152 | 0.140 | 0.076 |
| NEIGHBORING LANDUSE: | Residential and commercial | DISSOLVED OXYGEN (mg/L): | 5.4 | 8.7 | 7.2 | 7.1 | 0.7 |
| SPATIAL LOCATION: | Most upstream site | | | | | | |
| TOTAL NO. STORMS OVER 0.1 INCH: | 12 | | | | | | |
| MAX. DAILY RAINFALL: | 1.8 inches | | | | | | |
| TOTAL RAINFALL (FOR PERIOD): | 9.9 inches | | | | | | |



Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

**Continuous Water Quality
Monitoring Periodic Report**

Rocky Branch A (July 18, 2025 - August 13, 2025)

Explanation of Statistics:

| | |
|---------------------------|--|
| MINIMUM OBSERVED | The minimum of the values recorded by the datasonde in 15 minute intervals. |
| MAXIMUM OBSERVED | The maximum of the values recorded by the datasonde in 15 minute intervals. |
| MEDIAN OBSERVED | The median of all the values recorded by the datasonde in 15 minute intervals. |
| MEAN OBSERVED | The average of all the values recorded by the datasonde in 15 minute intervals. |
| STANDARD DEVIATION | The standard deviation of all the values recorded by the datasonde in 15 minute intervals. |

Sampled Data: Four wet weather samples were collected during this monitoring period.

| Analyte (units) | Sample 1 | | Sample 2 | | Sample 3 | | Sample 4 | |
|-------------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| | 8/11/2025 | | 8/11/2025 | | 8/11/2025 | | 8/11/2025 | |
| | Time | Results | Time | Results | Time | Results | Time | Results |
| <i>Escherichia coli</i> (MPN/100mL) | 11:25 | 378 | 12:30 | 2,710 | 13:30 | 12,300 | 15:05 | 2,320 |
| Total Suspended Solids (mg/L) | | | | | | | | |
| Total Lead (mg/L) | | | | | | | | |
| Total Nitrogen (mg/L) | | | | | | | | |

Notes:

Data Gaps

Calibration period occurred on 7/16-7/18. Data gap present in dissolved oxygen and turbidity data from 8/1 - 8/3 due to partial sonde impaction as a result of sediment accumulation. During this timeframe, the data quality is inaccurate and therefore not reported within this periodic report.

Potential Illicit Discharges and Abnormal Events:

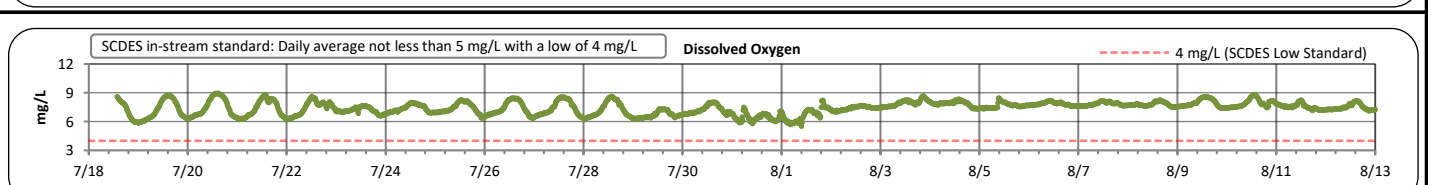
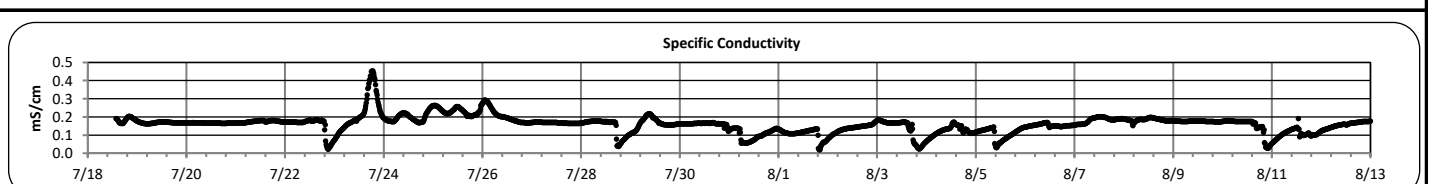
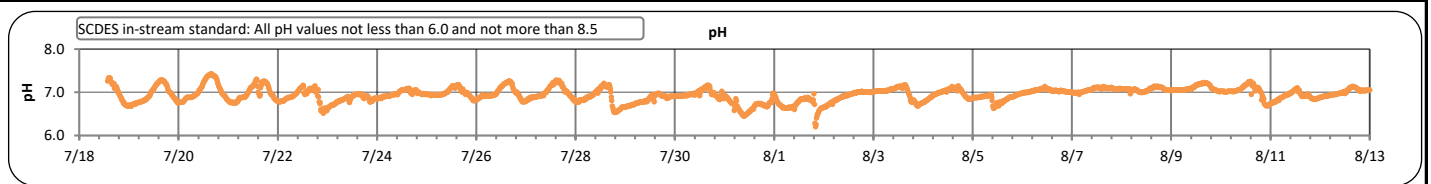
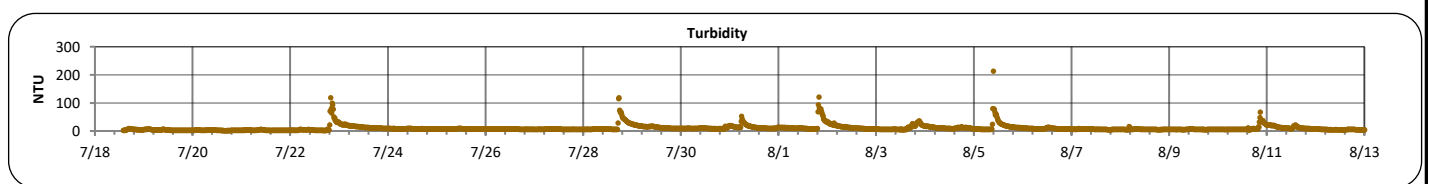
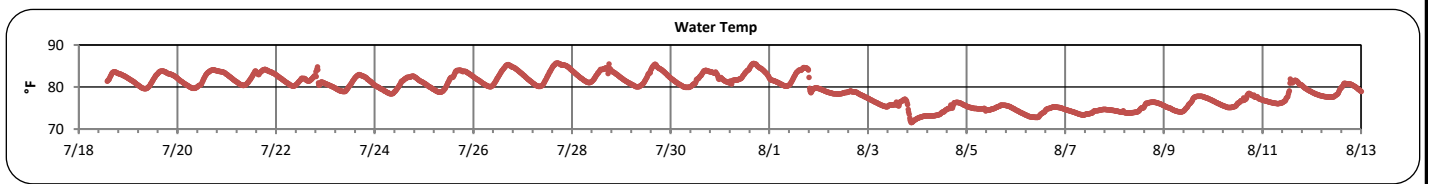
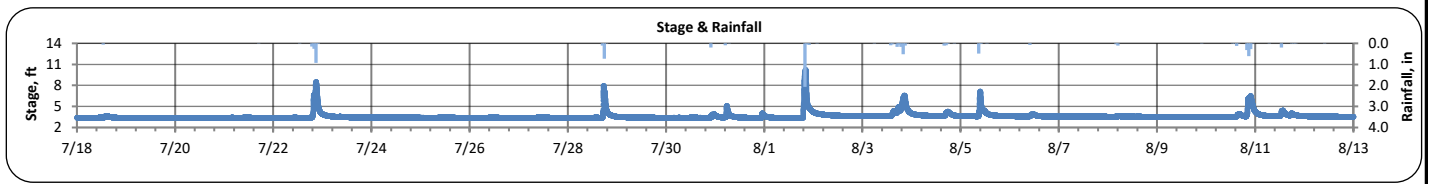
Potential illicit discharge visible in all water quality parameters, excluding dissolved oxygen, on 7/23 likely as a result of the regular backwash experienced at this location from the Maxcy Gregg Pool.



Continuous Water Quality Monitoring Periodic Report

Rocky Branch B (July 18, 2025 - August 13, 2025)

| PARAMETER | DESCRIPTION | CONTINUOUS WATER QUALITY PARAMETERS: | SUMMARY STATISTICS | | | | |
|---------------------------------|--------------------------------------|--------------------------------------|--------------------|------------------|-----------------|---------------|--------------------|
| | | | MINIMUM OBSERVED | MAXIMUM OBSERVED | MEDIAN OBSERVED | MEAN OBSERVED | STANDARD DEVIATION |
| STREAM NAME: | Rocky Branch | STAGE (FT): | 3.4 | 10.3 | 3.5 | 3.6 | 0.5 |
| LOCATION: | Olympia Ave Crossing | TEMPERATURE (°F): | 72 | 86 | 80 | 79 | 3 |
| ADDRESS: | 510 Heyward St Columbia, SC 29201 | TURBIDITY (NTU): | 2 | 214 | 7 | 10 | 11 |
| COORDINATES: | 33.982578, -81.035036 | pH: | 6.2 | 7.4 | 7.0 | 7.0 | 0.2 |
| TMDL/IMPAIRMENT: | Fecal Coliform | SPECIFIC CONDUCTIVITY (mS/cm): | 0.019 | 0.454 | 0.168 | 0.160 | 0.048 |
| NEIGHBORING LANDUSE: | Residential and commercial | DISSOLVED OXYGEN (mg/L): | 5.5 | 9.0 | 7.5 | 7.4 | 0.7 |
| SPATIAL LOCATION: | Most Downstream Site | | | | | | |
| TOTAL NO. STORMS OVER 0.1 INCH: | 12 | | | | | | |
| MAX. DAILY RAINFALL: | 2.2 inches | | | | | | |
| TOTAL RAINFALL (FOR PERIOD): | 8.6 inches | | | | | | |



Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

**Continuous Water Quality
Monitoring Periodic Report**

Rocky Branch B (July 18, 2025 - August 13, 2025)

Explanation of Statistics:

| | |
|---------------------------|--|
| MINIMUM OBSERVED | The minimum of the values recorded by the datasonde in 15 minute intervals. |
| MAXIMUM OBSERVED | The maximum of the values recorded by the datasonde in 15 minute intervals. |
| MEDIAN OBSERVED | The median of all the values recorded by the datasonde in 15 minute intervals. |
| MEAN OBSERVED | The average of all the values recorded by the datasonde in 15 minute intervals. |
| STANDARD DEVIATION | The standard deviation of all the values recorded by the datasonde in 15 minute intervals. |

Sampled Data: Four wet weather samples were collected during this monitoring period.

| Analyte (units) | Sample 1 | | Sample 2 | | Sample 3 | | Sample 4 | |
|--|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| | 8/11/2025 | | 8/11/2025 | | 8/11/2025 | | 8/11/2025 | |
| | Time | Results | Time | Results | Time | Results | Time | Results |
| <i>Escherichia coli</i> (MPN/100mL) | 11:30 | 1,630 | 12:45 | 2,590 | 13:45 | 3,000 | 14:50 | 3,060 |
| Total Suspended Solids (mg/L) | | | | | | | | |
| Total Lead (mg/L) | | | | | | | | |
| Total Nitrogen (mg/L) | | | | | | | | |

Notes:

Data Gaps

Calibration period occurred on 7/16-7/18. No data gaps occurred during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

Potential illicit discharge event visible in specific conductivity data on 7/23, most likely as a result from backwash conditions experienced upstream.