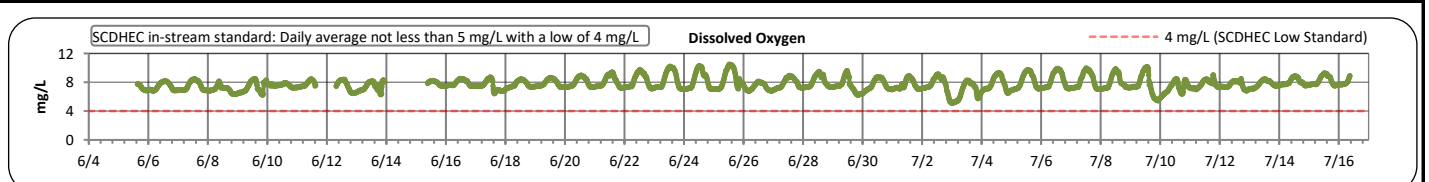
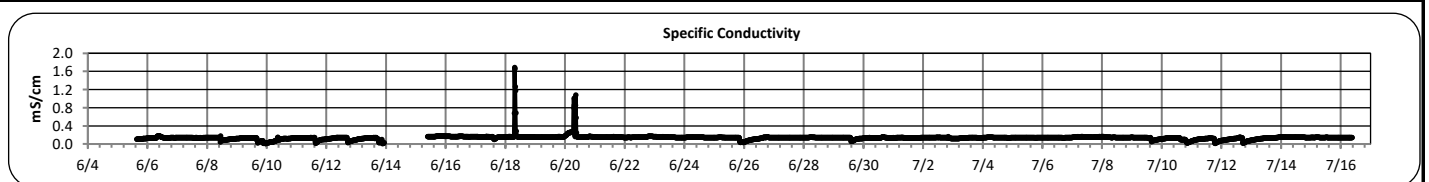
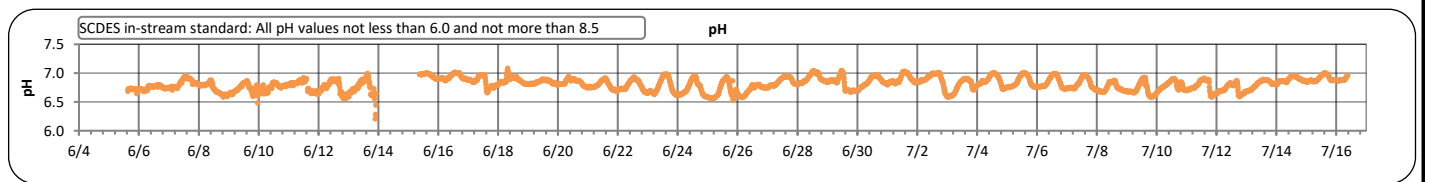
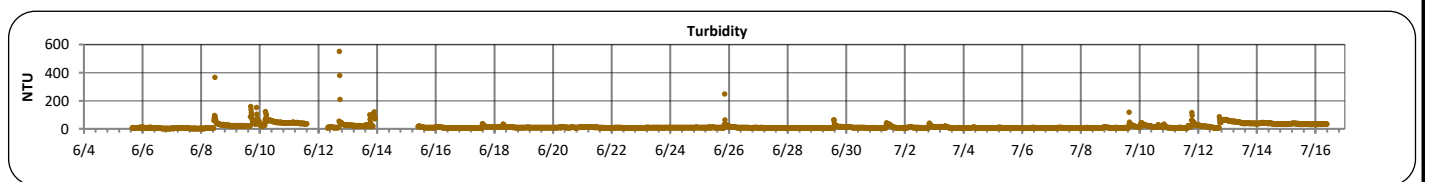
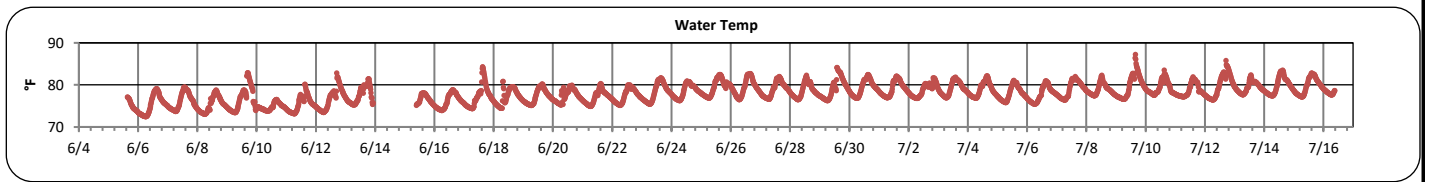
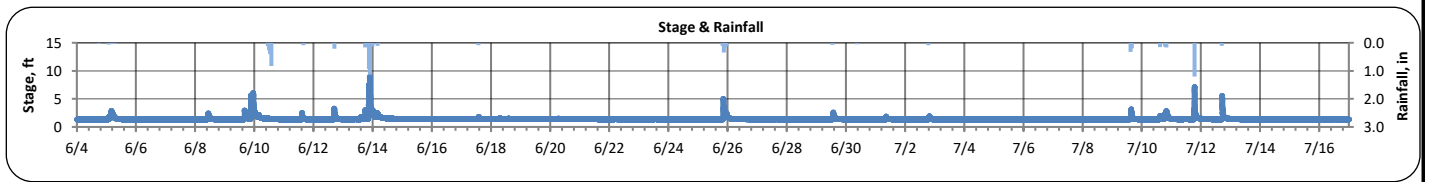




# Continuous Water Quality Monitoring Periodic Report

Rocky Branch A (June 4, 2025 - July 17, 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	9.0	1.4	1.5	0.4
LOCATION:	Maxcy Gregg Park	TEMPERATURE (°F):	72	87	78	78	2
ADDRESS:	1650 Park Circle Columbia, SC 29201	TURBIDITY (NTU):	3	552	10	17	20
COORDINATES:	33.995864, -81.021842	pH:	6.2	7.1	6.8	6.8	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.013	1.691	0.142	0.139	0.061
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.1	10.5	7.6	7.8	0.9
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	11						
MAX. DAILY RAINFALL:	2.5 inches						
TOTAL RAINFALL (FOR PERIOD):	8.4 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 (June 4, 2025 - July 17, 2025)**

**Explanation of Statistics:**

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

**Sampled Data:** No wet weather samples were collected during this monitoring period.

Analyte (units)								
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)								
Total Suspended Solids (mg/L)								
Total Lead (mg/L)								
Total Nitrogen (mg/L)								

**Notes:**

Data Gaps

Calibration periods occurred from 6/3-6/5 and 7/16-7/18. Data gap present in dissolved oxygen and turbidity data on 6/12 due to partial sonde impaction as a result of sediment accumulation. Additional data gap present within all water quality data on 6/14-6/15 due to complete sonde impaction as a result of excess sediment accumulation from previous rain events. During this timeframe, the data quality is poor and therefore not reported within this periodic report.

Potential Illicit Discharges and Abnormal Events:

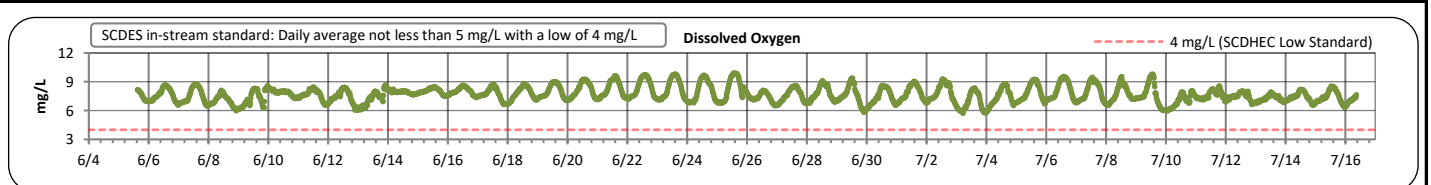
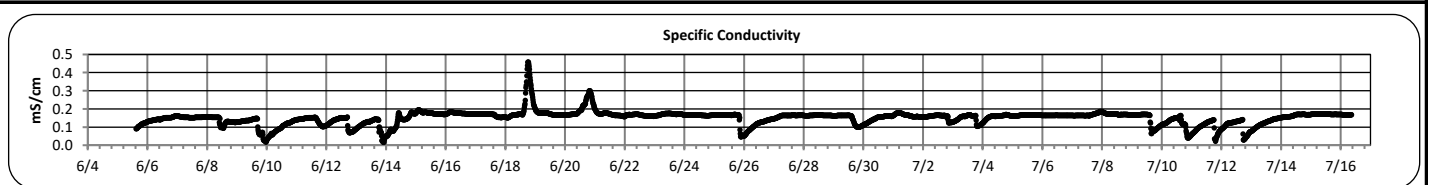
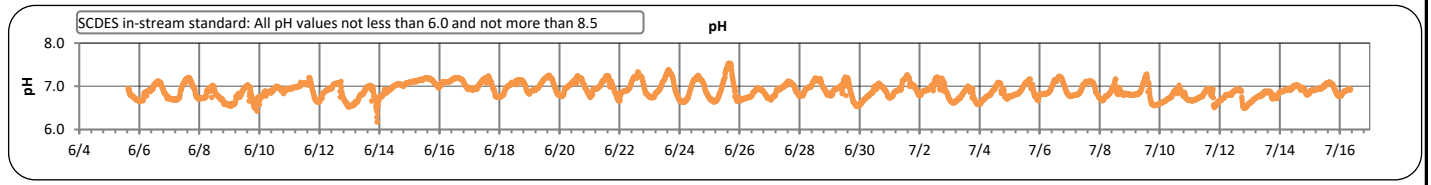
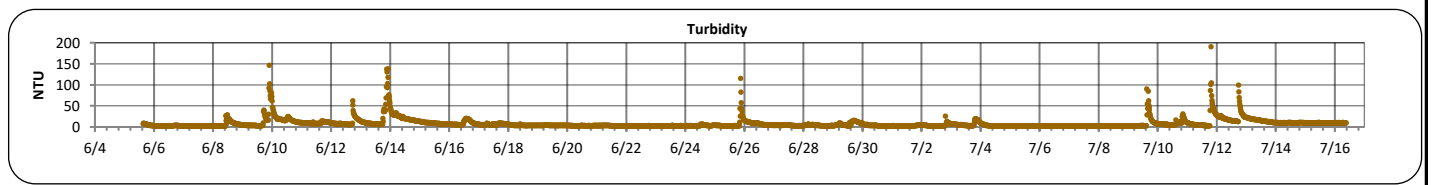
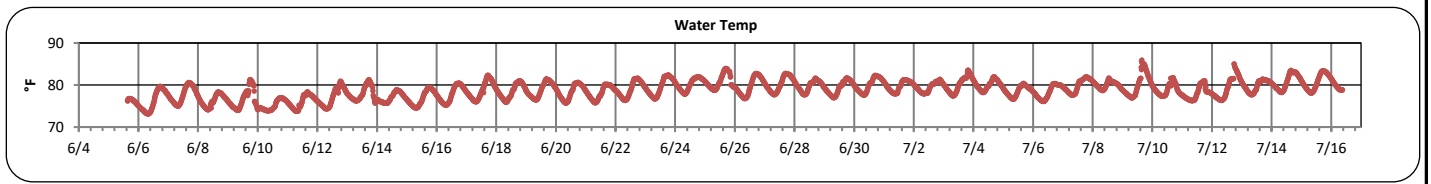
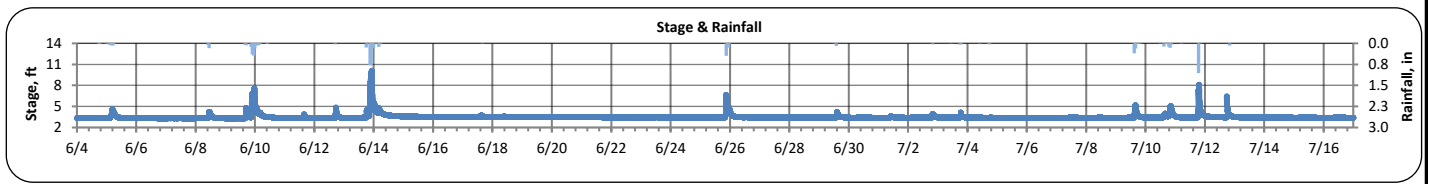
Potential illicit discharge visible in specific conductivity on 6/18 and 6/20, likely a result of the regular backflow experienced at this location from the Maxcy Gregg Pool.



# Continuous Water Quality Monitoring Periodic Report

Rocky Branch B (June 4, 2025 - July 17, 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):	3.3	10.2	3.4	3.5	0.4
LOCATION:	Olympia Ave Crossing	TEMPERATURE (°F):	73	86	79	79	2
ADDRESS:	510 Heyward St Columbia, SC 29201	TURBIDITY (NTU):	2	191	5	8	11
COORDINATES:	33.982578, -81.035036	pH:	6.2	7.5	6.9	6.9	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.017	0.459	0.163	0.151	0.038
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.8	9.9	7.6	7.7	0.8
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	10						
MAX. DAILY RAINFALL:	2.0 inches						
TOTAL RAINFALL (FOR PERIOD):	7.4 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 (June 4, 2025 - July 17, 2025)**

**Explanation of Statistics:**

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

**Sampled Data:** No wet weather samples were collected during this monitoring period.

Analyte (units)								
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)								
Total Suspended Solids (mg/L)								
Total Lead (mg/L)								
Total Nitrogen (mg/L)								

**Notes:**

Data Gaps

Calibration periods occurred from 6/3-6/5 and 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 6/18 and 6/20, most likely as a result from backflow conditions experienced upstream.