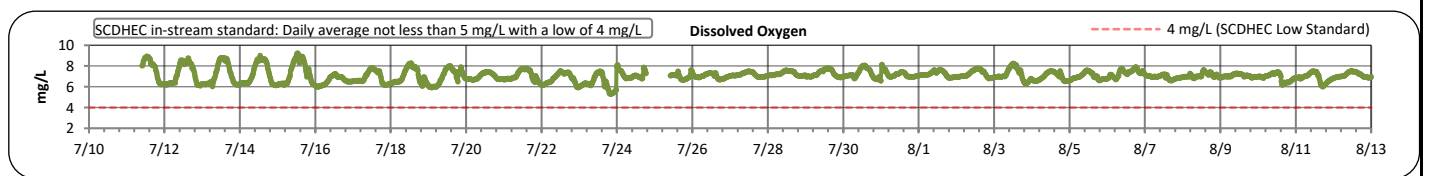
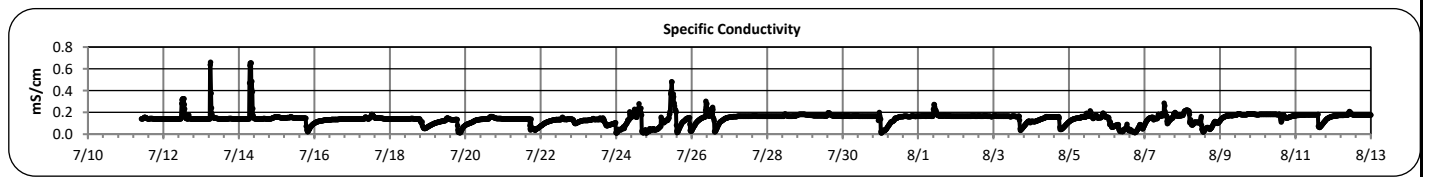
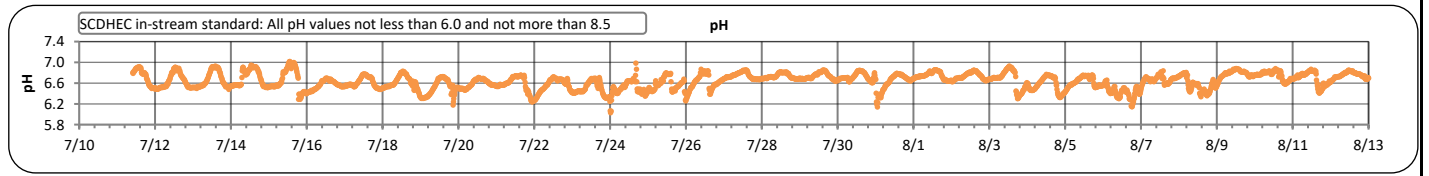
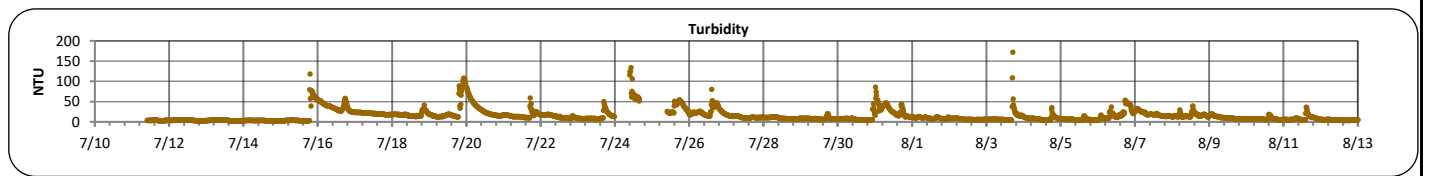
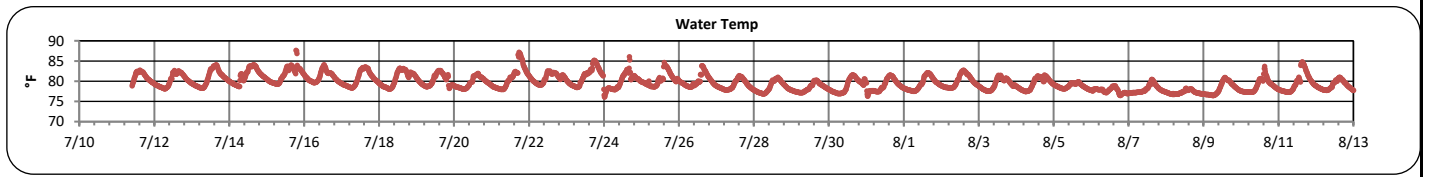
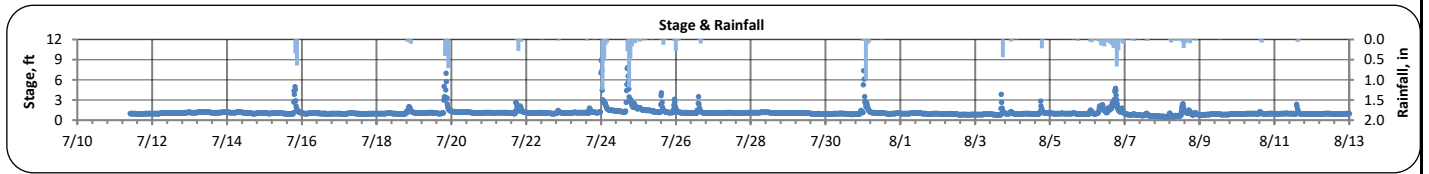


Continuous Water Quality Monitoring Periodic Report

Rocky Branch A (July 10, 2024 - August 13, 2024)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Rocky Branch	STAGE (FT):	0.5	9.0	1.0	1.1	0.6
LOCATION:	Maxcy Gregg Park	TEMPERATURE (°F):	76	88	79	80	2
ADDRESS:	1650 Park Circle Columbia, SC 29201	TURBIDITY (NTU):	3	172	10	15	15
COORDINATES:	33.995864, -81.021842	pH:	6.0	7.0	6.7	6.6	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.012	0.661	0.148	0.144	0.051
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.3	9.3	7.1	7.1	0.6
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	9						
MAX. DAILY RAINFALL:	4.3 inches						
TOTAL RAINFALL (FOR PERIOD):	14.4 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 (July 10, 2024 - August 13, 2024)

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: No 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 Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

Calibration period occurred from 7/9-7/11. There is a turbidity data gap on 7/24 and 7/25 as well as a dissolved oxygen data gap on 7/24-7/25 due to sensor fouling.

Potential Illicit Discharges and Abnormal Events:

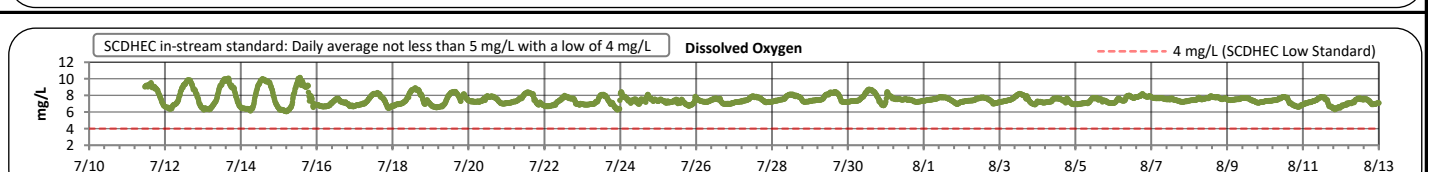
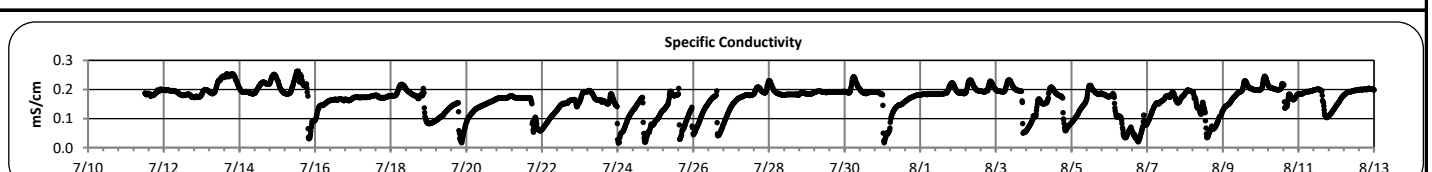
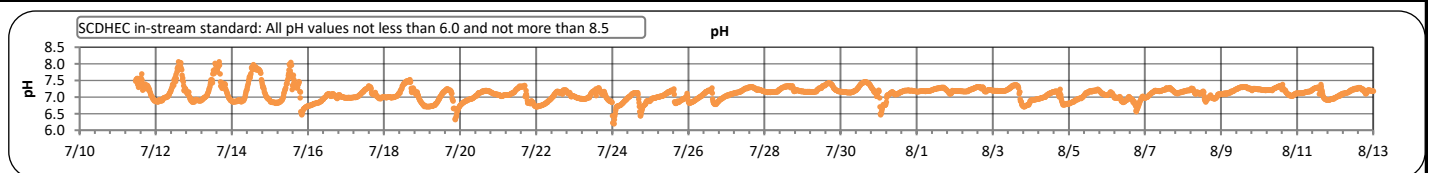
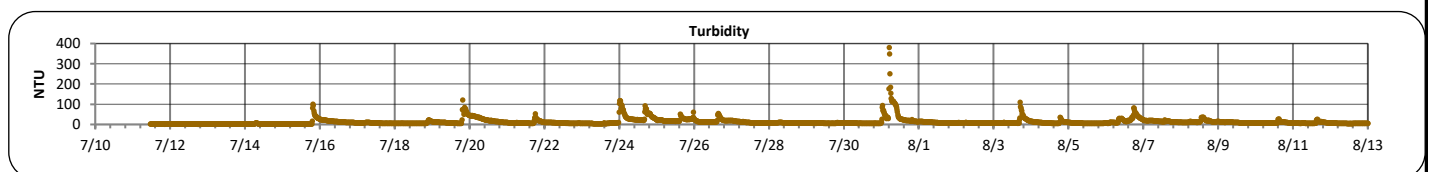
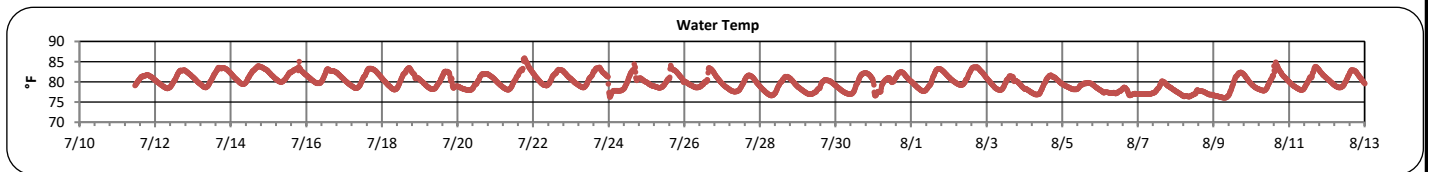
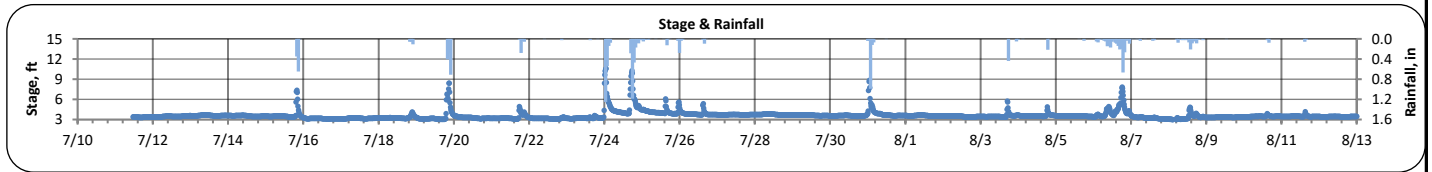
No abnormal events were observed during this monitoring period.

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 10, 2024 - August 13, 2024)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Rocky Branch	STAGE (FT):	3.0	10.6	3.5	3.6	0.6
LOCATION:	Olympia Ave Crossing	TEMPERATURE (°F):	76	86	80	80	2
ADDRESS:	510 Heyward St Columbia, SC 29201	TURBIDITY (NTU):	2	381	9	14	18
COORDINATES:	33.982578, -81.035036	pH:	6.2	8.1	7.1	7.1	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.017	0.264	0.179	0.164	0.048
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.1	10.2	7.4	7.5	0.7
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	8						
MAX. DAILY RAINFALL:	4.3 inches						
TOTAL RAINFALL (FOR PERIOD):	14.4 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 (July 10, 2024 - August 13, 2024)

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: No 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 Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

Calibration period occurred from 7/9-7/11.

Potential Illicit Discharges and Abnormal Events:

No abnormal events were observed during this monitoring period.

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