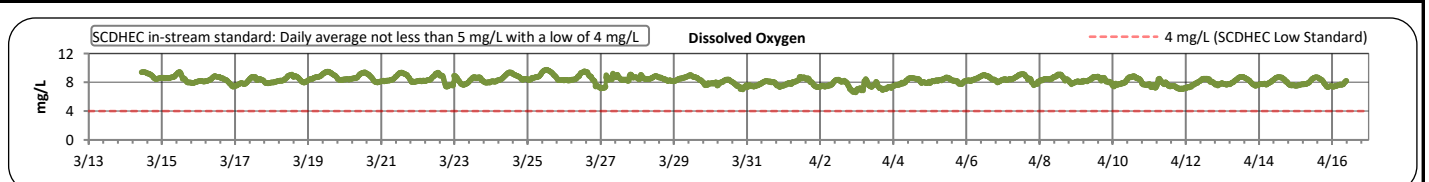
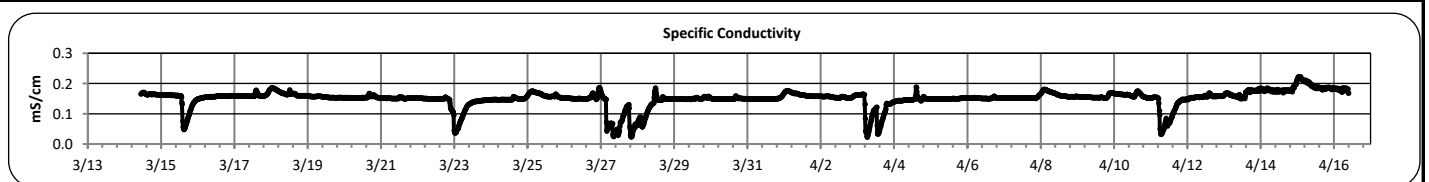
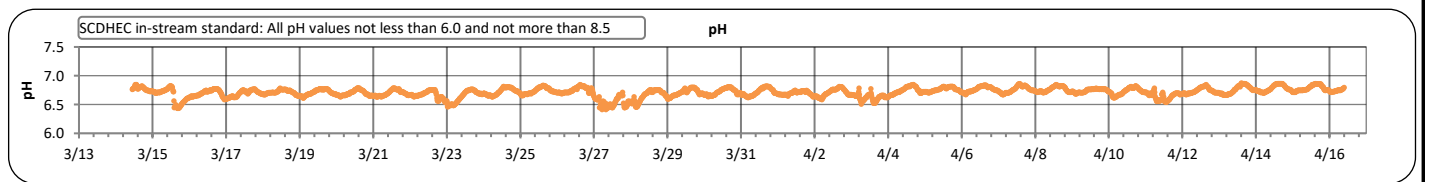
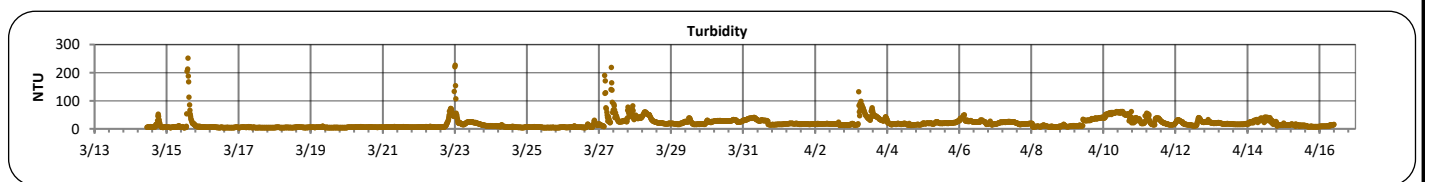
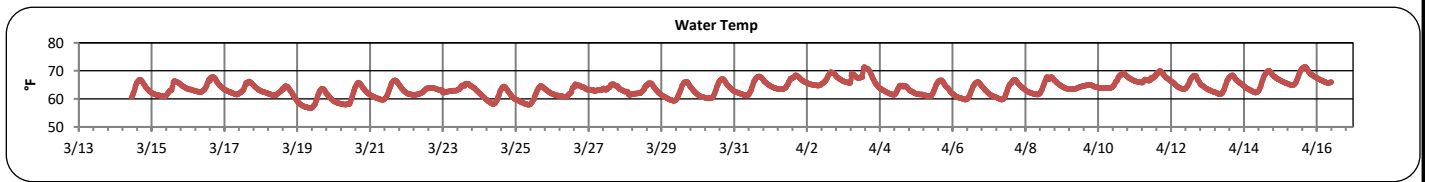
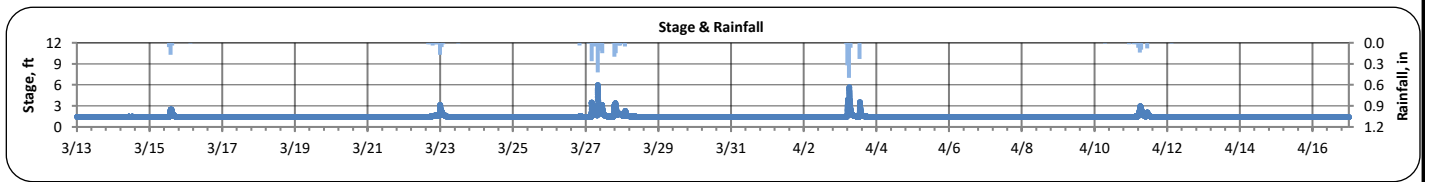


Continuous Water Quality Monitoring Periodic Report

Rocky Branch A (March 13, 2024 - April 16, 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):	1.4	6.0	1.4	1.5	0.2
LOCATION:	Maxcy Gregg Park	TEMPERATURE (°F):	57	71	64	64	3
ADDRESS:	1650 Park Circle Columbia, SC 29201	TURBIDITY (NTU):	4	252	16	20	19
COORDINATES:	33.995864, -81.021842	pH:	6.4	6.9	6.7	6.7	0.1
TMD/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.023	0.222	0.154	0.151	0.028
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.6	9.8	8.3	8.3	0.5
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	6						
MAX. DAILY RAINFALL:	1.5 inches						
TOTAL RAINFALL (FOR PERIOD):	3.9 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 (March 13, 2024 - April 16, 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: All samples were collected during wet weather conditions.

Analyte (units)	Sample 1		Sample 2					
	4/11/2024		4/11/2024					
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	7:43	20,900	8:32	13,700				
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

There were no data gaps during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

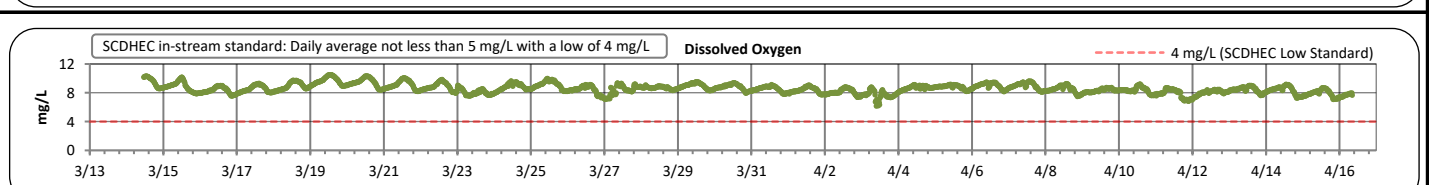
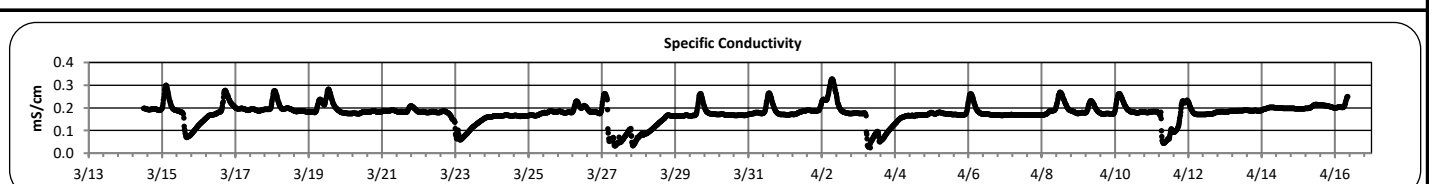
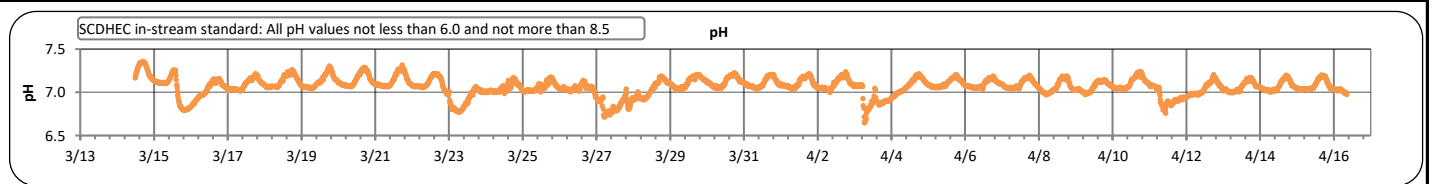
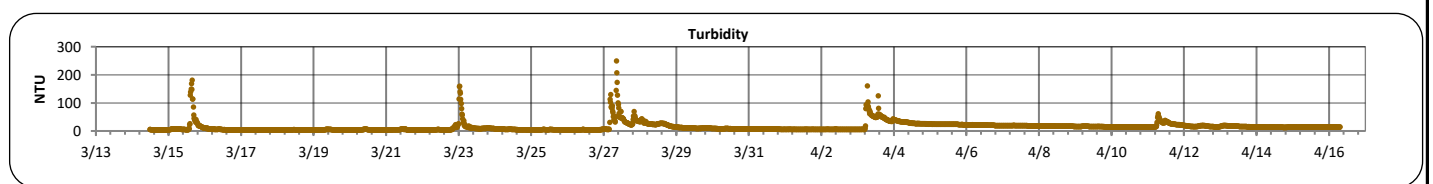
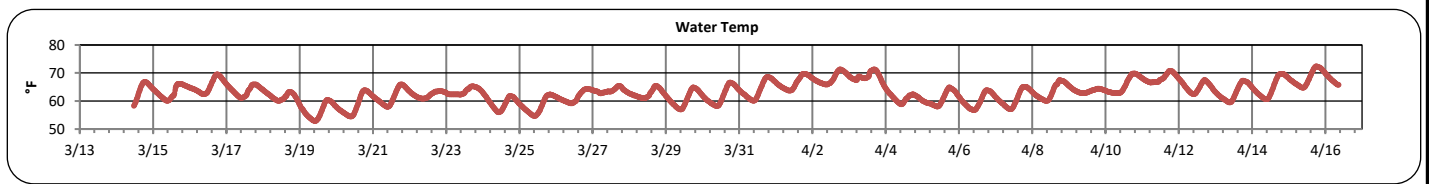
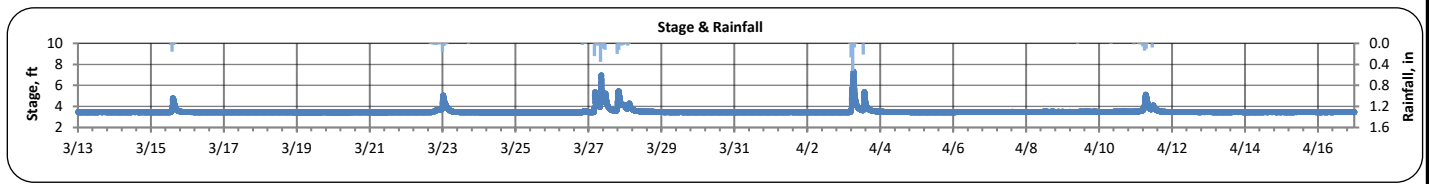
Specific conductivity increased several times during the monitoring period, which may have been a result of fountain backwash or potential illicit discharges.

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 (March 13, 2024 - April 16, 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):	3.4	7.3	3.5	3.5	0.3
LOCATION:	Olympia Ave Crossing	TEMPERATURE (°F):	53	72	63	63	4
ADDRESS:	510 Heyward St Columbia, SC 29201	TURBIDITY (NTU):	3	249	11	15	17
COORDINATES:	33.982578, -81.035036	pH:	6.7	7.4	7.1	7.1	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.024	0.327	0.180	0.176	0.042
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.2	10.6	8.6	8.6	0.7
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	1.3 inches						
TOTAL RAINFALL (FOR PERIOD):	3.7 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 (March 13, 2024 - April 16, 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: All samples were collected during wet weather conditions.

Analyte (units)	Sample 1		Sample 2					
	4/11/2024		4/11/2024					
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	7:55	13,000	8:42	11,600				
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

There were no data gaps during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

Specific conductivity increased several times during the monitoring period, which may have been a result of potential illicit discharges or broken waterline(s).

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