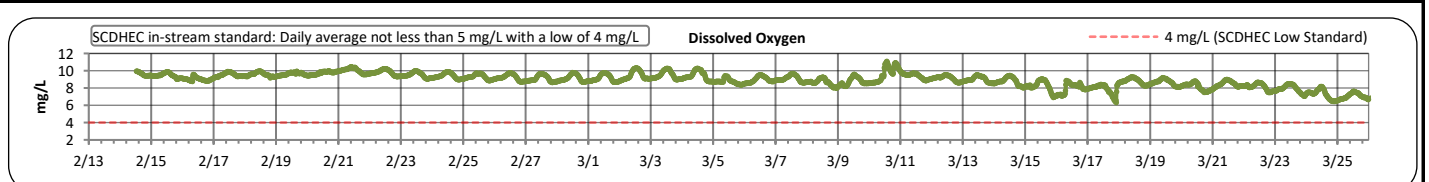
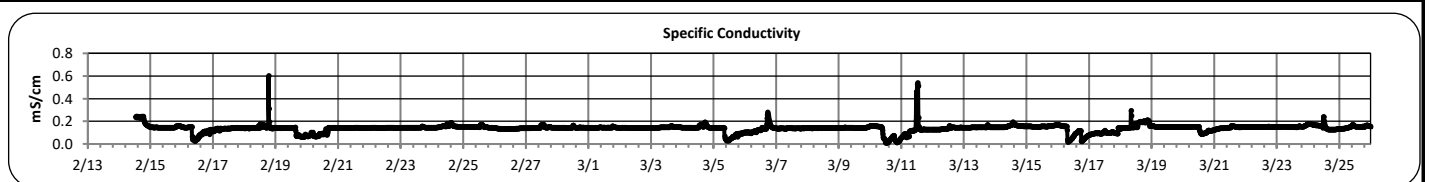
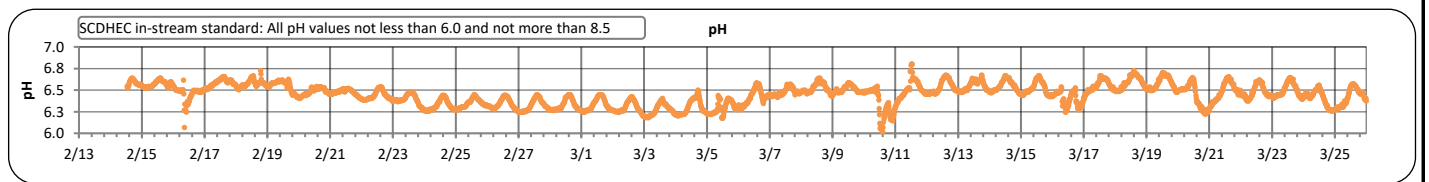
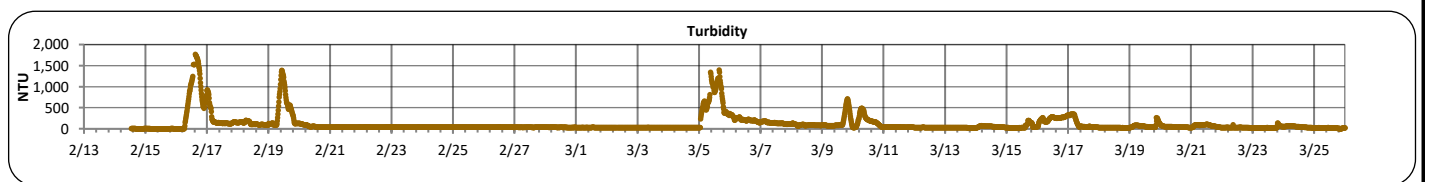
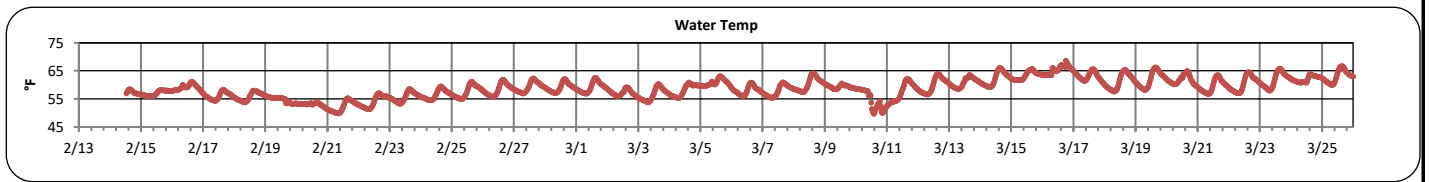
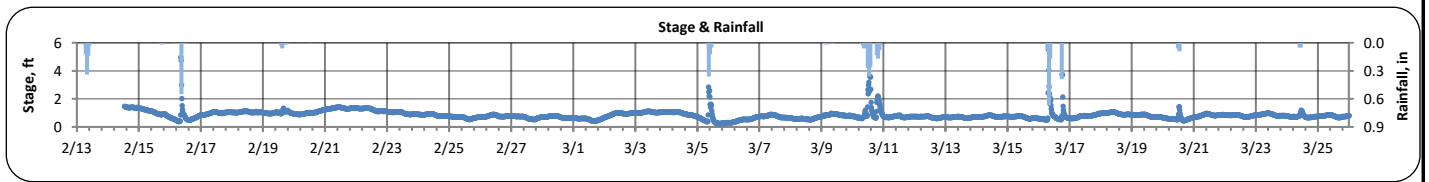


Continuous Water Quality Monitoring Periodic Report

Rocky Branch A (February 13, 2025 - March 26, 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):	0.2	5.5	0.8	0.9	0.3
LOCATION:	Maxcy Gregg Park	TEMPERATURE (°F):	50	69	59	59	4
ADDRESS:	1650 Park Circle Columbia, SC 29201	TURBIDITY (NTU):	3	1,774	41	114	209
COORDINATES:	33.995864, -81.021842	pH:	6.0	6.8	6.5	6.5	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.009	0.600	0.144	0.139	0.034
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.4	11.1	9.1	9.0	0.8
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	9						
MAX. DAILY RAINFALL:	1.4 inches						
TOTAL RAINFALL (FOR PERIOD):	5.1 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 (February 13, 2025 - March 26, 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	
	2/19/2025		2/19/2025		2/19/2025		3/24/2025	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	14:30	272	11:45	37	12:50	399	11:55	3,450
Total Suspended Solids (mg/L)								
Total Lead (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

Calibration period occurred from 2/12-2/14.

Potential Illicit Discharges and Abnormal Events:

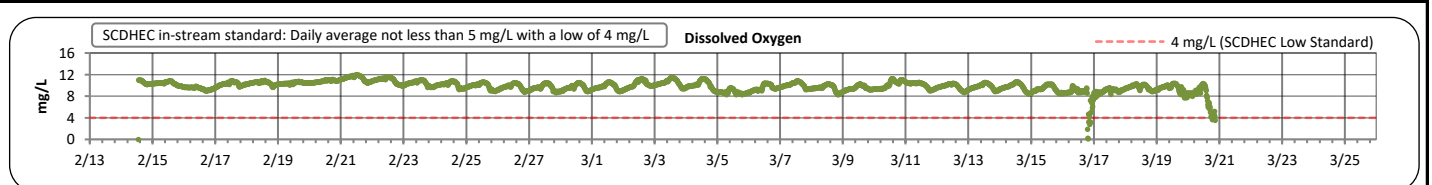
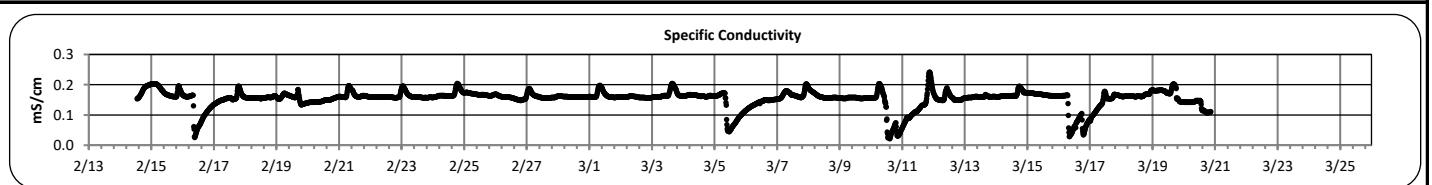
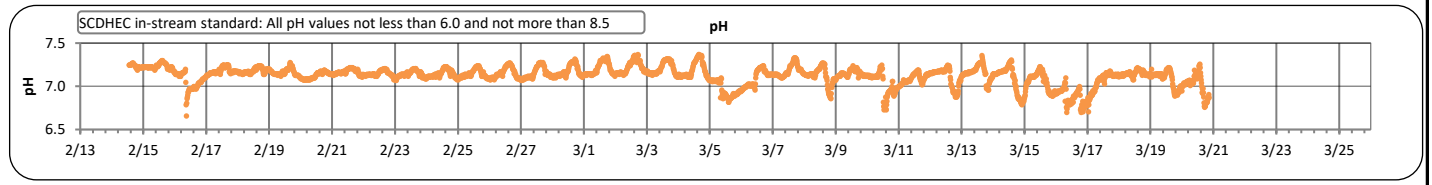
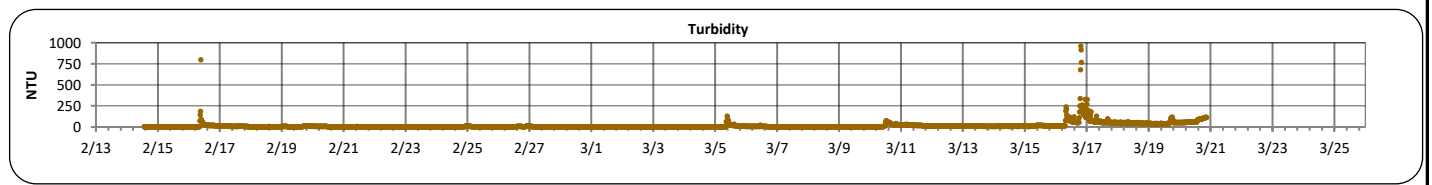
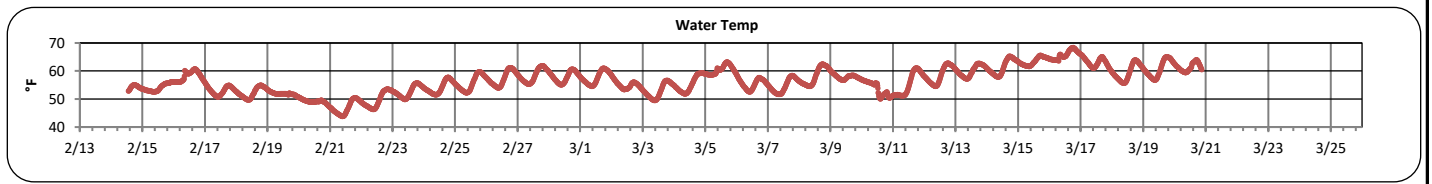
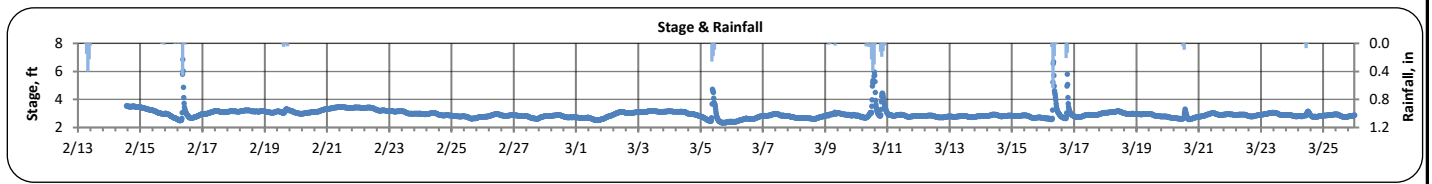
Potential illicit discharge visible in specific conductivity and turbidity data on 2/19 during this monitoring period, source unknown.

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 (February 13, 2025 - March 26, 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):	2.3	6.9	2.9	3.0	0.3
LOCATION:	Olympia Ave Crossing	TEMPERATURE (°F):	44	68	56	57	5
ADDRESS:	510 Heyward St Columbia, SC 29201	TURBIDITY (NTU):	3	962	5	18	42
COORDINATES:	33.982578, -81.035036	pH:	6.7	7.4	7.1	7.1	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.021	0.242	0.160	0.154	0.030
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	0.1	12.0	10.0	9.9	1.0
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	8						
MAX. DAILY RAINFALL:	1.6 inches						
TOTAL RAINFALL (FOR PERIOD):	13.6 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 (February 13, 2025 - March 26, 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: Six wet weather samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4		Sample 5		Sample 6	
	2/17/2025		2/17/2025		2/19/2025		2/19/2025		2/19/2025		3/24/2025	
	Time	Results	Time	Results	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	2:00	30	2:10	33	12:00	106	13:10	167	14:10	172	12:45	558
Total Suspended Solids (mg/L)												
Total Lead (mg/L)												
Total Nitrogen (mg/L)												

Notes:

Data Gaps

Calibration period occurred from 2/12-2/14. Sonde potentially impacted from 3/21 through the end of the monitoring period, all data was removed during this time frame excluding rainfall and stage.

Potential Illicit Discharges and Abnormal Events:

No potential illicit discharge events visible during this monitoring period.

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