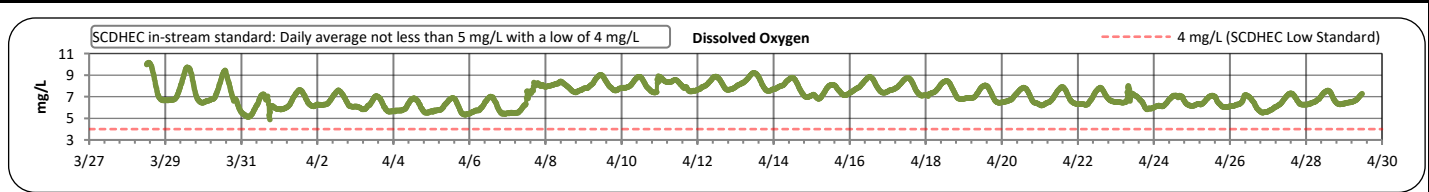
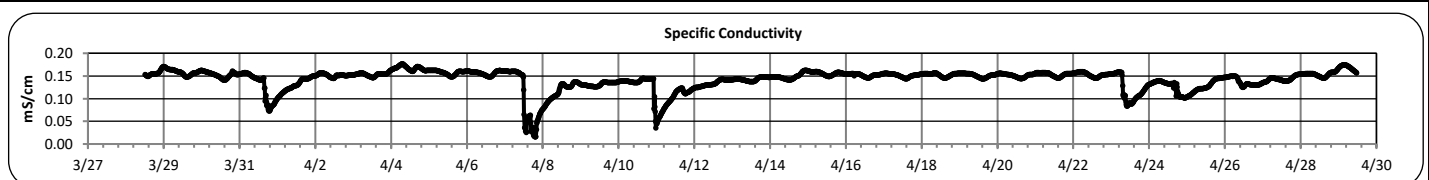
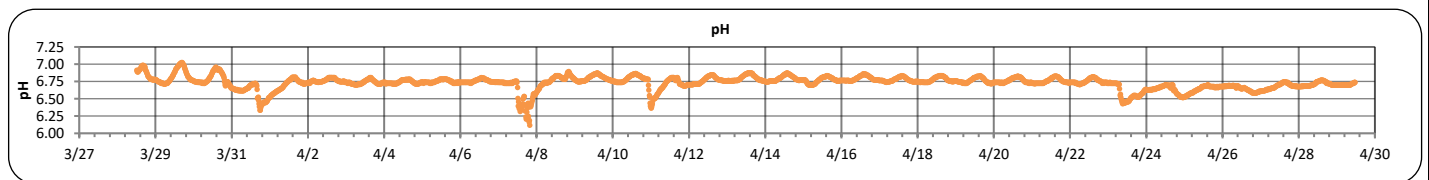
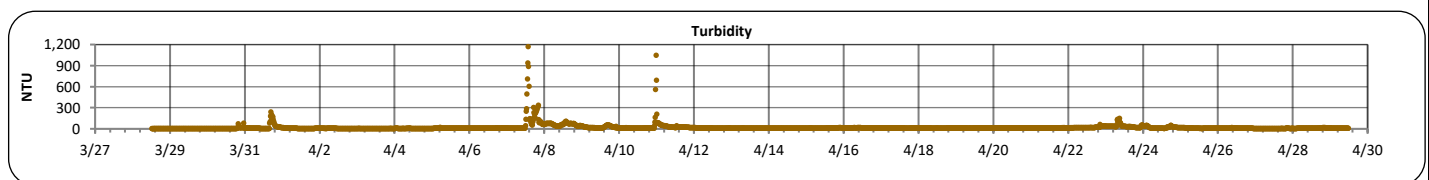
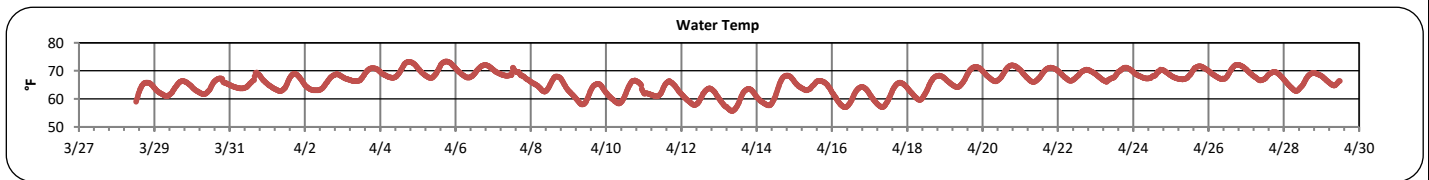
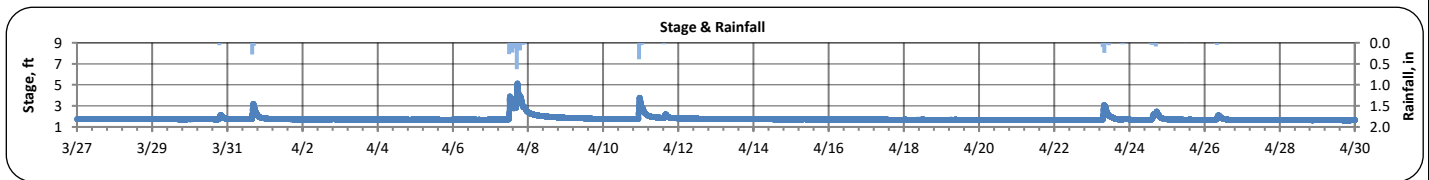




Continuous Water Quality Monitoring Periodic Report

Smith Branch A (March 27, 2025 - April 30, 2025)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Smith Branch	STAGE (FT):	1.7	5.2	1.7	1.8	0.3
LOCATION:	Earlewood Park	TEMPERATURE (°F):	56	73	66	66	4
ADDRESS:	1111 Parkside Dr Columbia, SC 29201	TURBIDITY (NTU):	4	1,172	12	21	51
COORDINATES:	34.027289,-81.04265	pH:	6.1	7.0	6.8	6.7	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.016	0.176	0.149	0.143	0.022
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.9	10.2	7.0	7.1	1.0
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	5						
MAX. DAILY RAINFALL:	1.9 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**

Smith Branch A (March 27, 2025 - April 30, 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: Two wet weather samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2					
	4/7/2025		4/7/2025					
	Time	Result	Time	Result	Time	Result	Time	Result
<i>Escherichia coli</i> (MPN/100mL)	11:06	2,420	13:14	15,400				
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

Calibration period occurred from 3/26-3/28.

Potential Illicit Discharges and Abnormal Events:

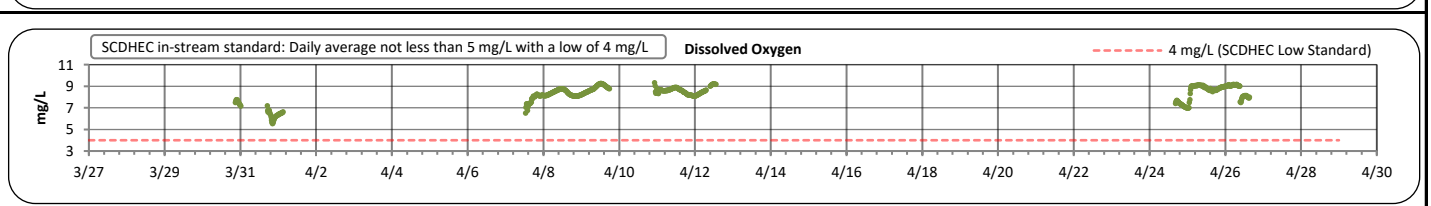
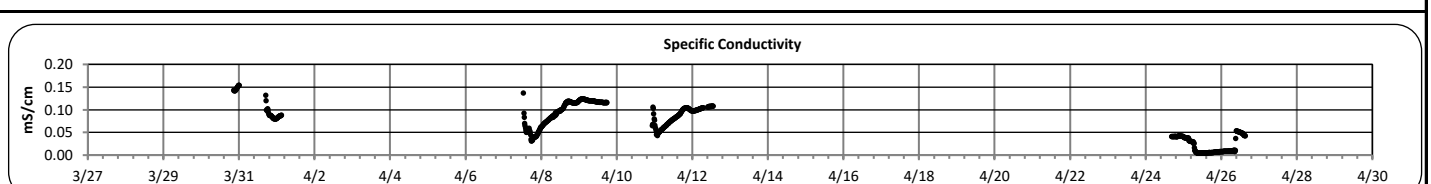
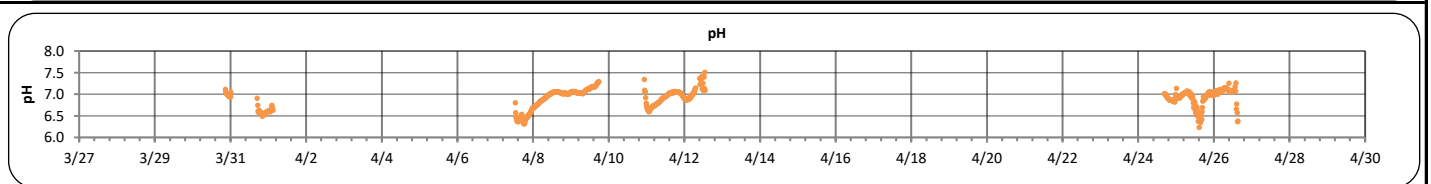
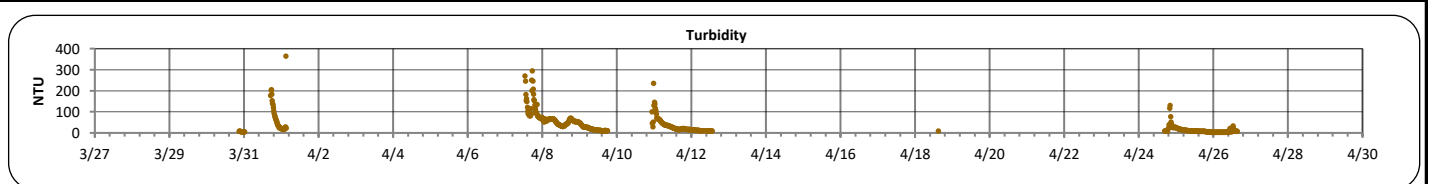
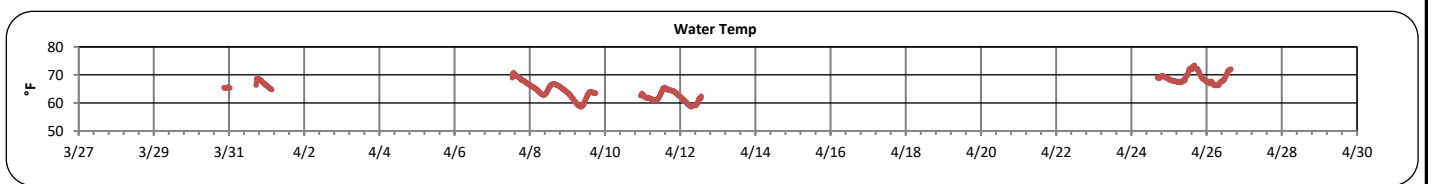
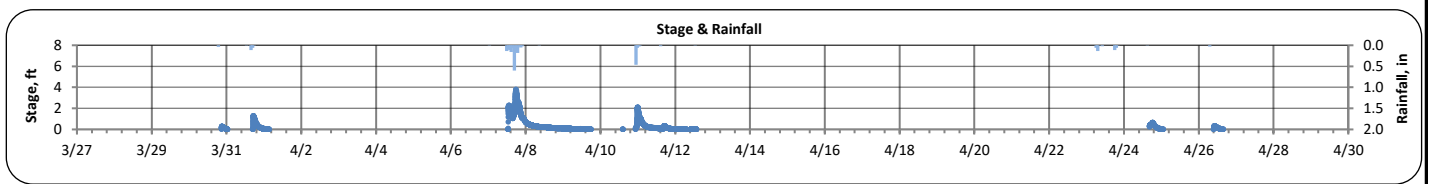
No potential illicit discharge events visible during this monitoring period.



Continuous Water Quality Monitoring Periodic Report

Smith Branch B (March 27, 2025 - April 30, 2025)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Smith Branch	STAGE (FT):	0.0	3.8	0.2	0.4	0.6
LOCATION:	Off Mountain Drive	TEMPERATURE (°F):	59	73	66	66	3
NEAREST ADDRESS:	3950 Clement Rd Columbia, SC 29203	TURBIDITY (NTU):	4	366	20	37	44
COORDINATES:	34.037933,-81.0591	pH:	6.2	7.5	7.0	6.9	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.004	0.154	0.080	0.071	0.041
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.6	9.3	8.5	8.3	0.8
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	1.6 inches						
TOTAL RAINFALL (FOR PERIOD):	3.2 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**

Smith Branch B (March 27, 2025 - April 30, 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: Two wet weather samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2					
	4/7/2025		4/7/2025					
	Time	Result	Time	Result	Time	Result	Time	Result
<i>Escherichia coli</i> (MPN/100mL)	10:53	1,050	13:04	4,960				
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

Calibration period occurred from 3/26-3/28. Multiple data gaps present in all water quality parameters due to high temperature and low rainfall amounts causing multiple instances of sonde unsubmergence during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

No potential illicit discharge events visible during this monitoring period.