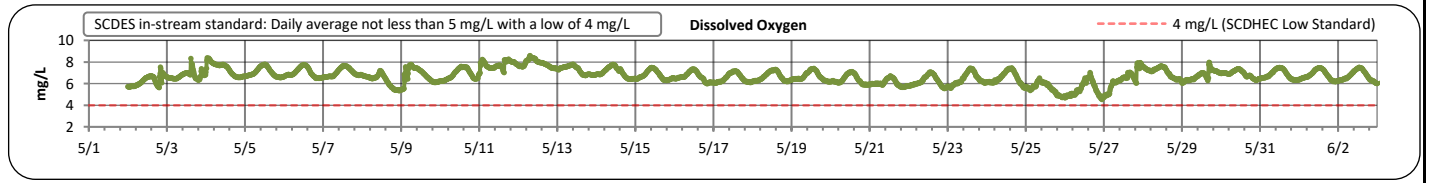
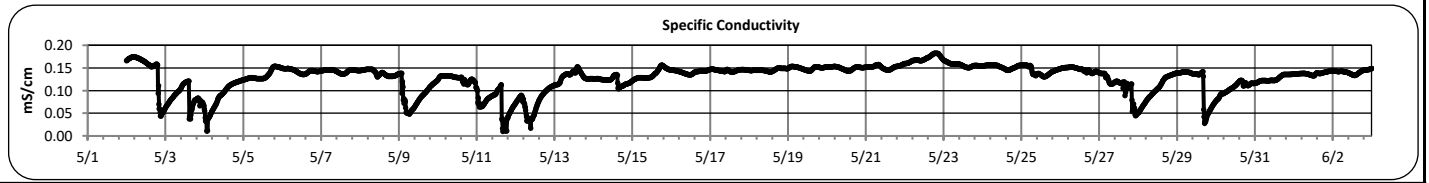
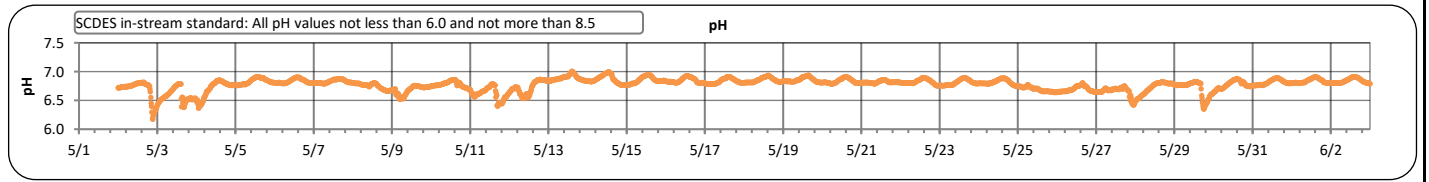
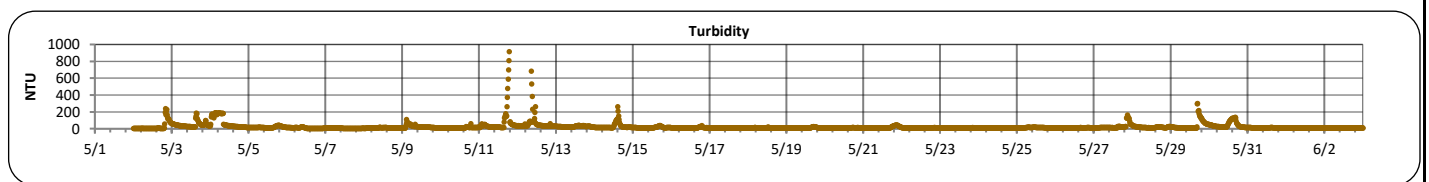
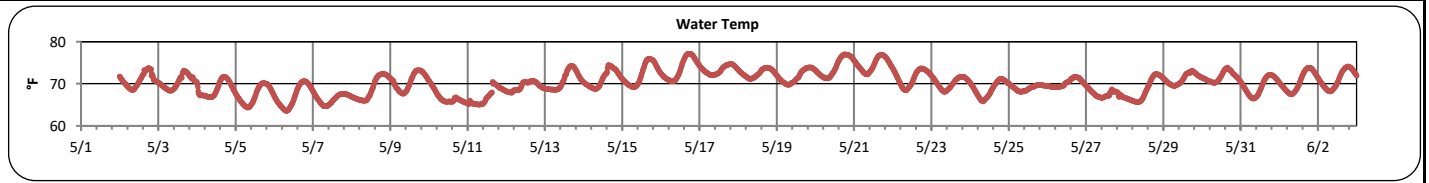
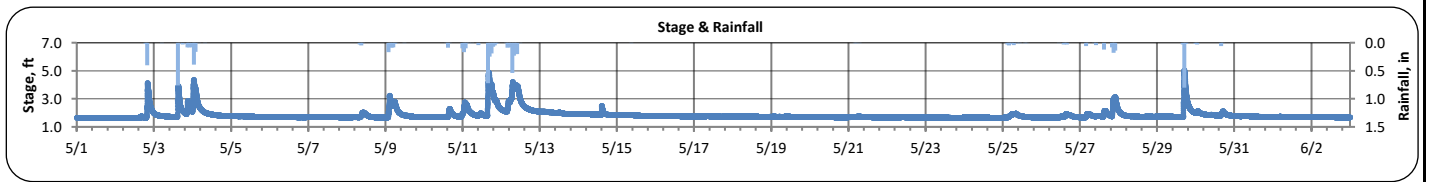




Continuous Water Quality Monitoring Periodic Report

Smith Branch A (May 1, 2025 - June 3, 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):	1.6	5.1	1.7	1.8	0.4
LOCATION:	Earlewood Park	TEMPERATURE (°F):	64	77	70	70	3
ADDRESS:	1111 Parkside Dr Columbia, SC 29201	TURBIDITY (NTU):	5	918	13	24	44
COORDINATES:	34.027289,-81.04265	pH:	6.2	7.0	6.8	6.8	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.010	0.183	0.138	0.129	0.030
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.6	8.6	6.7	6.7	0.7
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	11						
MAX. DAILY RAINFALL:	1.6 inches						
TOTAL RAINFALL (FOR PERIOD):	7.7 inches						



**Continuous Water Quality
Monitoring Periodic Report**

Smith Branch A (May 1, 2025 - June 3, 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	
	5/12/2025		5/12/2025		5/12/2025		5/12/2025	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	8:50	9,220	10:25	12,300	12:20	11,000	14:00	14,500
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

Calibration period occurred 4/29-5/2. No data gaps were present during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

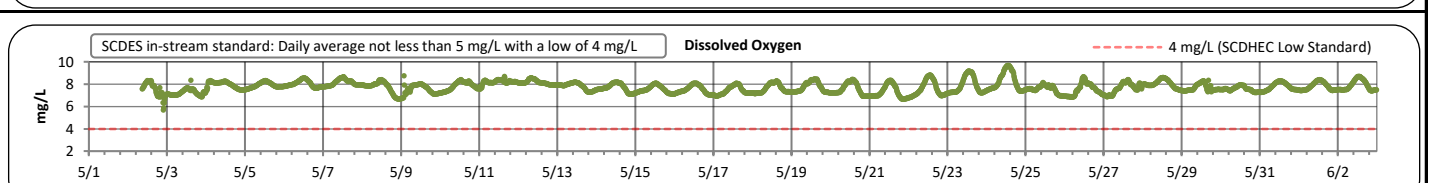
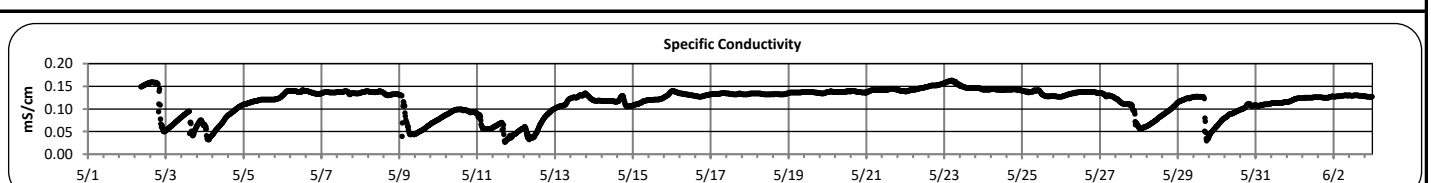
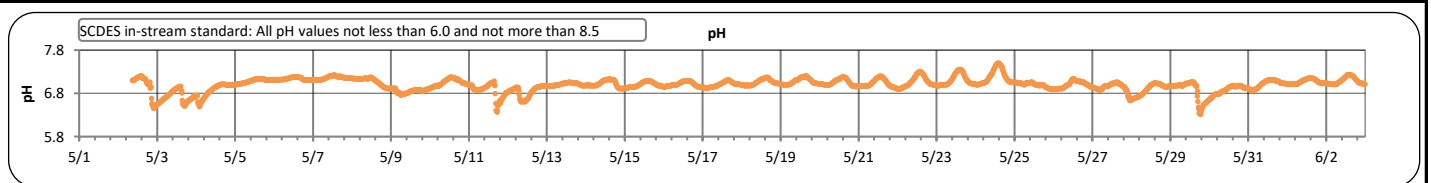
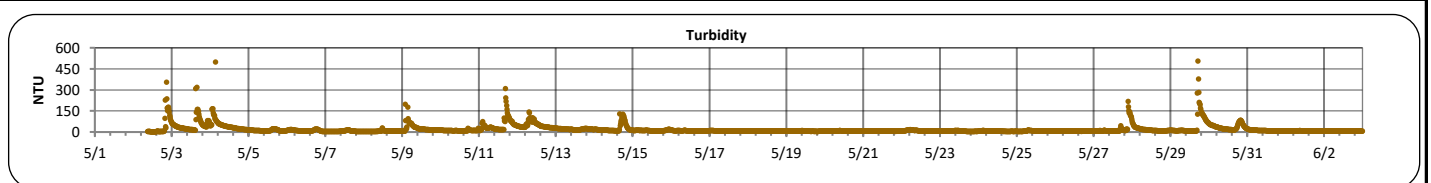
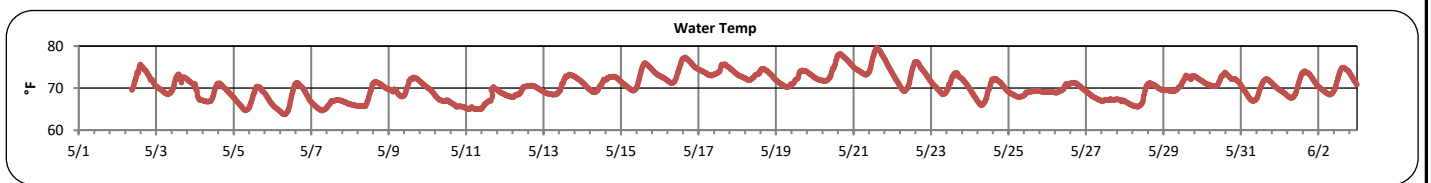
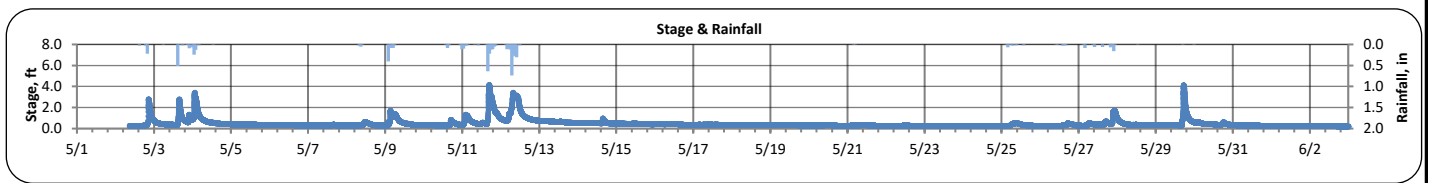
Potential illicit discharge visible in all water quality data and stage data on 5/14, source unknown.



Continuous Water Quality Monitoring Periodic Report

Smith Branch B (May 1, 2025 - June 3, 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	4.2	0.3	0.5	0.4
LOCATION:	Off Mountain Drive	TEMPERATURE (°F):	64	80	0	70	3
NEAREST ADDRESS:	3950 Clement Rd Columbia, SC 29203	TURBIDITY (NTU):	4	508	10	20	32
COORDINATES:	34.037933,-81.0591	pH:	6.3	7.5	7.0	7.0	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.027	0.163	0.128	0.116	0.030
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.7	9.7	7.8	7.8	0.5
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	11						
MAX. DAILY RAINFALL:	1.9 inches						
TOTAL RAINFALL (FOR PERIOD):	7.7 inches						



**Continuous Water Quality
Monitoring Periodic Report**

Smith Branch B (May 1, 2025 - June 3, 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	
	5/12/2025		5/12/2025		5/12/2025		5/12/2025	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:00	9,770	10:40	9,220	12:30	10,300	14:10	17,300
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

Calibration period occurred 4/29-5/2. No data gaps present during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

Potential illicit discharge visible in all water quality data and stage data on 5/14, source unknown.