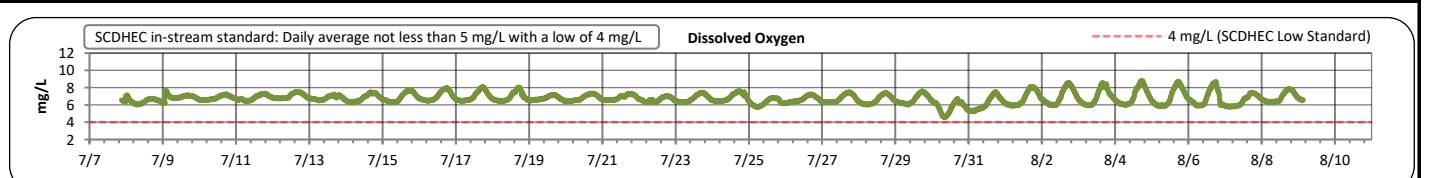
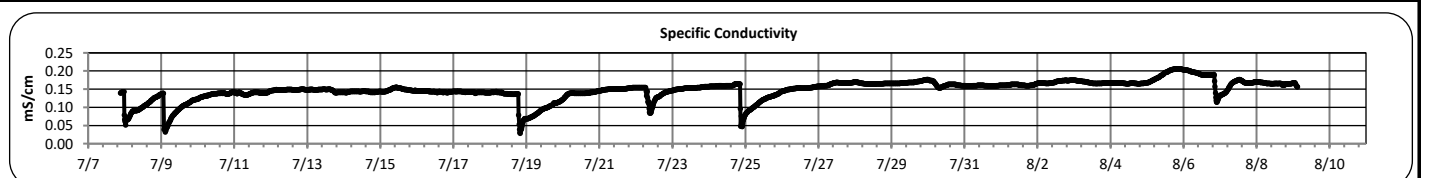
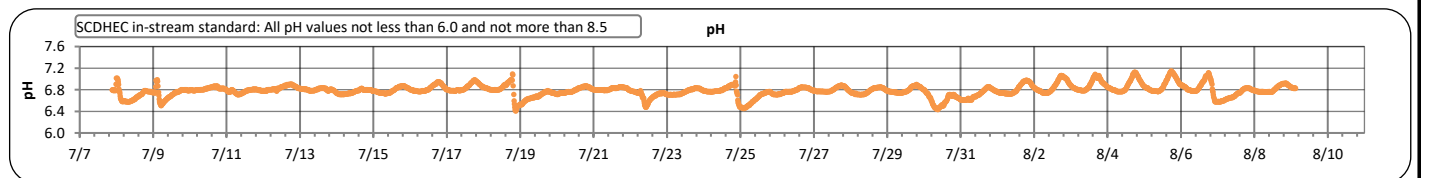
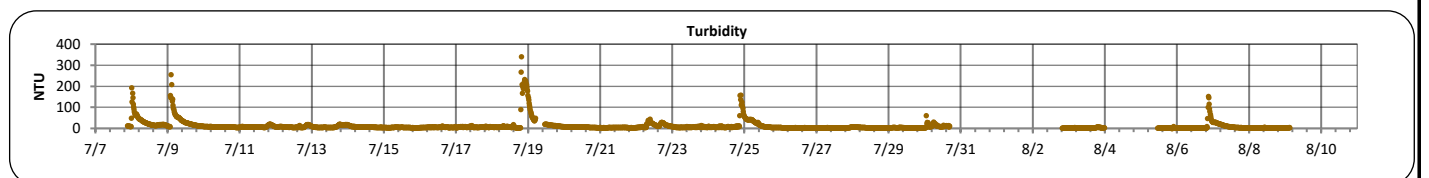
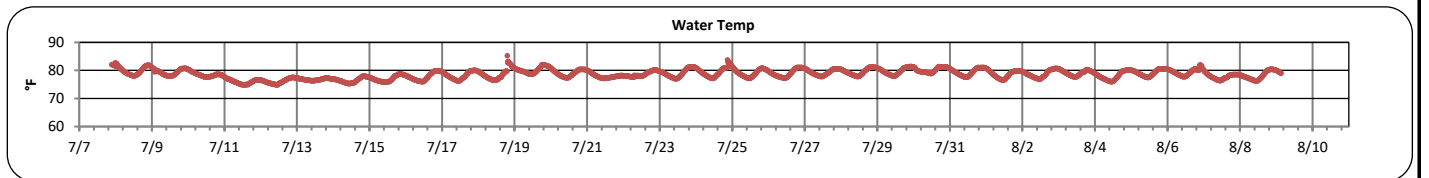
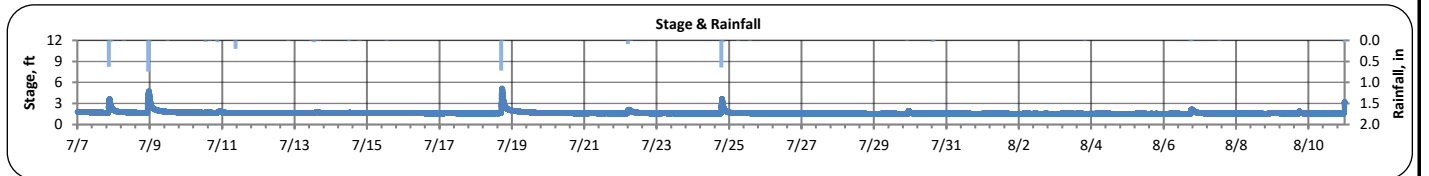


Continuous Water Quality Monitoring Periodic Report

Smith Branch A (July 7, 2022 - August 10, 2022)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Smith Branch	STAGE (FT):	1.5	5.2	1.6	1.7	0.2
LOCATION:	Earlewood Park	TEMPERATURE (°F):	75	85	79	79	2
ADDRESS:	1111 Parkside Dr Columbia, SC 29201	TURBIDITY (NTU):	1	341	6	12	25
COORDINATES:	34.027289,-81.04265	pH:	6.4	7.2	6.8	6.8	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.028	0.207	0.151	0.148	0.026
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.6	8.8	6.7	6.8	0.6
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	6						
MAX. DAILY RAINFALL:	0.8 inches						
TOTAL RAINFALL (FOR PERIOD):	0.4 398.000						



**Continuous Water Quality
Monitoring Periodic Report**

Smith Branch A (July 7, 2022 - August 10, 2022)

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)					Sample 3			
	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

There were various gaps in turbidity data from July 30th-August 2nd and August 3rd-5th due to fouling of the sensor. Dissolved oxygen data was not collected due to sensor repairs.

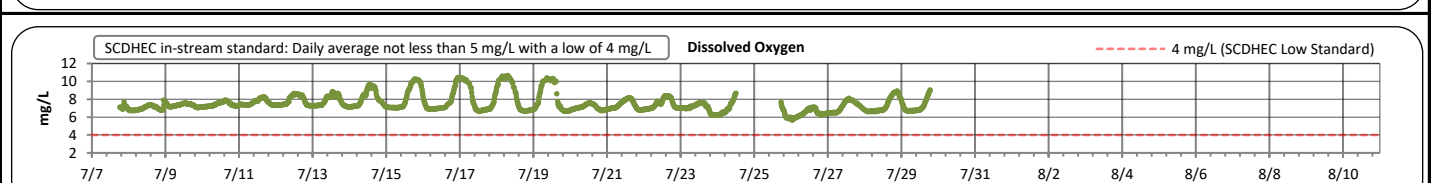
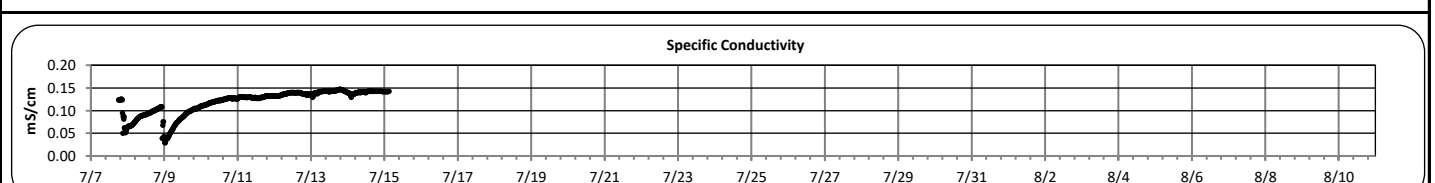
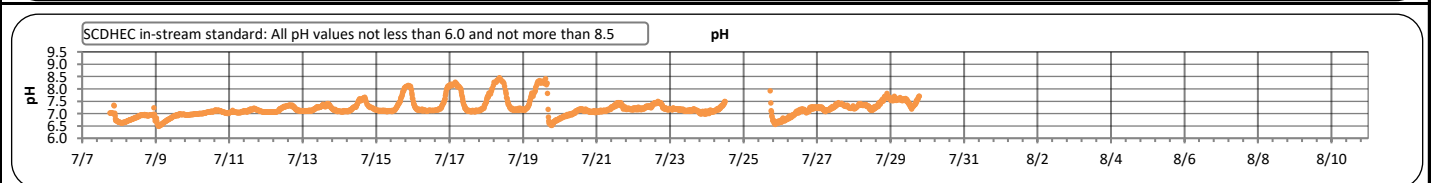
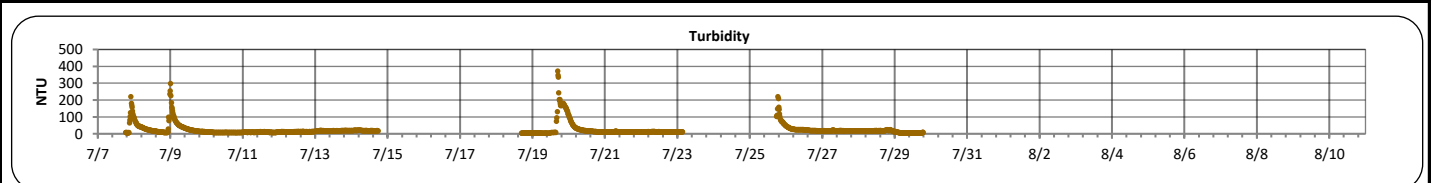
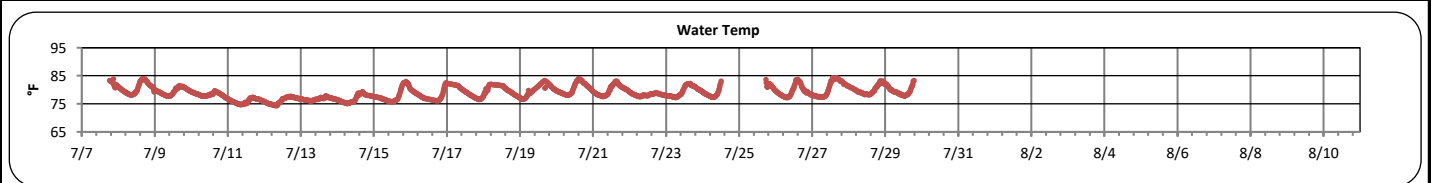
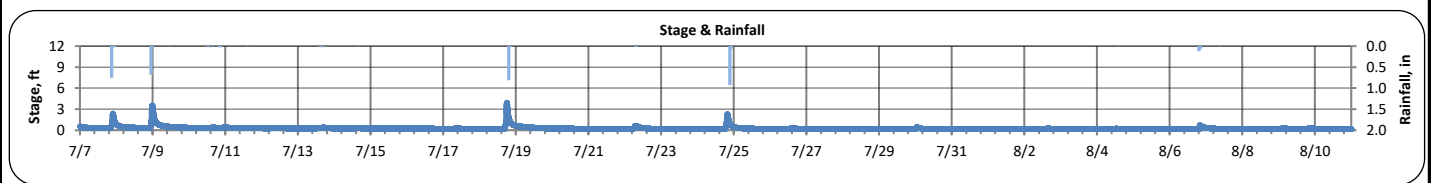
Potential Illicit Discharges and Abnormal Events:

There were no abnormal events at the SMIA station during this monitoring period.

Continuous Water Quality Monitoring Periodic Report

Smith Branch B (July 7, 2022 - August 10, 2022)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Smith Branch	STAGE (FT):	0.2	4.0	0.2	0.3	0.2
LOCATION:	Off Mountain Drive	TEMPERATURE (°F):	74	84	79	79	2
NEAREST ADDRESS:	3950 Clement Rd Columbia, SC 29203	TURBIDITY (NTU):	4	373	14	24	36
COORDINATES:	34.037933,-81.0591	pH:	6.5	8.5	7.2	7.2	0.3
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.029	0.147	0.129	0.118	0.027
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.7	10.7	7.3	7.5	0.9
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	5						
MAX. DAILY RAINFALL:	1.0 inches						
TOTAL RAINFALL (FOR PERIOD):	0.4 398.000						



**Continuous Water Quality
Monitoring Periodic Report**

Smith Branch B (July 7, 2022 - August 10, 2022)

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

There was a gap in turbidity data from July 14th-18th and the 23rd-24th due to fouling of the sensor. Gaps in water temperature, turbidity, pH, and dissolved oxygen data from July 24th-25th and specific conductivity from July 15th to the end of the monitoring period, was due to sensors becoming unsubmerged.

Potential Illicit Discharges and Abnormal Events:

There were no abnormal events at the SMIB station during this monitoring period.