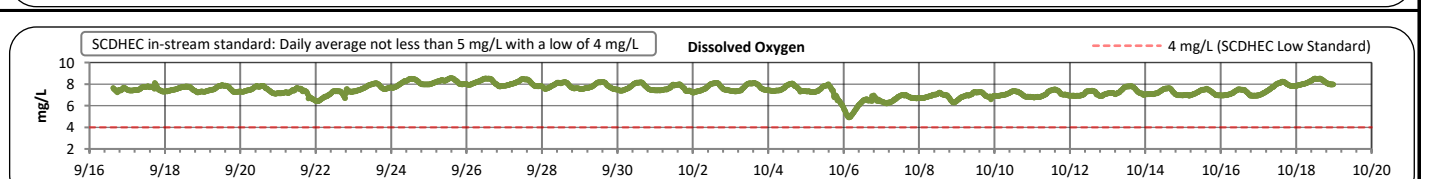
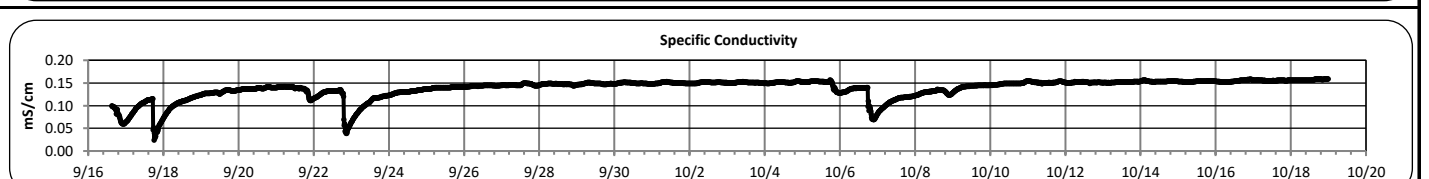
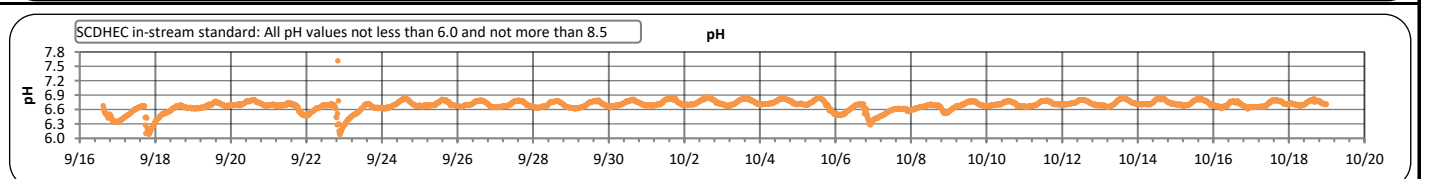
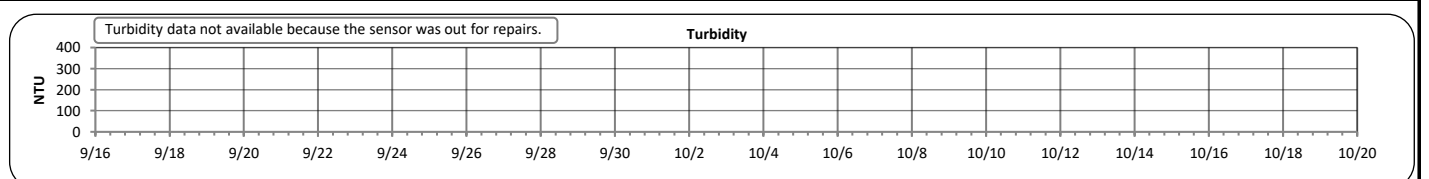
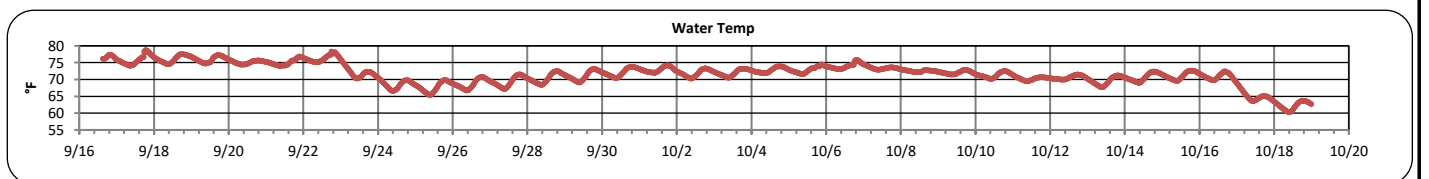
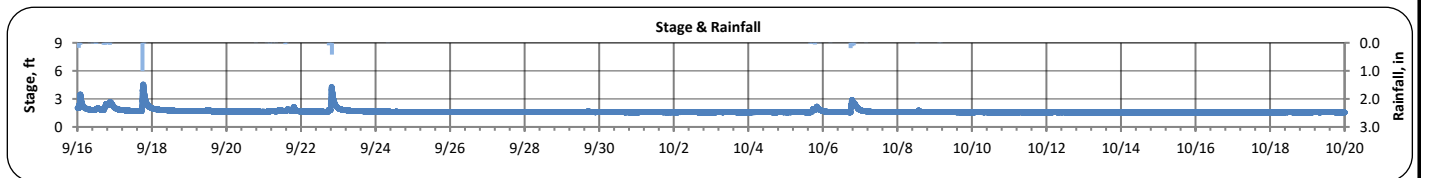


Continuous Water Quality Monitoring Periodic Report

Smith Branch A (September 16, 2021 - October 19, 2021)

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	5.6	1.6	1.7	0.3
LOCATION:	Earlewood Park	TEMPERATURE (°F):	60	79	72	72	3
ADDRESS:	1111 Parkside Dr Columbia, SC 29201	TURBIDITY (NTU):	-	-	-	-	-
COORDINATES:	34.027289,-81.04265	pH:	6.1	7.6	6.7	6.7	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.024	0.159	0.147	0.138	0.021
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.9	8.6	7.5	7.5	0.6
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	1.1 inches						
TOTAL RAINFALL (FOR PERIOD):	4.0 inches						



**Continuous Water Quality
Monitoring Periodic Report**

Smith Branch A (September 16, 2021 - October 19, 2021)

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:

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4	
	9/20/2021		9/21/2021		9/21/2021		9/21/2021	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	10:25	322	9:36	852	11:20	1,300	13:58	10,340
Total Suspended Solids (mg/L)	10:25	5.8						
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Analyte (units)	Sample 5		Sample 6		Sample 7		Sample 8	
	9/21/2021							
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	15:00	17,330						
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Sample 1 was collected during dry weather conditions. Samples 2-5 were collected during wet weather conditions.

**Continuous Water Quality
Monitoring Periodic Report**

Smith Branch A (September 16, 2021 - October 19, 2021)

Notes:

Data Gaps

Turbidity data was not collected during this monitoring period because the sensor was out for repairs.

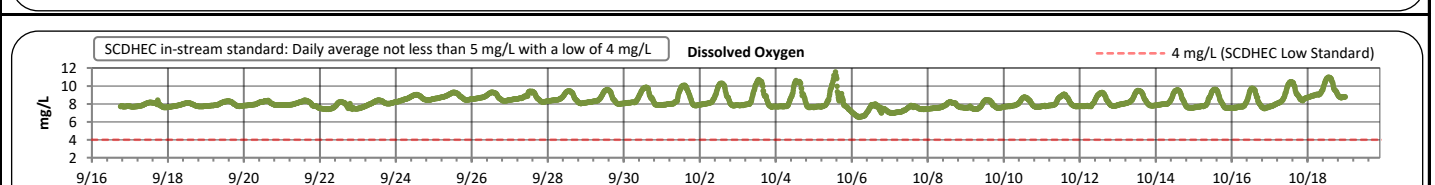
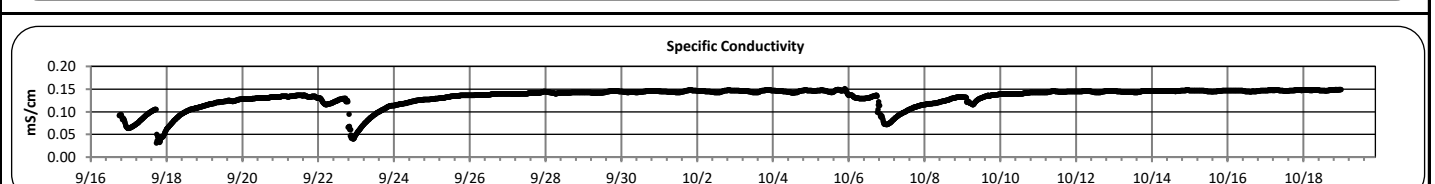
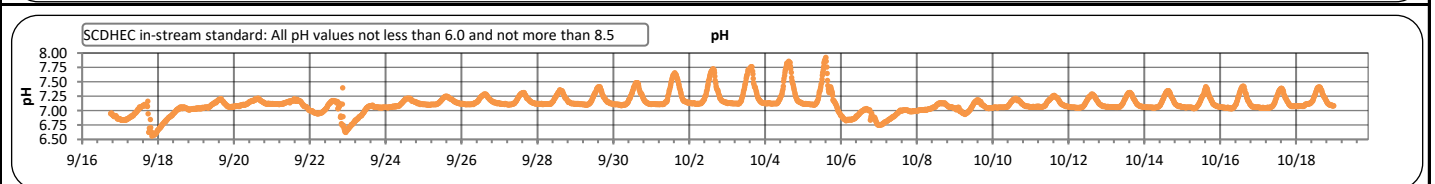
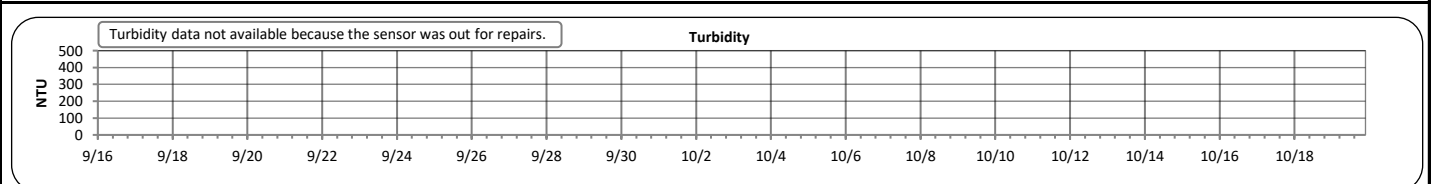
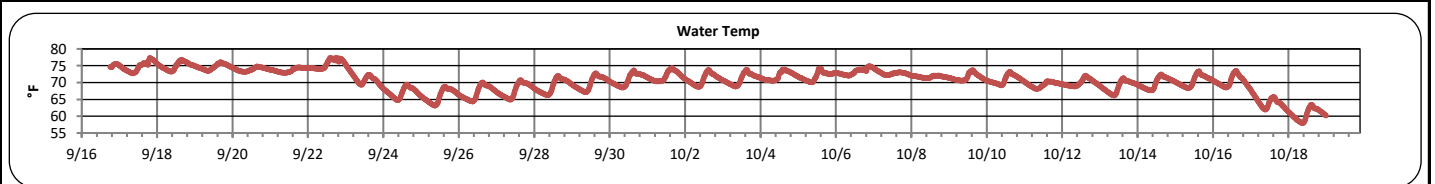
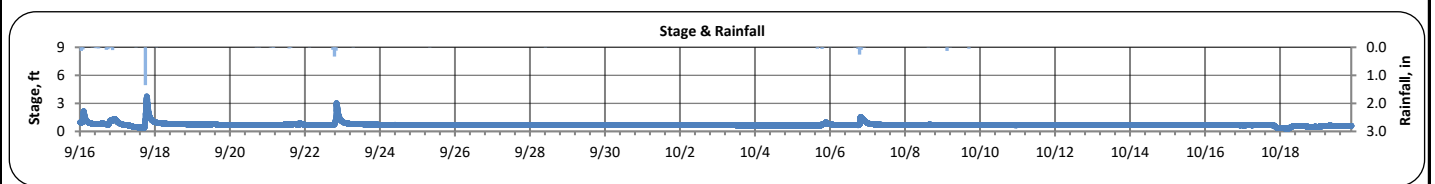
Potential Illicit Discharges and Abnormal Events:

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

Continuous Water Quality Monitoring Periodic Report

Smith Branch B (September 16, 2021 - October 19, 2021)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Smith Branch	STAGE (FT):	0.3	4.6	0.7	0.7	0.2
LOCATION:	Off Mountain Drive	TEMPERATURE (°F):	58	77	71	71	3
NEAREST ADDRESS:	3950 Clement Rd Columbia, SC 29203	TURBIDITY (NTU):	-	-	-	-	-
COORDINATES:	34.037933,-81.0591	pH:	6.6	7.9	7.1	7.1	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.031	0.151	0.142	0.132	0.022
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.5	11.6	8.1	8.3	0.7
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	8						
MAX. DAILY RAINFALL:	1.4 inches						
TOTAL RAINFALL (FOR PERIOD):	3.9 inches						



**Continuous Water Quality
Monitoring Periodic Report**

Smith Branch B (September 16, 2021 - October 19, 2021)

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:

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4	
	9/21/2021		9/21/2021		9/21/2021		9/21/2021	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:44	322	11:48	584	14:08	2,518	15:08	1,672
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

All samples were collected during wet weather conditions.

Notes:

Data Gaps

Turbidity data was not collected at the SMIB station because the sensor was out for repairs during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

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