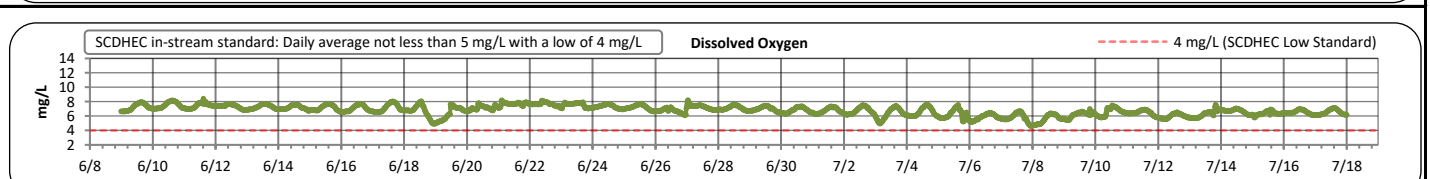
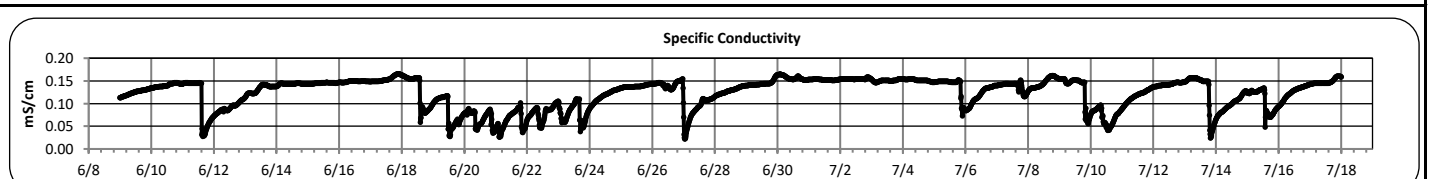
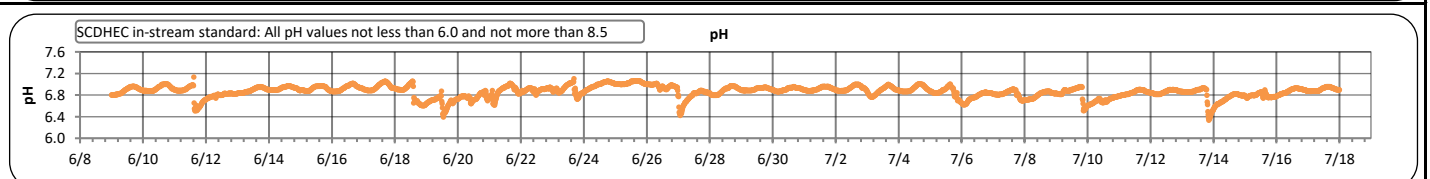
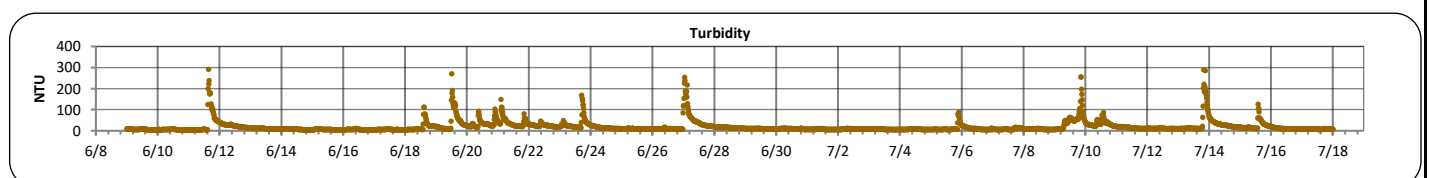
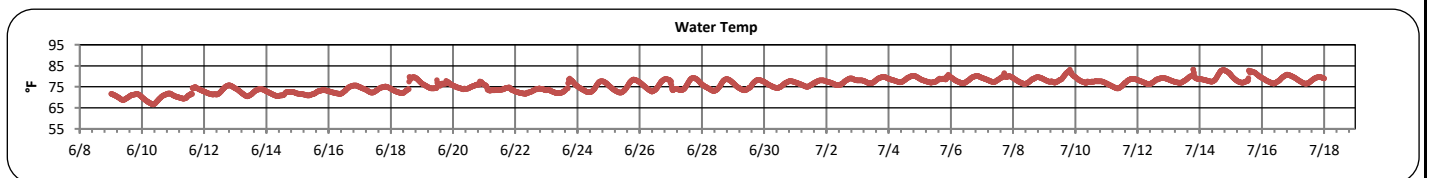
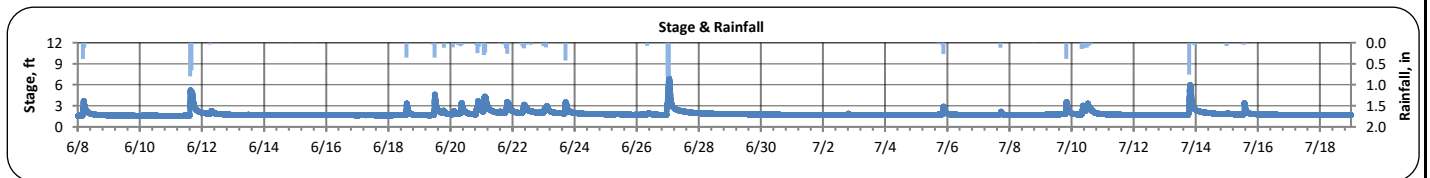


Continuous Water Quality Monitoring Periodic Report

Smith Branch A (June 8, 2023 - July 18, 2023)

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	7.0	1.7	1.9	0.4
LOCATION:	Earlewood Park	TEMPERATURE (°F):	67	83	76	76	3
ADDRESS:	1111 Parkside Dr Columbia, SC 29201	TURBIDITY (NTU):	4	292	10	19	27
COORDINATES:	34.027289,-81.04265	pH:	6.3	7.1	6.9	6.9	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.022	0.165	0.138	0.124	0.033
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.7	8.5	6.9	6.8	0.7
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	18						
MAX. DAILY RAINFALL:	1.5 inches						
TOTAL RAINFALL (FOR PERIOD):	0.4 inches						



**Continuous Water Quality
Monitoring Periodic Report**

Smith Branch A (June 8, 2023 - July 18, 2023)

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			
	6/22/2023		6/22/2023		6/22/2023			
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:48	4,200	11:39	3,230	13:32	1,580		
Total Suspended Solids (mg/L)	9:48	55.1	11:39	24.9	13:32	28.2		
Total Phosphorus (mg/L)	9:48	0.093	11:39	0.088	13:32	0.081		
Total Nitrogen (mg/L)	9:48	0.83	11:39	0.86	13:32	0.90		

Notes:

Data Gaps

There were no data gaps at SMIA during this monitoring period.

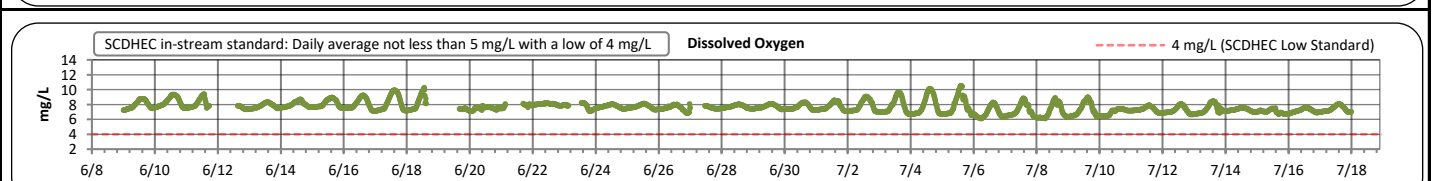
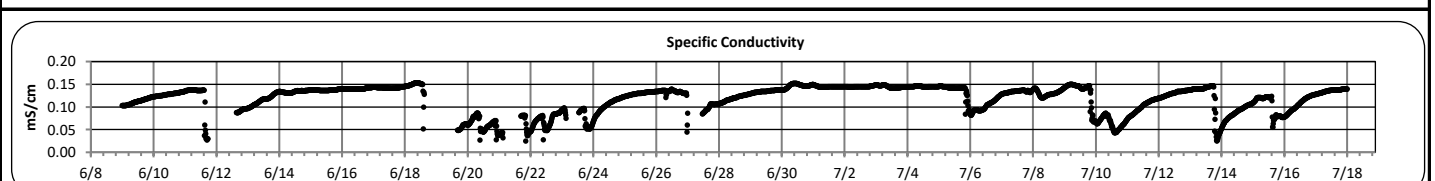
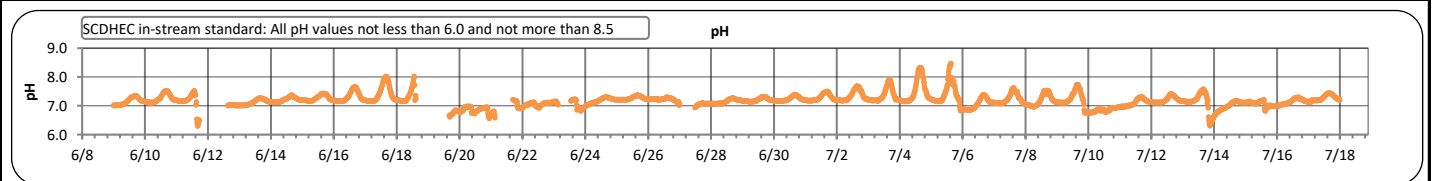
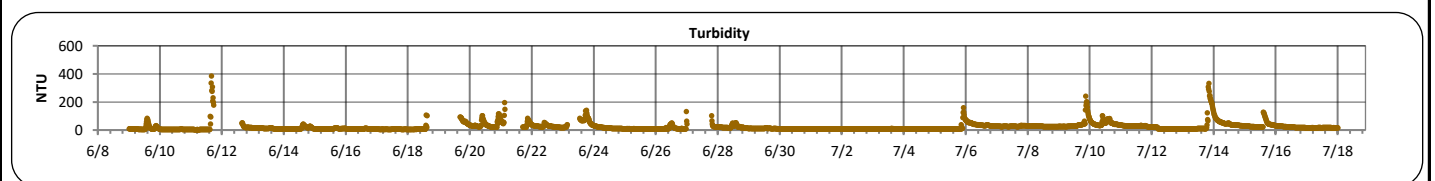
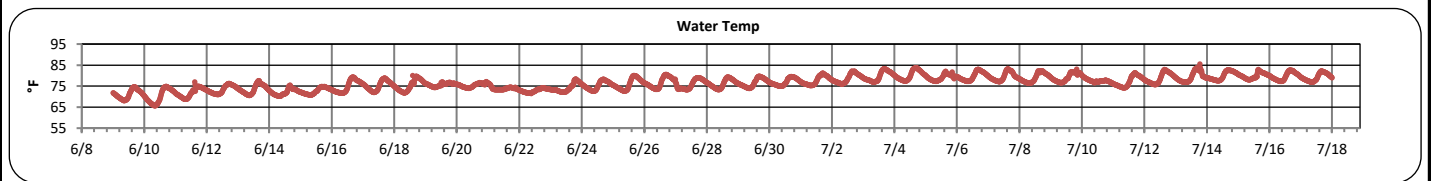
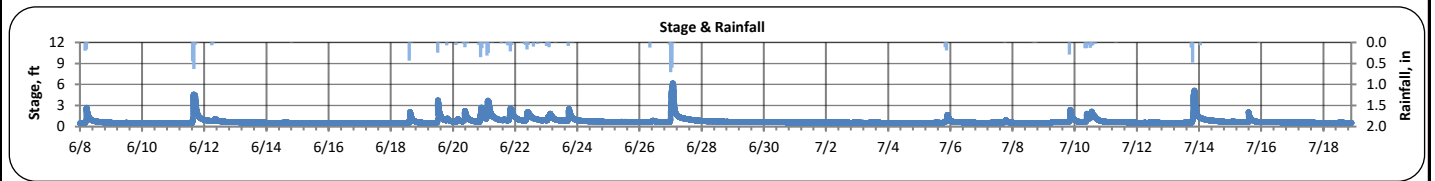
Potential Illicit Discharges and Abnormal Events:

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

Continuous Water Quality Monitoring Periodic Report

Smith Branch B (June 8, 2023 - July 18, 2023)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Smith Branch	STAGE (FT):	0.5	6.2	0.6	0.8	0.5
LOCATION:	Off Mountain Drive	TEMPERATURE (°F):	66	86	77	76	3
NEAREST ADDRESS:	3950 Clement Rd Columbia, SC 29203	TURBIDITY (NTU):	4	385	14	23	29
COORDINATES:	34.037933,-81.0591	pH:	6.3	8.5	7.2	7.2	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.025	0.153	0.131	0.119	0.029
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.2	10.6	7.6	7.7	0.7
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	16						
MAX. DAILY RAINFALL:	1.1 inches						
TOTAL RAINFALL (FOR PERIOD):	0.4 inches						



**Continuous Water Quality
Monitoring Periodic Report**

Smith Branch B (June 8, 2023 - July 18, 2023)

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			
	6/22/2023		6/22/2023		6/22/2023			
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	10:07	3,700	11:51	4,370	14:01	1,330		
Total Suspended Solids (mg/L)	10:07	58.3	11:51	29.8	14:01	19.2		
Total Phosphorus (mg/L)	10:07	0.10	11:51	0.082	14:01	0.074		
Total Nitrogen (mg/L)	10:07	0.99	11:51	0.75	14:01	0.75		

Notes:

Data Gaps

There were data gaps in specific conductivity, pH, DO, and turbidity from 6/11 - 6/12, 6/18 - 6/19, 6/21, 6/23 and 6/27 due to sensor fouling.

Potential Illicit Discharges and Abnormal Events:

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