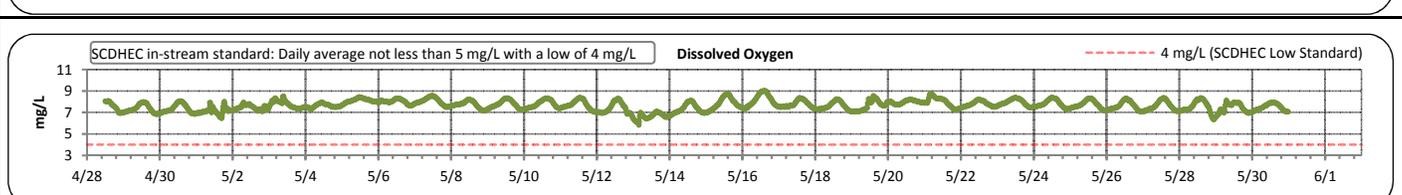
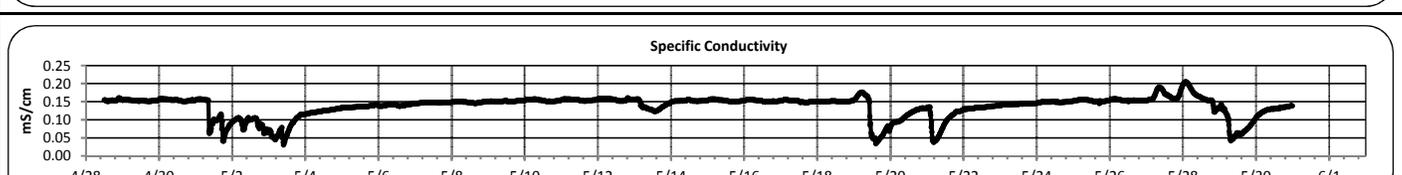
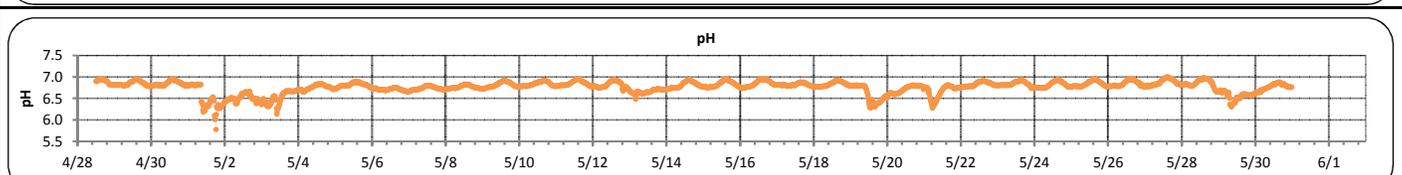
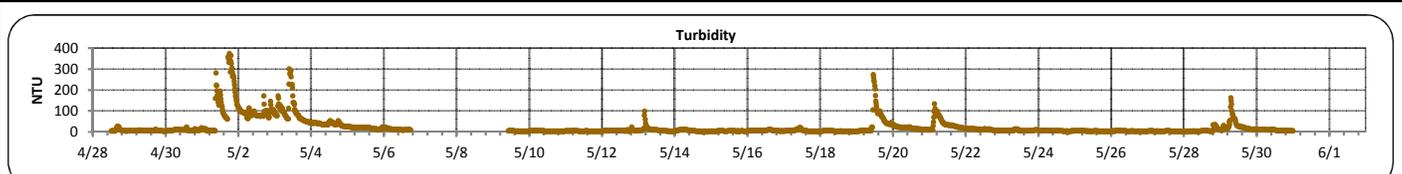
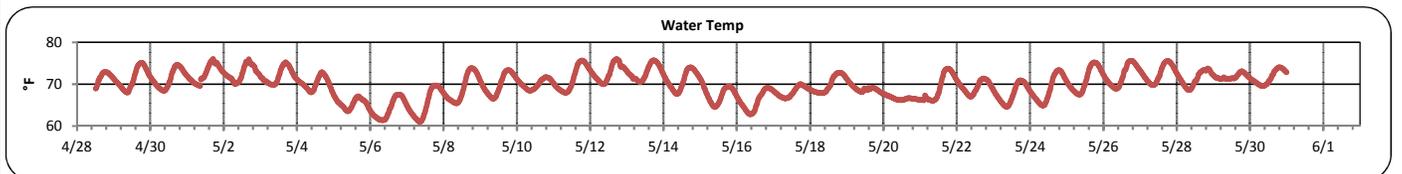
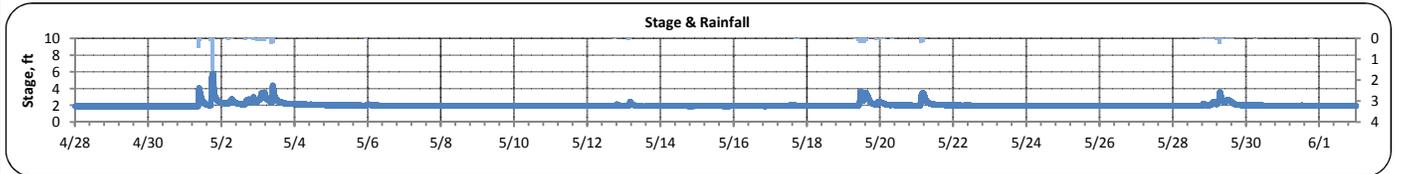


**Smith Branch A (April 28, 2016 -- June 1, 2016)**

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Smith Branch	STAGE (FT):	1.9	5.9	2.0	2.0	0.3
LOCATION:	Earlewood Park	TEMPERATURE (°F):	61	76	70	70	3
ADDRESS:	1111 Parkside Dr Columbia, SC 29201	TURBIDITY (NTU):	2	374	7	22	41
COORDINATES:	34.027289,-81.04265	pH:	5.8	7.0	6.8	6.8	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.03	0.205	0.150	0.138	0.029
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.9	9.1	7.7	7.7	0.5
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	10						
MAX. DAILY RAINFALL:	2.2 inches						
TOTAL RAINFALL (FOR PERIOD):	5.7 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 (April 28, 2016 -- June 1, 2016)**

**Explanation of Statistics:**

<b>MINIMUM OBSERVED</b>	The minimum of the values recorded by the datasonde in 15 minute intervals.
<b>MAXIMUM OBSERVED</b>	The maximum of the values recorded by the datasonde in 15 minute intervals.
<b>MEDIAN OBSERVED</b>	The median of all the values recorded by the datasonde in 15 minute intervals.
<b>MEAN OBSERVED</b>	The average of all the values recorded by the datasonde in 15 minute intervals.
<b>STANDARD DEVIATION</b>	The standard deviation of all the values recorded by the datasonde in 15 minute intervals.

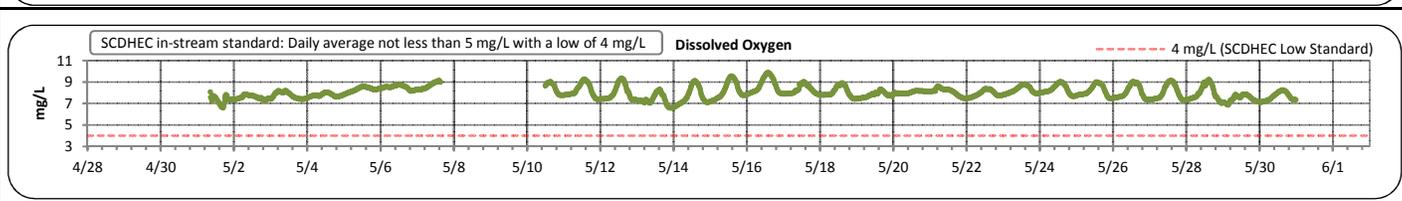
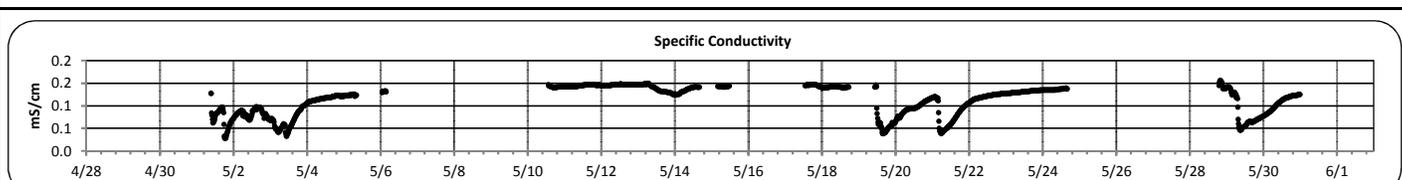
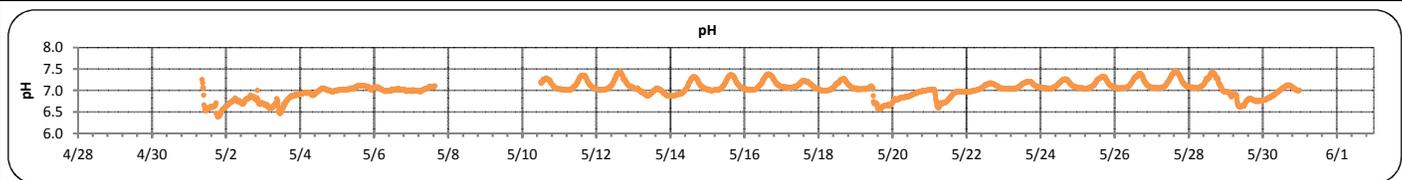
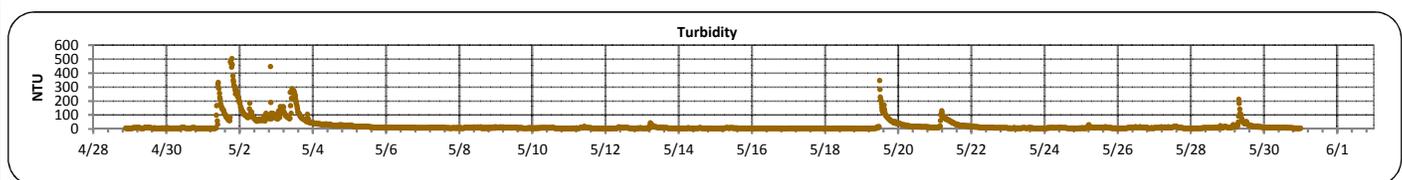
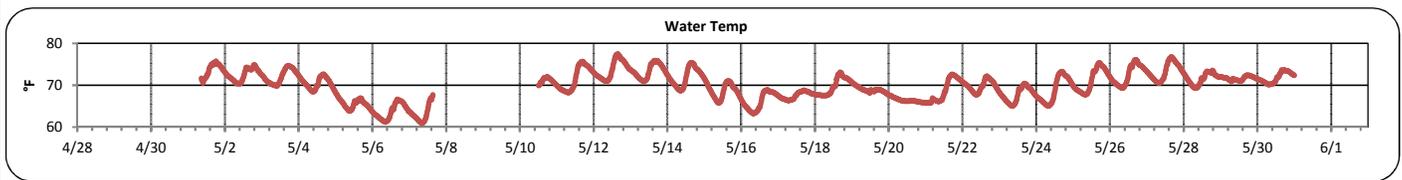
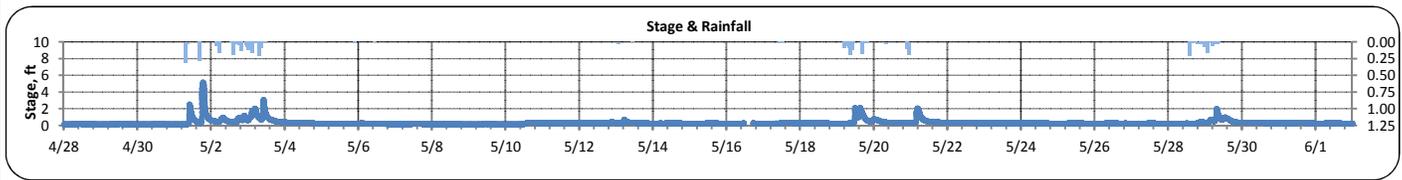
**Grab Sample Data:**

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4		Sample 5	
	5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/17/2016	
	Time	Result	Time	Result	Time	Result	Time	Result	Time	Result
<i>Escherichia coli</i> (MPN/100mL)	9:29	9,222	10:02	12,980	10:32	12,980	11:05	9,768	11:20	116
Total Suspended Solids (mg/L)	9:29	410	10:02	411	10:32	260	11:05	233	11:20	8.2
Total Phosphorus (mg/L)	9:29	0.61	10:02	0.39	10:32	0.32	11:05	0.25	11:20	0.069
Total Nitrogen (mg/L)	9:29	1.79	10:02	2.31	10:32	1.75	11:05	2.21	11:20	1.45

Note: Sample 5, collected on 5/17/2016, was a dry weather sample.

Smith Branch B (April 28, 2016 -- June 1, 2016)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Smith Branch	STAGE (FT):	0.1	5.2	0.3	0.4	0.3
LOCATION:	Off Mountain Drive	TEMPERATURE (°F):	61	78	70	70	3
NEAREST ADDRESS:	3950 Clement Rd Columbia, SC 29203	TURBIDITY (NTU):	3	503	8	22	46
COORDINATES:	34.037933,-81.0591	pH:	6.4	7.5	7.1	7.0	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.028	0.156	0.124	0.113	0.032
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.6	9.9	8.0	8.0	0.6
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	9						
MAX. DAILY RAINFALL:	0.8 inches						
TOTAL RAINFALL (FOR PERIOD):	4.2 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 (April 28, 2016 -- June 1, 2016)**

**Explanation of Statistics:**

<b>MINIMUM OBSERVED</b>	The minimum of the values recorded by the datasonde in 15 minute intervals.
<b>MAXIMUM OBSERVED</b>	The maximum of the values recorded by the datasonde in 15 minute intervals.
<b>MEDIAN OBSERVED</b>	The median of all the values recorded by the datasonde in 15 minute intervals.
<b>MEAN OBSERVED</b>	The average of all the values recorded by the datasonde in 15 minute intervals.
<b>STANDARD DEVIATION</b>	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		Sample 5	
	5/3/2016		5/3/2016		5/3/2016		5/3/2016		5/17/2016	
	Time	Result	Time	Result	Time	Result	Time	Result	Time	Result
<i>Escherichia coli</i> (MPN/100mL)	9:13	5,226	9:47	8,212	10:17	20,920	10:52	15,400	10:50	700
Total Suspended Solids (mg/L)	9:13	150	9:47	374	10:17	375	10:52	316	10:50	1.4
Total Phosphorus (mg/L)	9:13	0.16	9:47	0.36	10:17	0.38	10:52	0.34	10:50	0.058
Total Nitrogen (mg/L)	9:13	1.02	9:47	2.42	10:17	2.01	10:52	1.85	10:50	1.23

Note: Sample 5, collected on 5/17/2016, was a dry weather sample.