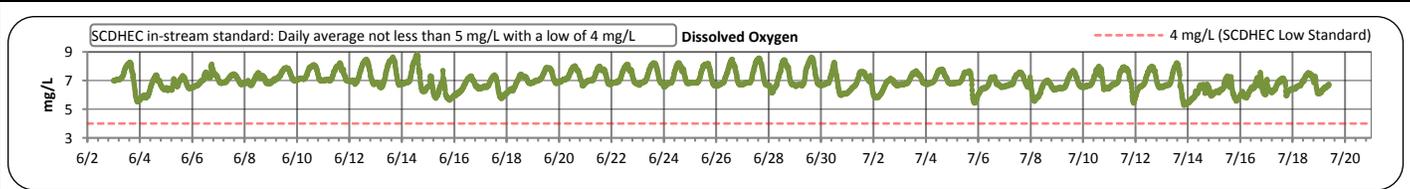
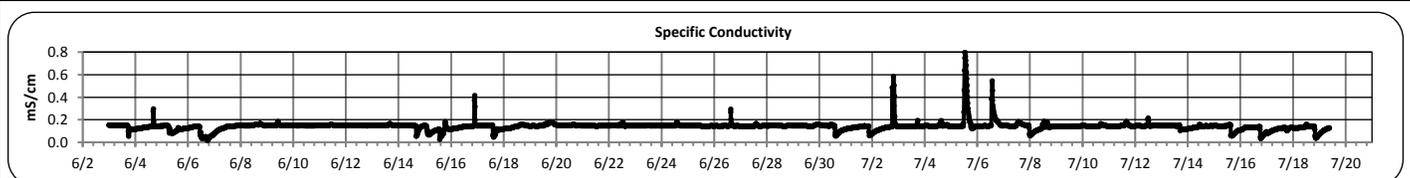
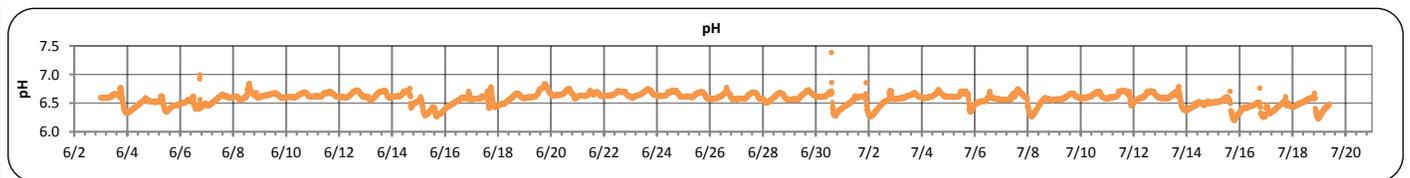
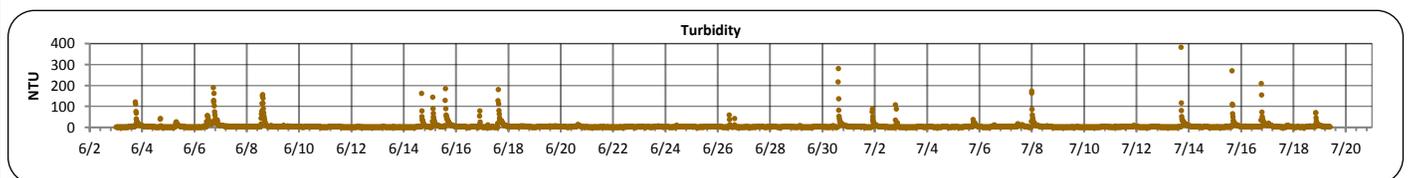
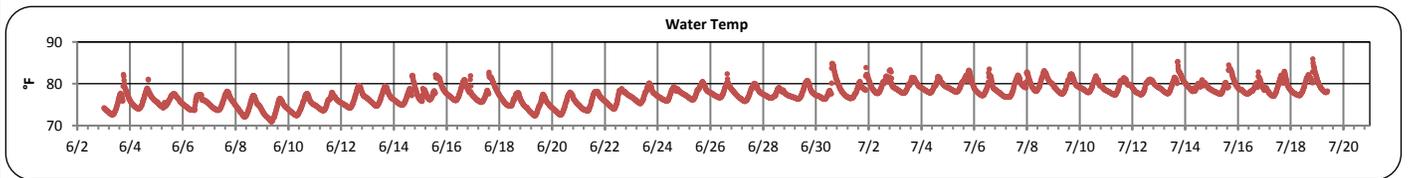
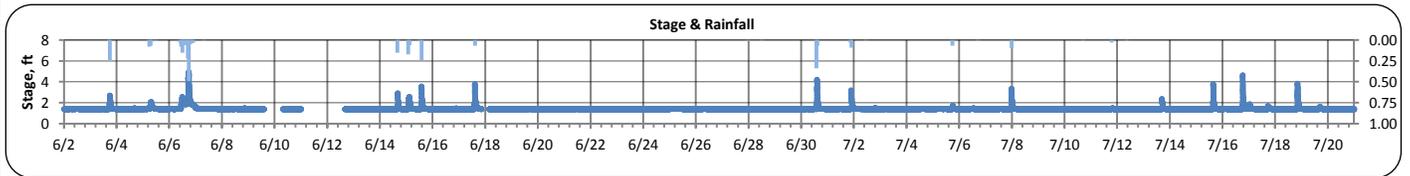


## Continuous Water Quality Monitoring Periodic Report

Rocky Branch A (June 2, 2016 -- July 20, 2016)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Rocky Branch	STAGE (FT):	1.4	5.0	1.4	1.4	0.2
LOCATION:	Maxcy Gregg Park	TEMPERATURE (°F):	71	86	78	78	2
ADDRESS:	1650 Park Circle Columbia, SC 29201	TURBIDITY (NTU):	2	383	3	6	16
COORDINATES:	34.995864, -81.021842	pH:	6.2	7.4	6.6	6.6	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.018	0.797	0.147	0.142	0.040
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.3	8.8	6.9	7.0	0.6
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	9						
MAX. DAILY RAINFALL:	1.3 inches						
TOTAL RAINFALL (FOR PERIOD):	3.3 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**

**Rocky Branch A (June 2, 2016 -- July 20, 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:**

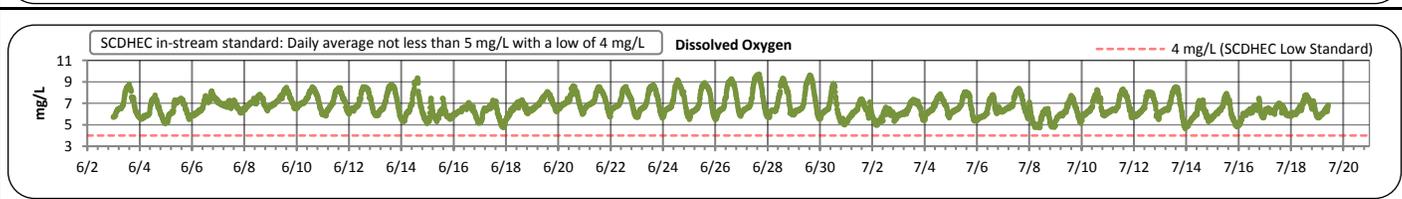
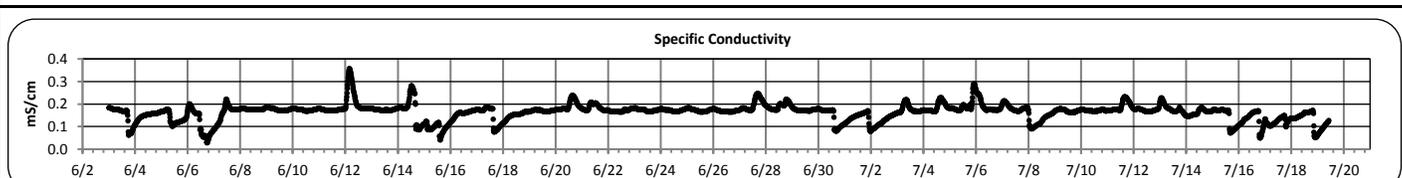
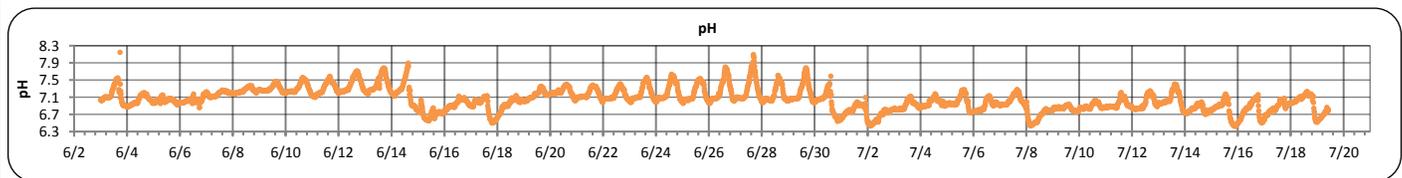
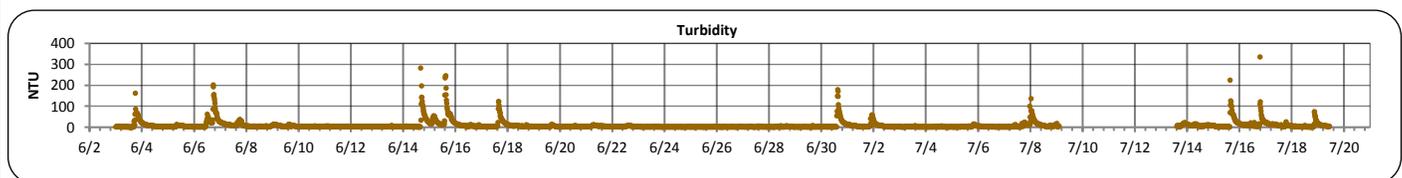
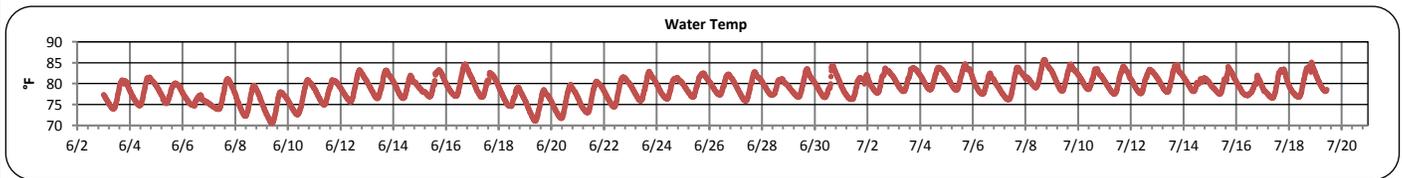
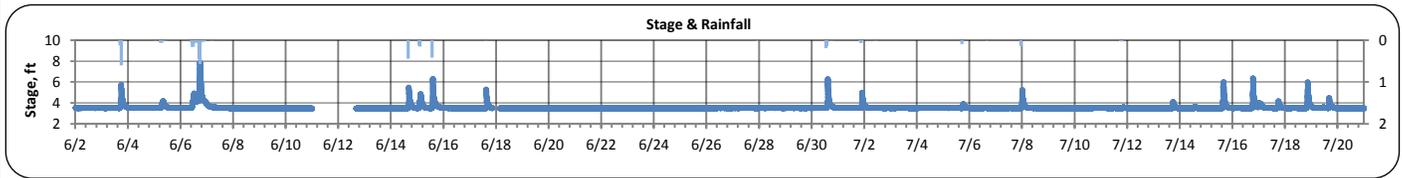
Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4	
	6/6/2016		6/6/2016		6/6/2016			
	Time	Result	Time	Result	Time	Result	Time	Result
<i>Escherichia coli</i> (MPN/100mL)	12:36	34,660	13:22	12,980	15:15	12,980		
Total Suspended Solids (mg/L)	12:36	32.2	13:22	15.6	15:15	11.0		
Total Phosphorus (mg/L)	12:36	0.14	13:22	0.11	15:15	0.092		
Total Nitrogen (mg/L)	12:36	0.93	13:22	0.89	15:15	0.96		

Note:

Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

**Rocky Branch B (June 2, 2016 -- July 20, 2016)**

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Rocky Branch	STAGE (FT):	3.5	7.9	3.5	3.6	0.3
LOCATION:	Olympia Ave Crossing	TEMPERATURE (°F):	71	86	79	79	3
ADDRESS:	510 Heyward St Columbia, SC 29201	TURBIDITY (NTU):	1	337	4	10	20
COORDINATES:	33.982578, -81.035036	pH:	6.4	8.2	7.1	7.1	0.3
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.028	0.357	0.172	0.164	0.036
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.7	9.7	6.6	6.8	0.9
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	9						
MAX. DAILY RAINFALL:	1.7 inches						
TOTAL RAINFALL (FOR PERIOD):	4.6 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**

**Rocky Branch B (June 2, 2016 -- July 20, 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	
	6/6/2016		6/6/2016		6/6/2016			
	Time	Result	Time	Result	Time	Result	Time	Result
<i>Escherichia coli</i> (MPN/100mL)	12:06	10,950	13:05	24,070	14:57	10,950		
Total Suspended Solids (mg/L)	12:06	77.2	13:05	42.4	14:57	16.6		
Total Phosphorus (mg/L)	12:06	0.16	13:05	0.16	14:57	0.096		
Total Nitrogen (mg/L)	12:06	1.62	13:05	1.45	14:57	1.00		

Note:

Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors