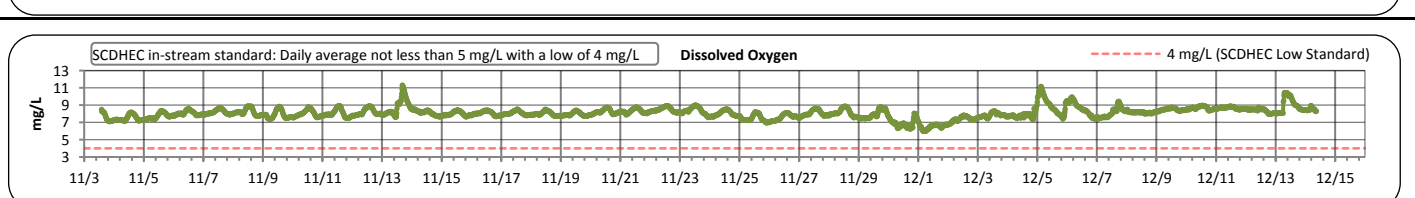
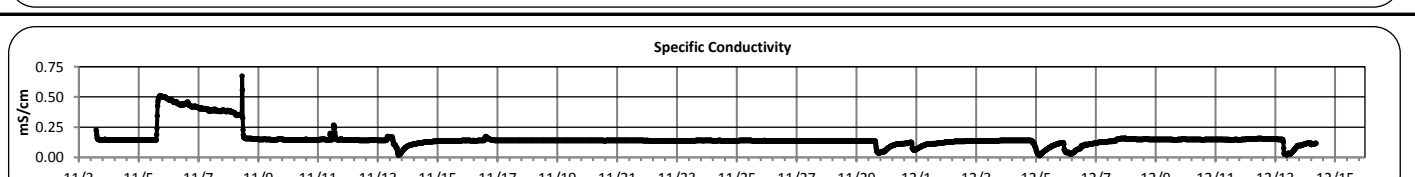
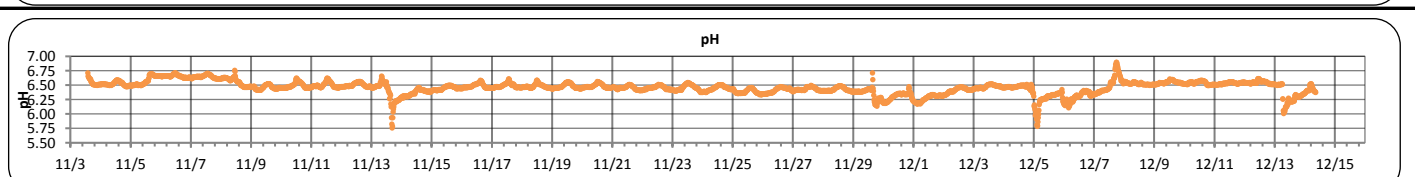
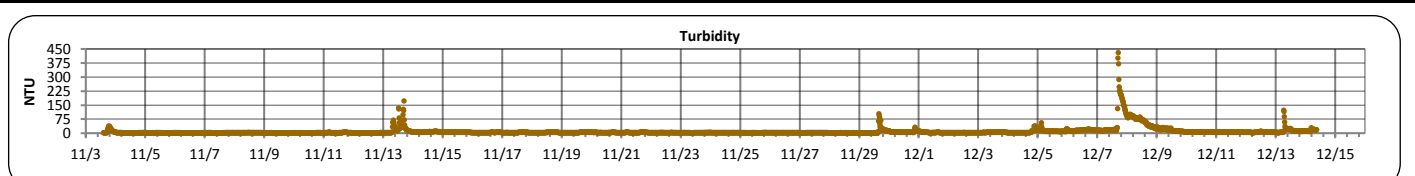
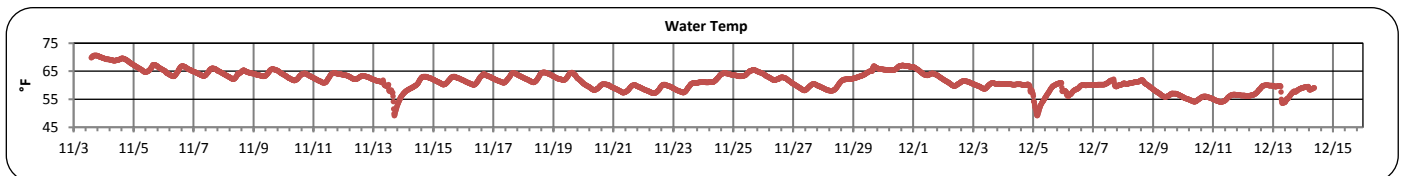
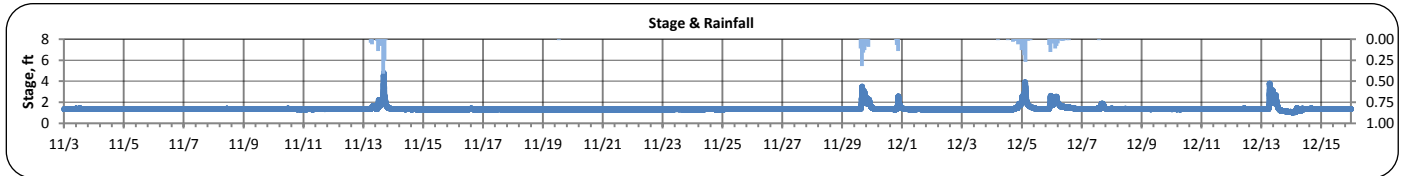


**Rocky Branch A (November 3, 2016 -- December 15, 2016)**

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Rocky Branch	STAGE (FT):	1.3	4.8	1.4	1.4	0.2
LOCATION:	Maxcy Gregg Park	TEMPERATURE (°F):	49	71	61	61	3
ADDRESS:	1650 Park Circle Columbia, SC 29201	TURBIDITY (NTU):	2	431	4	10	22
COORDINATES:	34.995864, -81.021842	pH:	5.8	6.9	6.5	6.5	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.016	0.673	0.140	0.153	0.078
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.0	11.4	8.1	8.1	0.6
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	6						
MAX. DAILY RAINFALL:	1.1 inches						
TOTAL RAINFALL (FOR PERIOD):	4.0 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 (November 3, 2016 -- December 15, 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	
	12/5/2016		12/5/2016		12/5/2016	
	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	11:07	1,764	13:40	588	15:56	1,024
Total Suspended Solids (mg/L)	11:07	3	13:40	1.8	15:56	2.8
Total Phosphorus (mg/L)	11:07	0.079	13:40	0.068	15:56	0.069
Total Nitrogen (mg/L)	11:07	1.25	13:40	1.44	15:56	1.8

Notes:

Analyte (units)	Sample 4		Sample 5		Sample 6	
	12/6/2016		12/6/2016		12/6/2016	
	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	10:34	2,842	12:17	3,106	14:51	590
Total Suspended Solids (mg/L)	10:34	5.1	12:17	4.8	14:51	6.2
Total Phosphorus (mg/L)	10:34	0.12	12:17	0.11	14:51	0.13
Total Nitrogen (mg/L)	10:34	0.99	12:17	1.09	14:51	1.44

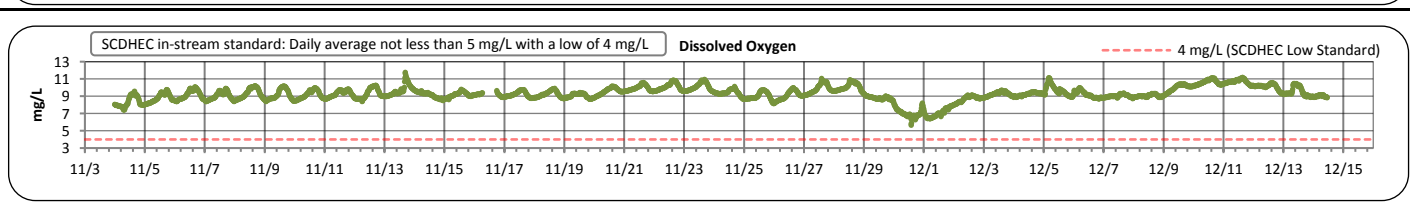
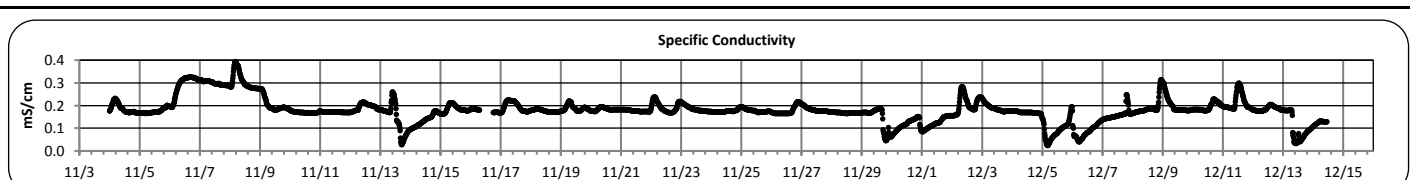
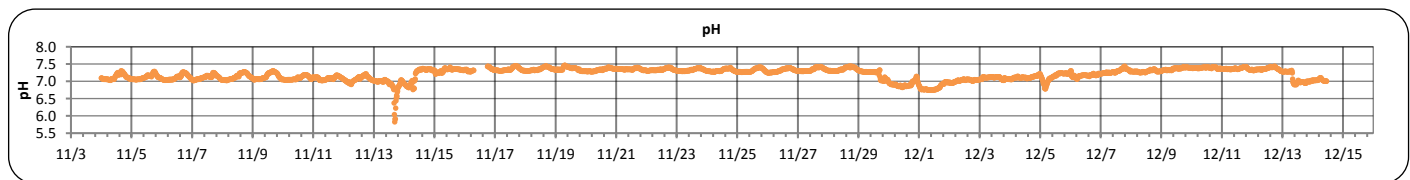
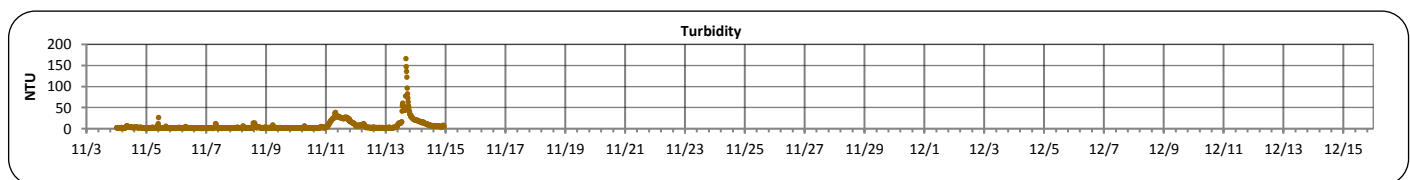
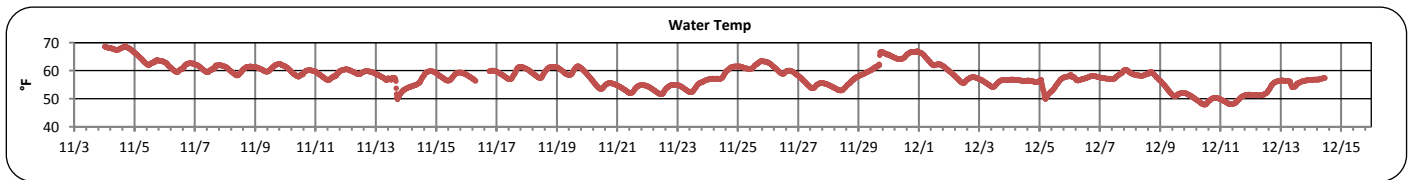
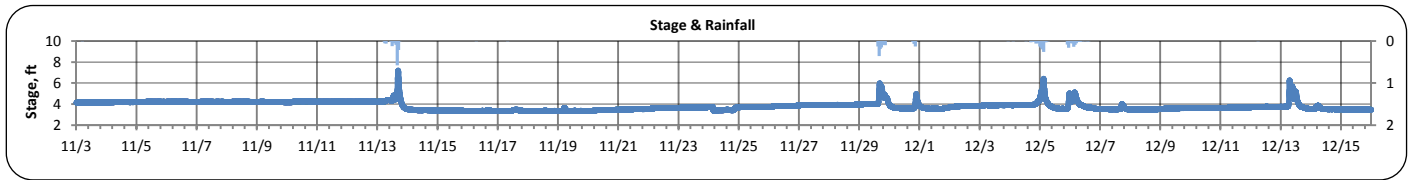
Notes:

Analyte (units)	Sample 7		Sample 8		Sample 9		Sample 10	
	12/13/2016		12/13/2016		12/13/2016		12/13/2016	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	10:09	4,764	11:24	5,510	13:49	4,196	14:45	3,106
Total Suspended Solids (mg/L)	10:09	15.2	11:24	19.6	13:49	7.8	14:45	7.3
Total Phosphorus (mg/L)	10:09	0.13	11:24	0.13	13:49	0.13	14:45	0.11
Total Nitrogen (mg/L)	10:09	0.62	11:24	0.65	13:49	0.78	14:45	0.94

Notes:

**Rocky Branch B (November 3, 2016 -- December 15, 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):	3.4	7.2	3.9	3.9	0.4
LOCATION:	Olympia Ave Crossing	TEMPERATURE (°F):	48	69	58	58	4
ADDRESS:	510 Heyward St Columbia, SC 29201	TURBIDITY (NTU):	1	166	3	7	13
COORDINATES:	33.982578, -81.035036	pH:	5.8	7.5	7.3	7.2	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.025	0.394	0.177	0.180	0.053
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.7	11.8	9.3	9.3	0.8
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	6						
MAX. DAILY RAINFALL:	1.2 inches						
TOTAL RAINFALL (FOR PERIOD):	4.4 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 (November 3, 2016 -- December 15, 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	
	12/5/2016		12/5/2016		12/5/2016	
	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	11:30	2,446	13:27	1,970	15:42	1,678
Total Suspended Solids (mg/L)	11:30	4.7	13:27	4.2	15:42	3
Total Phosphorus (mg/L)	11:30	0.12	13:27	0.11	15:42	0.1
Total Nitrogen (mg/L)	11:30	1.14	13:27	1.18	15:42	1.32

Notes:

Analyte (units)	Sample 4		Sample 5		Sample 6	
	12/6/2016		12/6/2016		12/6/2016	
	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	10:21	1,966	11:57	1,672	14:36	1,768
Total Suspended Solids (mg/L)	10:21	4.1	11:57	4.3	14:36	3.6
Total Phosphorus (mg/L)	10:21	0.13	11:57	0.13	14:36	0.1
Total Nitrogen (mg/L)	10:21	0.86	11:57	0.98	14:36	1.11

Notes:

Analyte (units)	Sample 7		Sample 8		Sample 9		Sample 10	
	12/13/2016		12/13/2016		12/13/2016		12/13/2016	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:35	3,870	10:50	4,196	13:40	3,340	15:10	2,668
Total Suspended Solids (mg/L)	9:35	30	10:50	20.4	13:40	41	15:10	9.3
Total Phosphorus (mg/L)	9:35	0.16	10:50	0.16	13:40	0.14	15:10	0.14
Total Nitrogen (mg/L)	9:35	0.6	10:50	0.69	13:40	3.53	15:10	1.25

Notes: