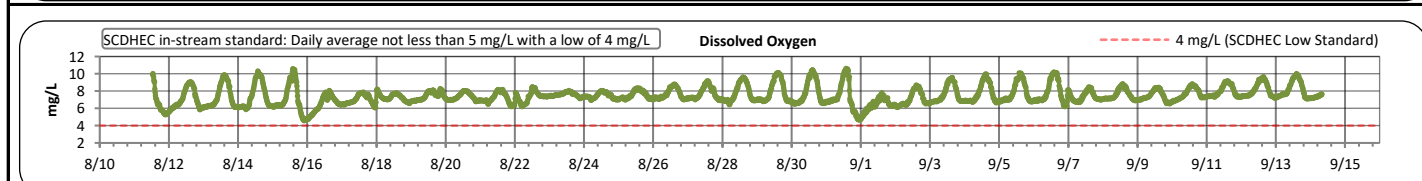
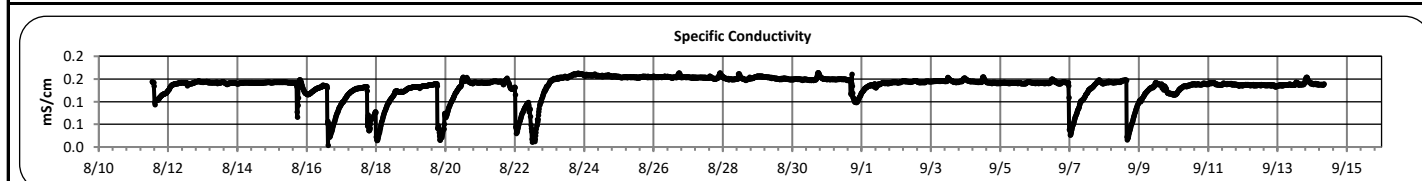
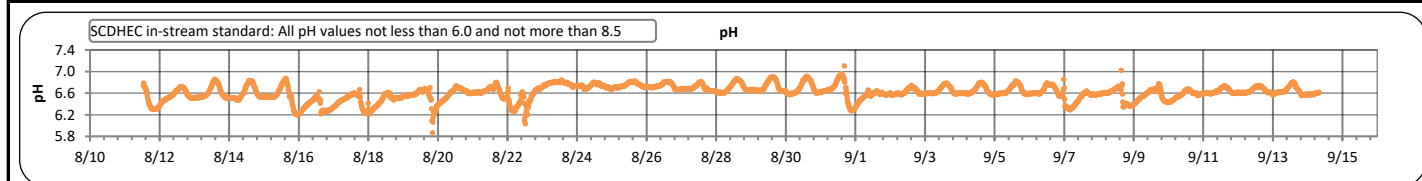
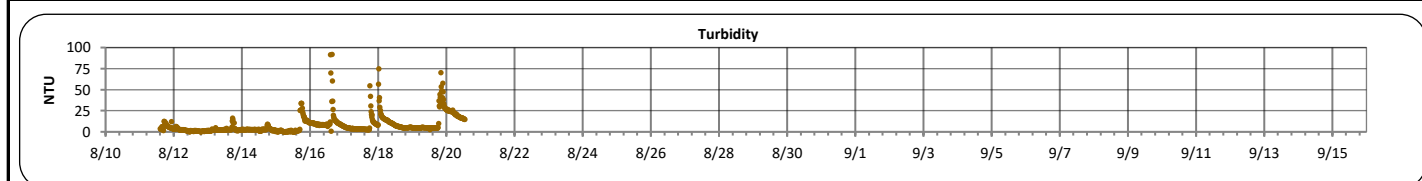
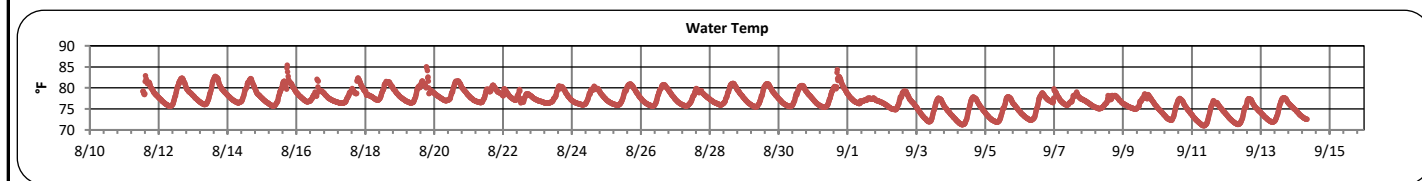
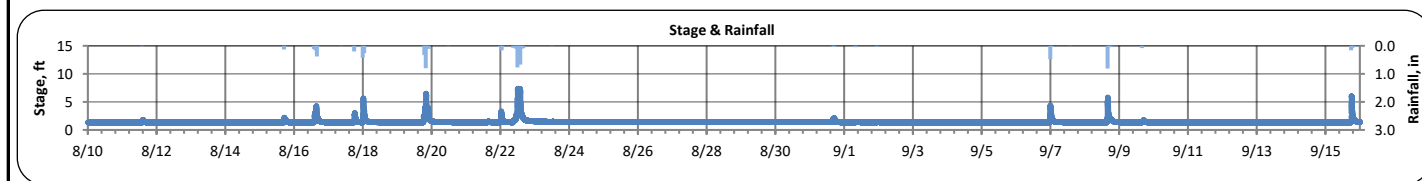


**Rocky Branch A (August 10, 2021 - September 15, 2021)**

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	7.4	1.4	1.4	0.4
LOCATION:	Maxcy Gregg Park	TEMPERATURE (°F):	71	85	77	77	2
ADDRESS:	1650 Park Circle Columbia, SC 29201	TURBIDITY (NTU):	1	92	5	8	10
COORDINATES:	33.995864, -81.021842	pH:	5.9	7.1	6.6	6.6	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.004	0.164	0.142	0.134	0.026
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.6	10.7	7.3	7.5	1.0
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	10						
MAX. DAILY RAINFALL:	2.3 inches						
TOTAL RAINFALL (FOR PERIOD):	7.4 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 A (August 10, 2021 - September 15, 2021)**

**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:** No grab samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)								
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

**Notes:**

Data Gaps

Turbidity data was removed from August 20<sup>th</sup> to the end of the deployment period because the sensor was damaged and collected erroneous data.

Potential Illicit Discharges and Abnormal Events:

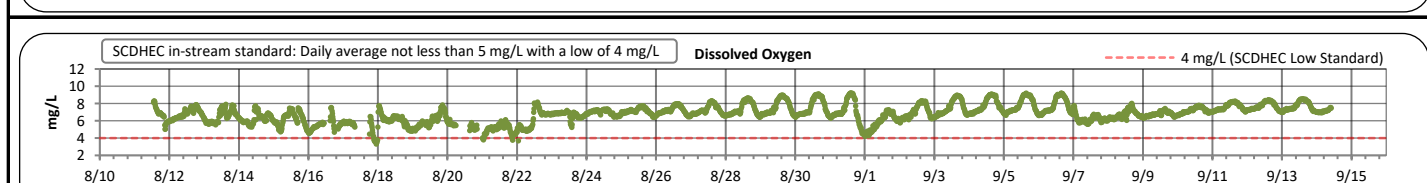
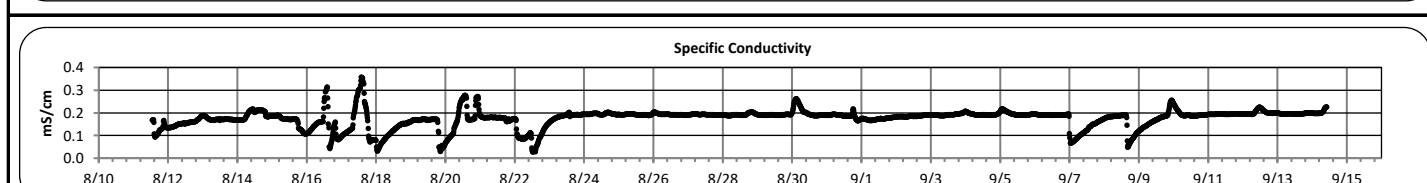
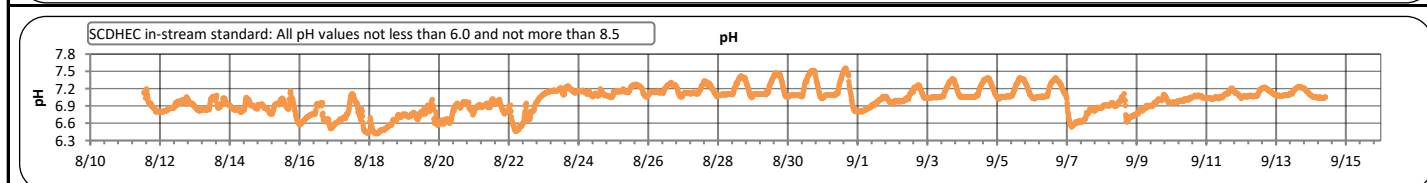
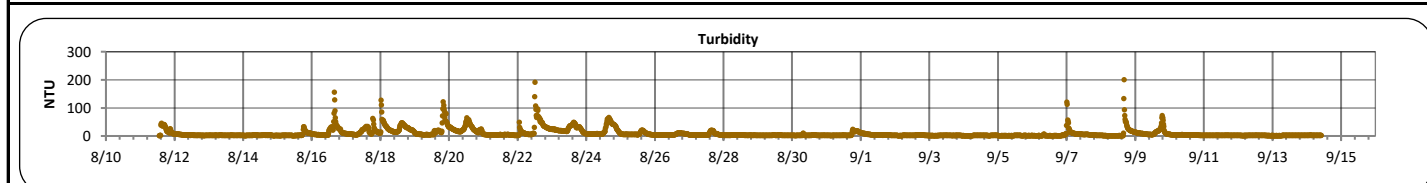
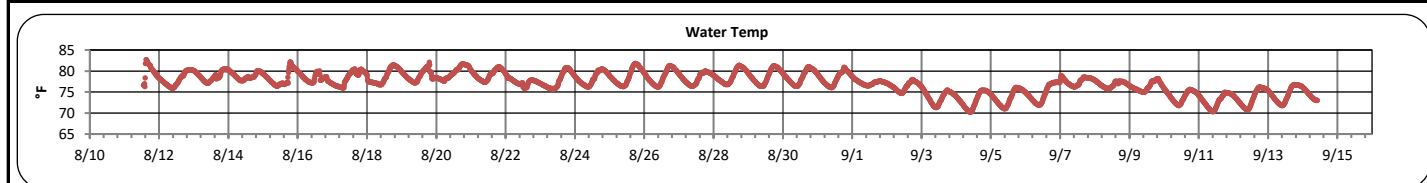
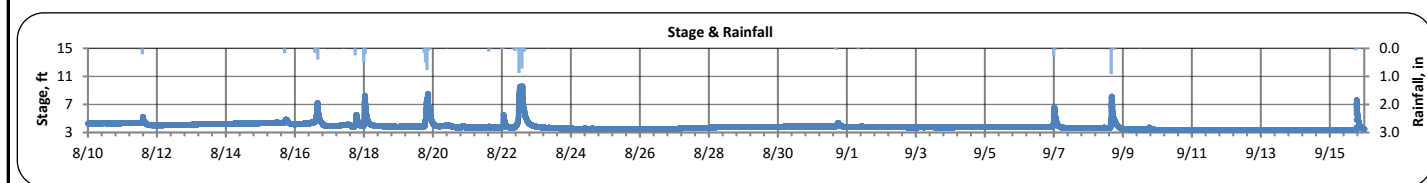
The specific conductivity increased on August 26<sup>th</sup>, August 27<sup>th</sup>, August 28<sup>th</sup>, August 30<sup>th</sup>, September 3<sup>rd</sup>, September 4<sup>th</sup>, and September 15<sup>th</sup>, which may have been a result of the Maxcy Gregg pool discharge.

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

REPORT GENERATED ON 10/11/2021

**Rocky Branch B (August 10, 2021 - September 15, 2021)**

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	9.6	3.8	3.9	0.5
LOCATION:	Olympia Ave Crossing	TEMPERATURE (°F):	70	83	77	77	3
ADDRESS:	510 Heyward St Columbia, SC 29201	TURBIDITY (NTU):	1	201	4	10	15
COORDINATES:	33.982578, -81.035036	pH:	6.4	7.6	7.1	7.0	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.027	0.358	0.189	0.176	0.039
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	3.3	9.3	6.9	6.9	1.0
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	11						
MAX. DAILY RAINFALL:	2.1 inches						
TOTAL RAINFALL (FOR PERIOD):	7.6 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 (August 10, 2021 - September 15, 2021)**

**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:** No grab samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)								
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

**Notes:**

Data Gaps

Brief periods of DO data were removed on August 16<sup>th</sup>, August 17<sup>th</sup>, and August 20<sup>th</sup> because the sensor was buried.

Potential Illicit Discharges and Abnormal Events:

The specific conductivity increased several times during this monitoring period, which may have been a result of the Maxcy Gregg pool discharge. Such instances occurred on August 14<sup>th</sup>, August 16<sup>th</sup>, August 17<sup>th</sup>, August 20<sup>th</sup>, August 30<sup>th</sup>, August 31<sup>st</sup>, September 5<sup>th</sup>, September 9<sup>th</sup>-10<sup>th</sup>, and September 12<sup>th</sup>.

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

REPORT GENERATED ON 10/11/2021