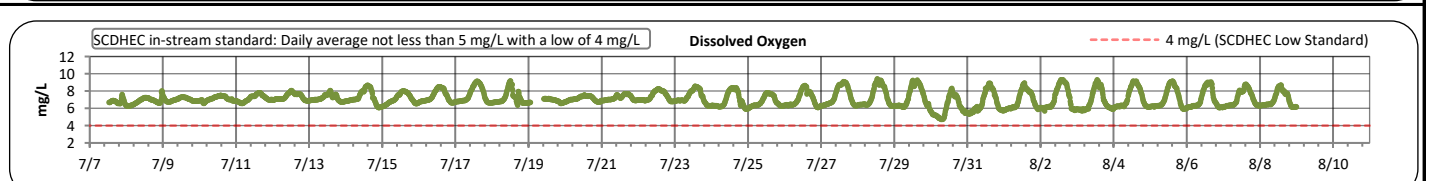
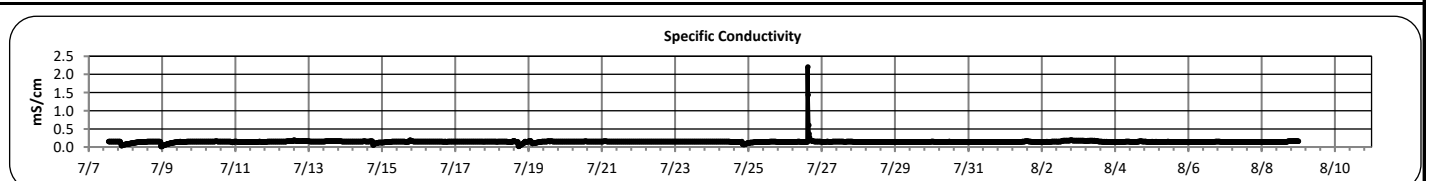
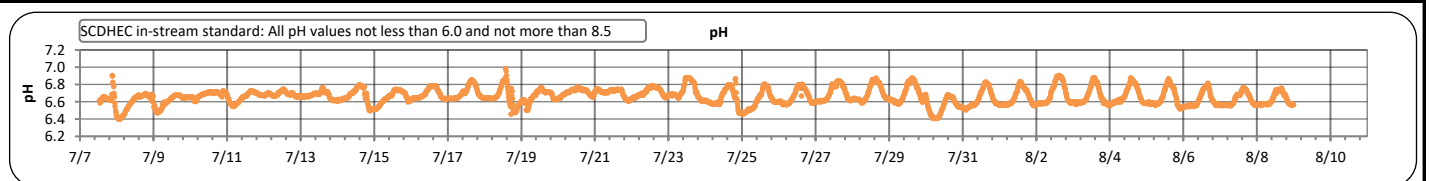
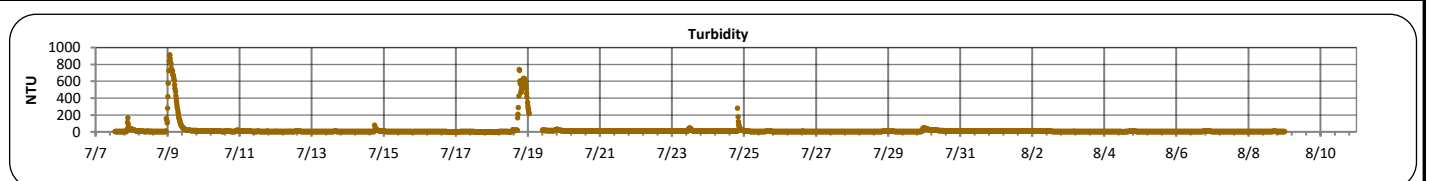
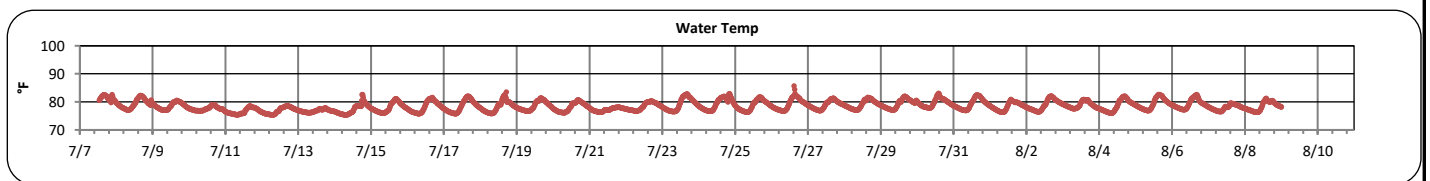
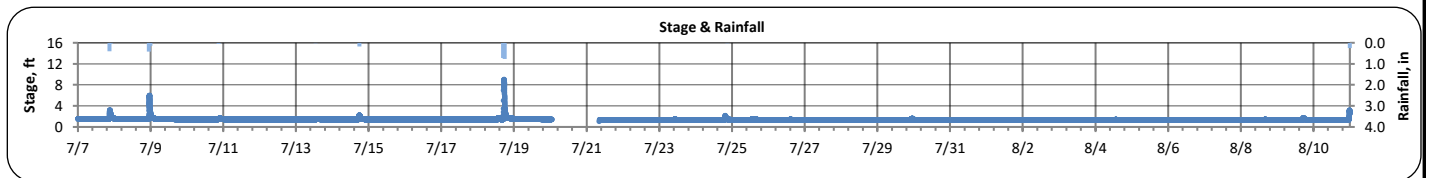


# Continuous Water Quality Monitoring Periodic Report

Rocky Branch A (July 7, 2022 - August 10, 2022)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Rocky Branch	STAGE (FT):	0.0	9.1	1.4	1.4	0.2
LOCATION:	Maxcy Gregg Park	TEMPERATURE (°F):	75	86	78	79	2
ADDRESS:	1650 Park Circle Columbia, SC 29201	TURBIDITY (NTU):	3	917	6	19	79
COORDINATES:	33.995864, -81.021842	pH:	6.4	7.0	6.7	6.7	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.016	2.205	0.149	0.148	0.047
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.7	9.5	7.0	7.1	0.9
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	6						
MAX. DAILY RAINFALL:	1.5 inches						
TOTAL RAINFALL (FOR PERIOD):	3.1 inches						



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

REPORT GENERATED ON 9/12/2022

**Continuous Water Quality  
Monitoring Periodic Report**

**Rocky Branch A (July 7, 2022 - August 10, 2022)**

**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)								
	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)								

No samples were collected during this monitoring period.

**Notes:**

Data Gaps

There was a gap in stage data from July 19th to July 21st due to instrument communication errors.

Potential Illicit Discharges and Abnormal Events:

Specific conductivity increased several times throughout the monitoring period, but most notably on July 26th, which may have been a result of the Maxcy Gregg pool discharge.

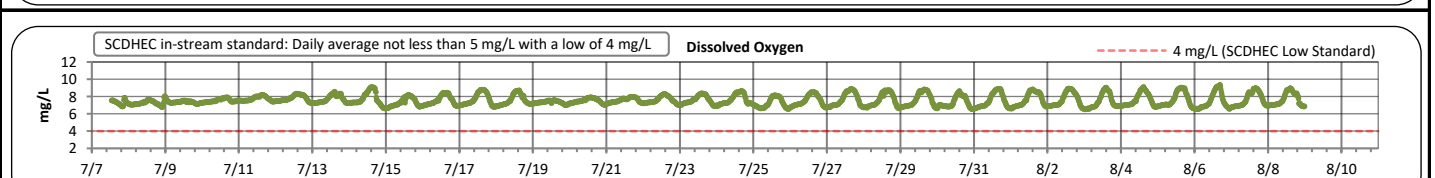
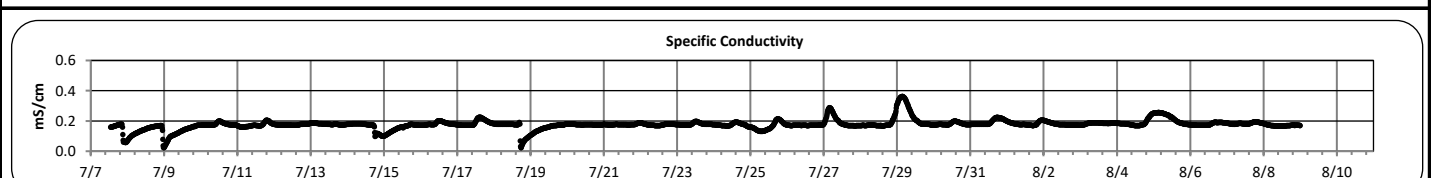
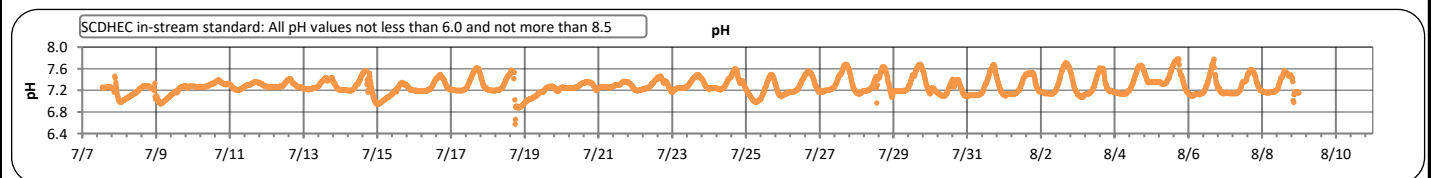
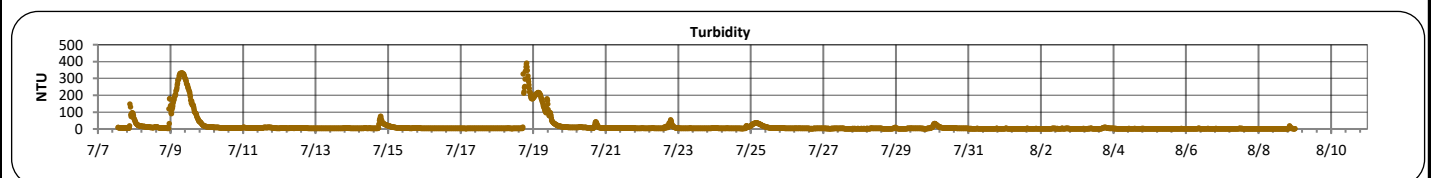
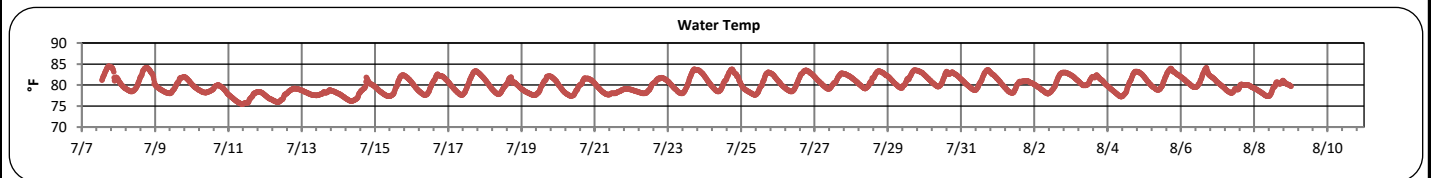
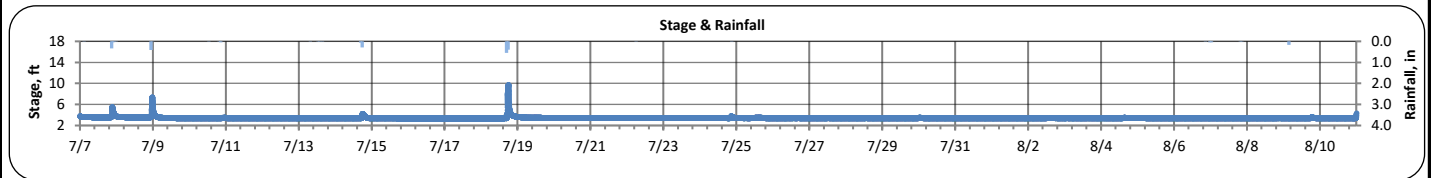
Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

REPORT GENERATED ON 9/12/2022

# Continuous Water Quality Monitoring Periodic Report

Rocky Branch B (July 7, 2022 - August 10, 2022)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Rocky Branch	STAGE (FT):	3.3	9.8	3.4	3.4	0.3
LOCATION:	Olympia Ave Crossing	TEMPERATURE (°F):	76	85	80	80	2
ADDRESS:	510 Heyward St Columbia, SC 29201	TURBIDITY (NTU):	2	392	4	16	47
COORDINATES:	33.982578, -81.035036	pH:	6.6	7.8	7.3	7.3	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.023	0.362	0.176	0.177	0.032
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.5	9.4	7.4	7.6	0.6
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	0.9 inches						
TOTAL RAINFALL (FOR PERIOD):	2.6 inches						



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

REPORT GENERATED ON 9/12/2022

**Continuous Water Quality  
Monitoring Periodic Report**

**Rocky Branch B (July 7, 2022 - August 10, 2022)**

**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	
	7/8/2022		7/14/2022		7/20/2022			
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:23	264	9:00	654	9:07	682		
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Samples 1 - 3 were collected during dry weather conditions.

**Notes:**

Data Gaps

There were no data gaps at the ROCB station during the monitoring period.

Potential Illicit Discharges and Abnormal Events:

The specific conductivity increased several times during the monitoring period, which may have been a result of the Maxcy Gregg pool discharge.