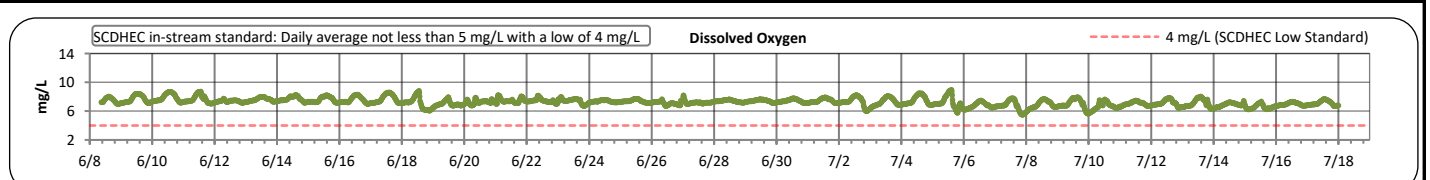
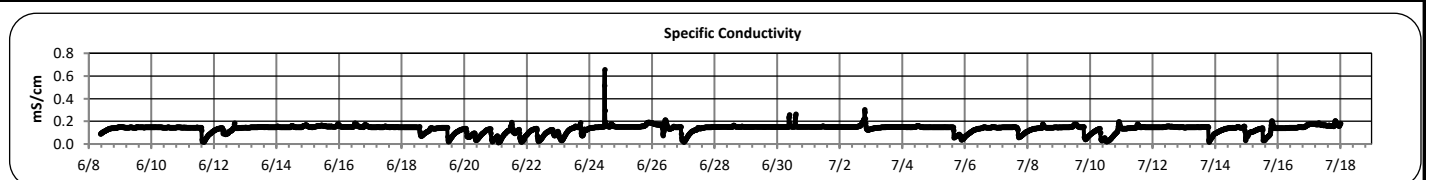
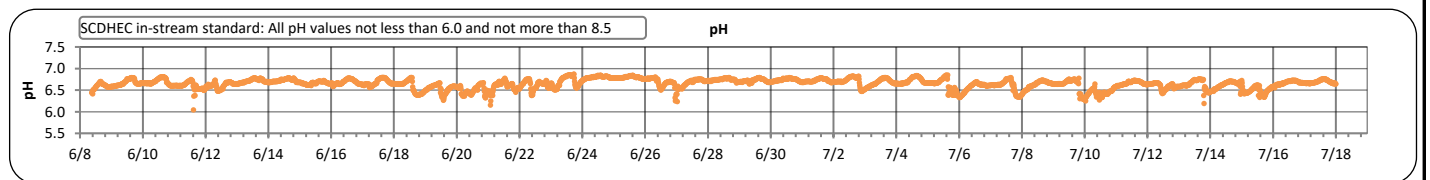
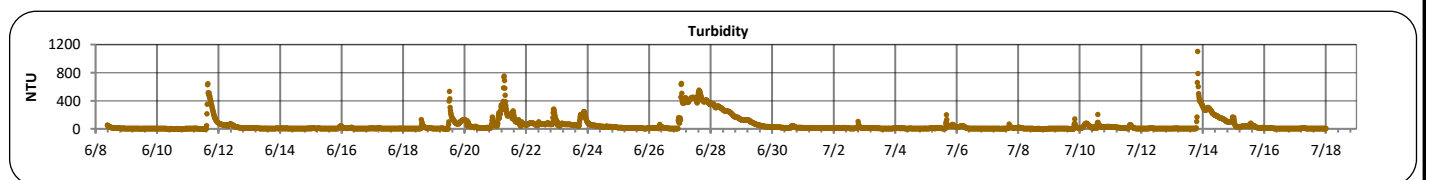
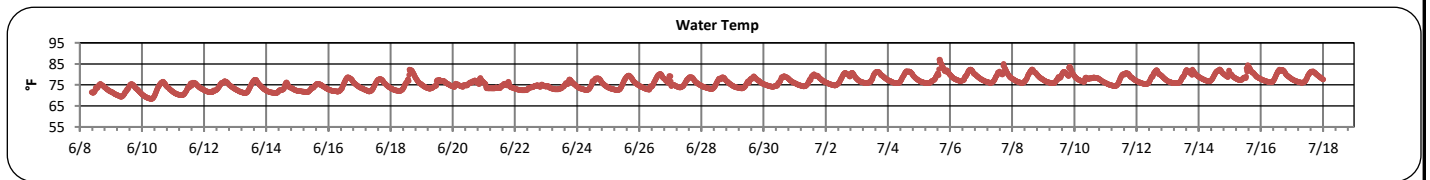
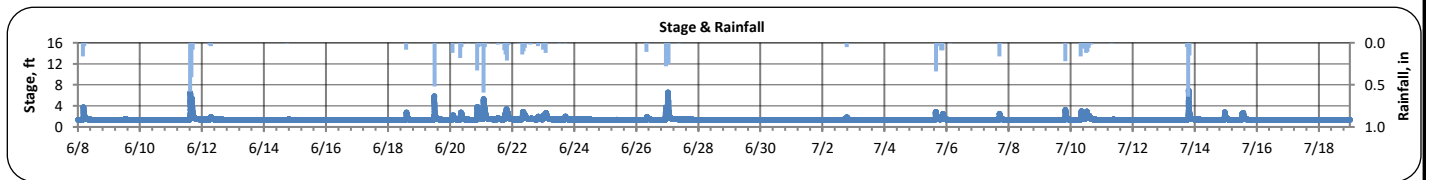


# Continuous Water Quality Monitoring Periodic Report

Rocky Branch A (June 8, 2023 - July 18, 2023)

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	6.6	1.4	1.5	0.3
LOCATION:	Maxcy Gregg Park	TEMPERATURE (°F):	68	87	76	76	3
ADDRESS:	1650 Park Circle Columbia, SC 29201	TURBIDITY (NTU):	3	1103	11	52	99
COORDINATES:	33.995864, -81.021842	pH:	6.1	6.9	6.7	6.7	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.013	0.654	0.148	0.136	0.035
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.5	9.0	7.3	7.3	0.5
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	16						
MAX. DAILY RAINFALL:	1.2 inches						
TOTAL RAINFALL (FOR PERIOD):	8.2 inches						



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

REPORT GENERATED ON 8/16/2023

**Continuous Water Quality  
Monitoring Periodic Report**

**Rocky Branch A (June 8, 2023 - July 18, 2023)**

**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					
	6/22/2023		6/22/2023					
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:45	7,310	10:55	3,680				
Total Suspended Solids (mg/L)	9:45	80.5	10:55	47.4				
Total Phosphorus (mg/L)	9:45	0.16	10:55	0.13				
Total Nitrogen (mg/L)	9:45	0.88	10:55	0.80				

**Notes:**

Data Gaps

There were no data gaps at ROCA during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

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

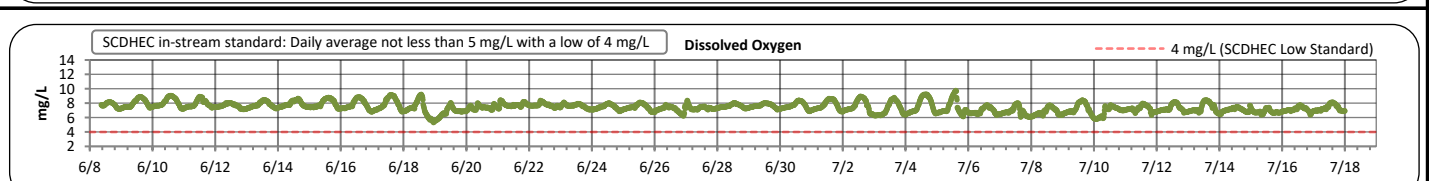
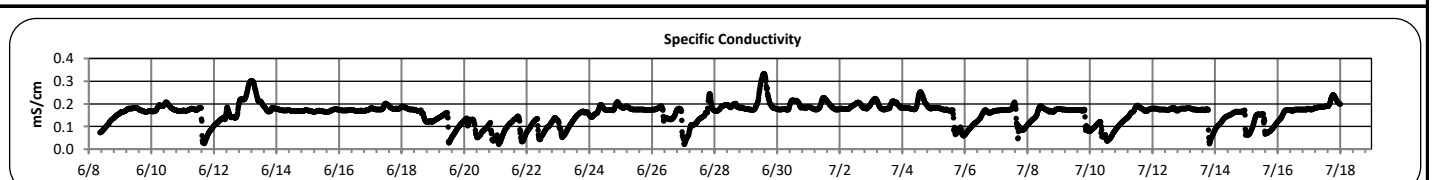
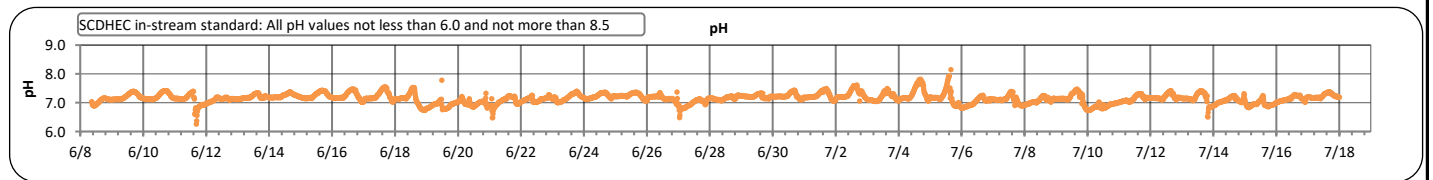
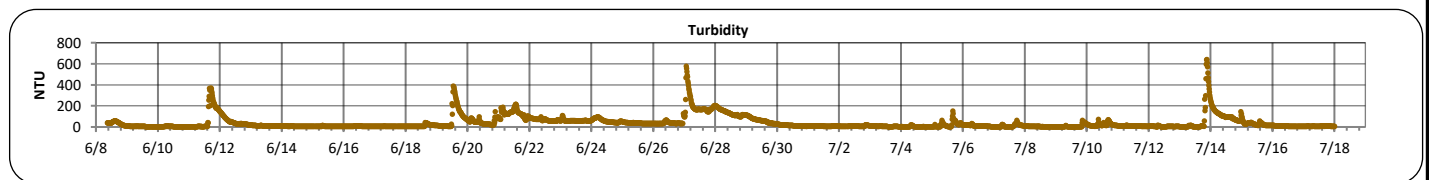
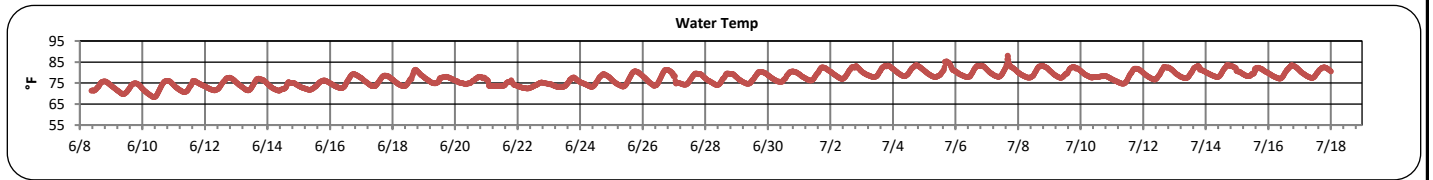
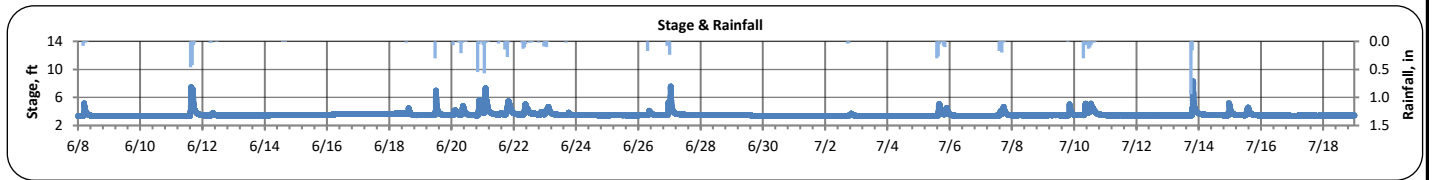
Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

REPORT GENERATED ON 8/16/2023

# Continuous Water Quality Monitoring Periodic Report

Rocky Branch B (June 8, 2023 - July 18, 2023)

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	7.6	3.5	3.6	0.4
LOCATION:	Olympia Ave Crossing	TEMPERATURE (°F):	68	88	78	77	3
ADDRESS:	510 Heyward St Columbia, SC 29201	TURBIDITY (NTU):	2	642	12	40	63
COORDINATES:	33.982578, -81.035036	pH:	6.3	8.2	7.2	7.2	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.022	0.333	0.172	0.157	0.046
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.4	9.8	7.5	7.5	0.7
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	15						
MAX. DAILY RAINFALL:	1.3 inches						
TOTAL RAINFALL (FOR PERIOD):	8.5 inches						



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

REPORT GENERATED ON 8/16/2023

**Continuous Water Quality  
Monitoring Periodic Report**

**Rocky Branch B (June 8, 2023 - July 18, 2023)**

**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 3	
	6/15/2023		6/22/2023		6/22/2023		6/29/2023	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	10:35	244	9:55	6,150	11:05	6,150	6:30	786
Total Suspended Solids (mg/L)			9:55	32.4	11:05	44.3		
Total Phosphorus (mg/L)			9:55	0.11	11:05	0.13		
Total Nitrogen (mg/L)			9:55	0.84	11:05	0.90		

**Notes:**

Data Gaps

There were no data gaps at ROCB during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

Specific conductivity increased several times during the monitoring period, 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 8/16/2023