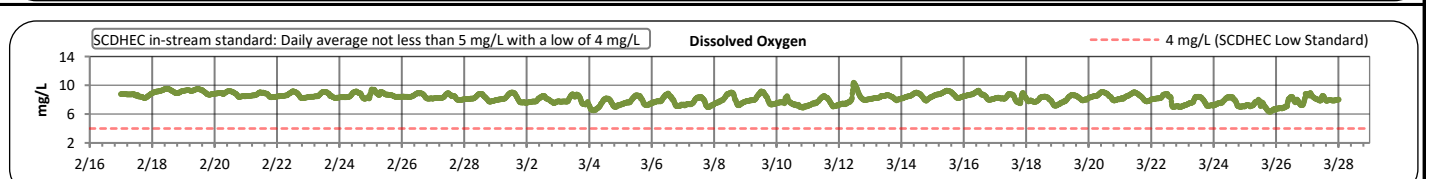
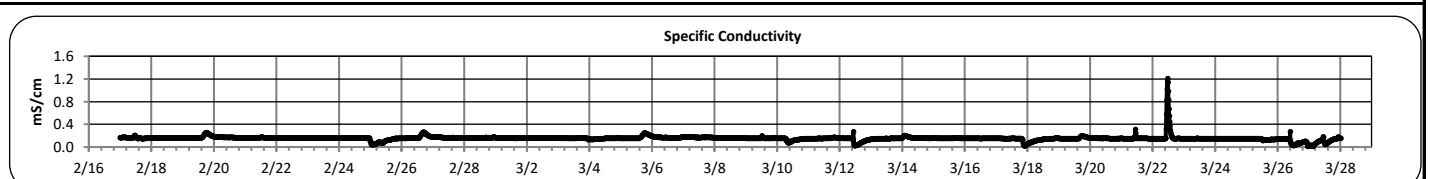
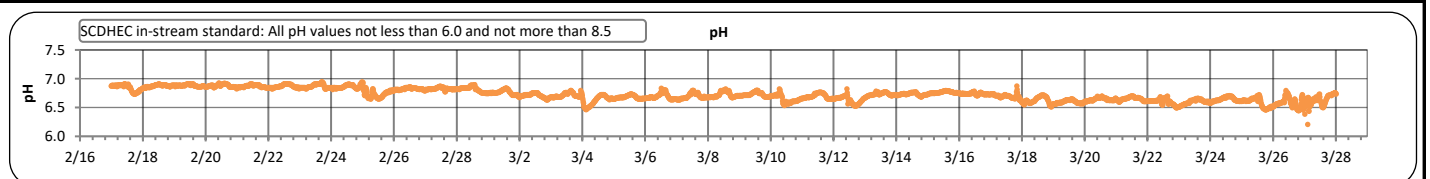
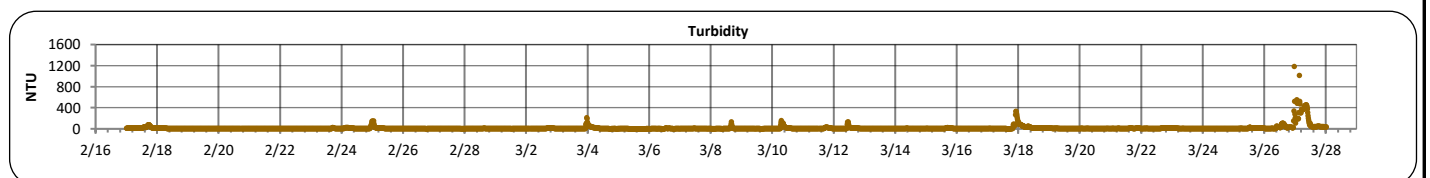
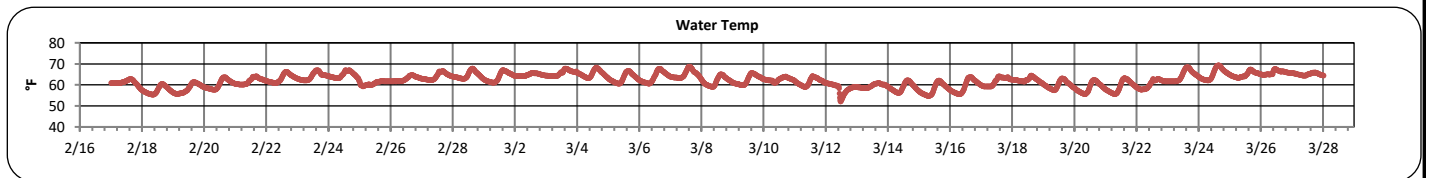
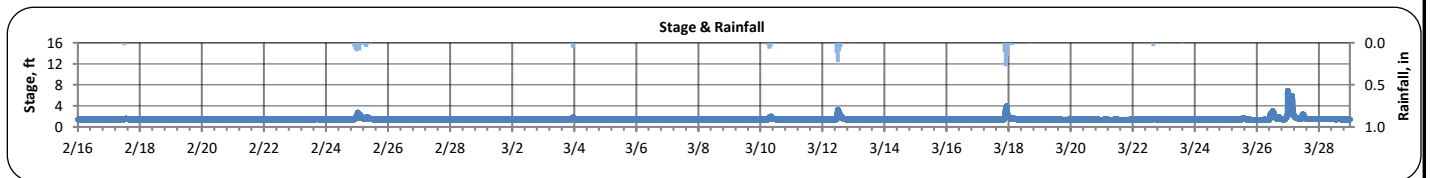


# Continuous Water Quality Monitoring Periodic Report

Rocky Branch A (February 16, 2023 - March 28, 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	4.0	1.4	1.5	0.1
LOCATION:	Maxcy Gregg Park	TEMPERATURE (°F):	52	69	62	62	3
ADDRESS:	1650 Park Circle Columbia, SC 29201	TURBIDITY (NTU):	4	1185	8	17	50
COORDINATES:	33.995864, -81.021842	pH:	6.2	7.0	6.7	6.7	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.011	1.212	0.156	0.155	0.050
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.3	10.4	8.3	8.2	0.6
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	6						
MAX. DAILY RAINFALL:	1.3 inches						
TOTAL RAINFALL (FOR PERIOD):	4.7 inches						



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

REPORT GENERATED ON 4/26/2023

**Continuous Water Quality  
Monitoring Periodic Report**

**Rocky Branch A (February 16, 2023 - March 28, 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)								
	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 were no data gaps at RocA during this monitoring period.

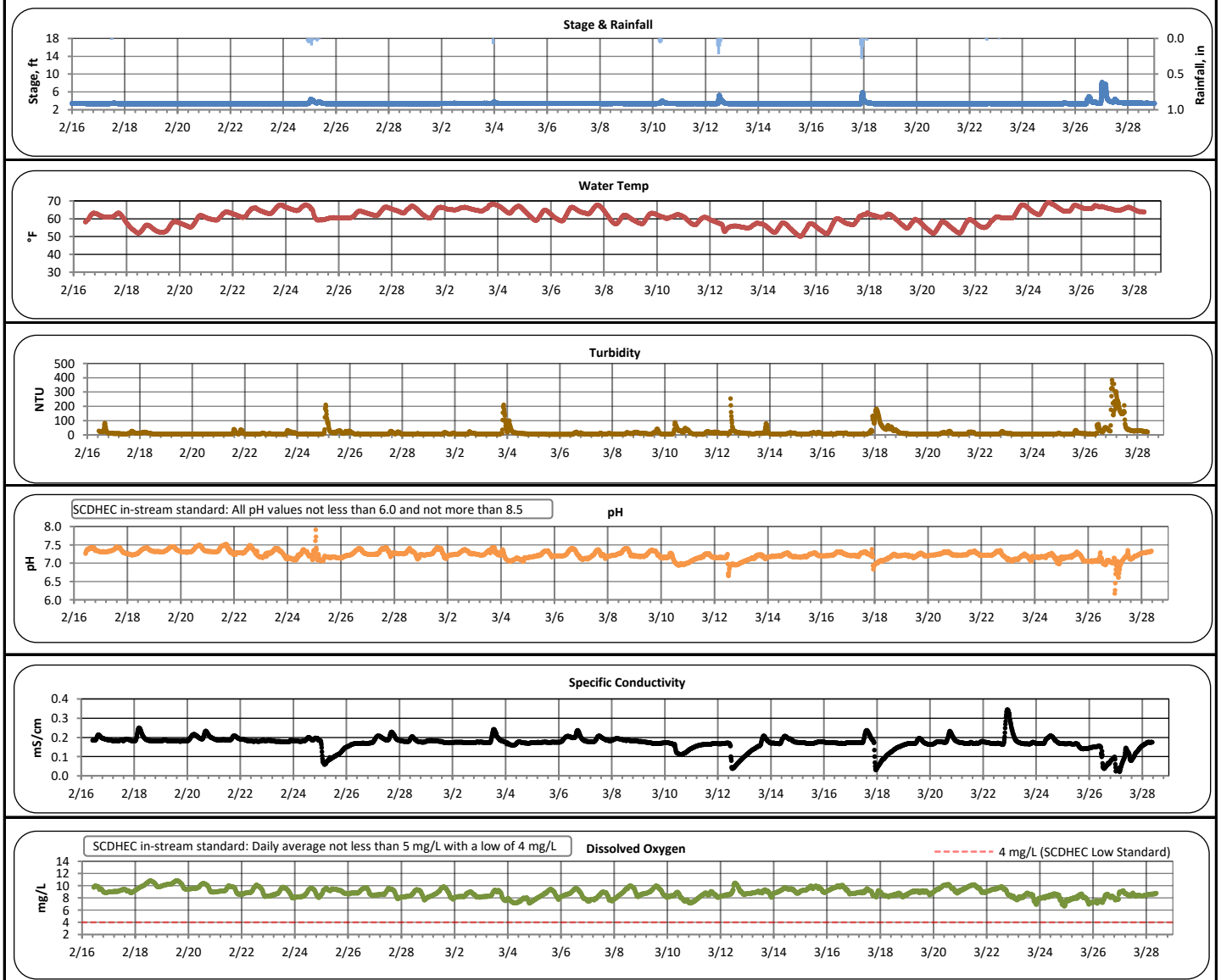
Potential Illicit Discharges and Abnormal Events:

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

# Continuous Water Quality Monitoring Periodic Report

Rocky Branch B (February 16, 2023 - March 28, 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):	3.3	5.9	3.4	3.4	0.1
LOCATION:	Olympia Ave Crossing	TEMPERATURE (°F):	50	69	61	61	4
ADDRESS:	510 Heyward St Columbia, SC 29201	TURBIDITY (NTU):	4	384	8	17	31
COORDINATES:	33.982578, -81.035036	pH:	6.2	7.9	7.2	7.2	0.1
TMDL/IMPAIRED:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.021	0.345	0.175	0.171	0.035
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.7	10.9	8.9	8.9	0.7
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	1.3 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

REPORT GENERATED ON 4/26/2023

**Continuous Water Quality  
Monitoring Periodic Report**

**Rocky Branch B (February 16, 2023 - March 28, 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)								
	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 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.