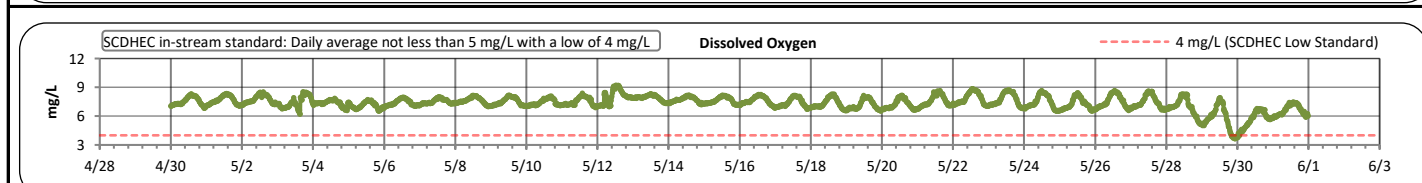
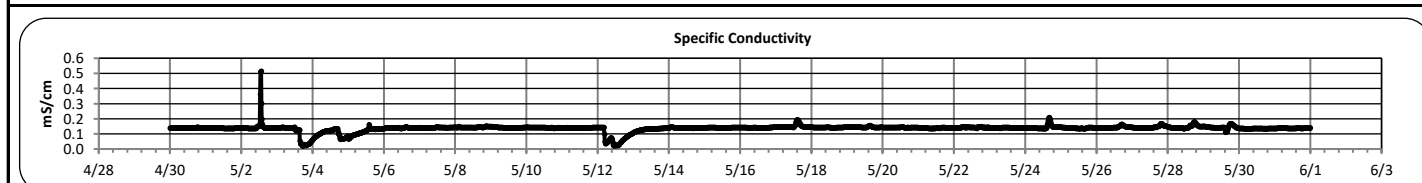
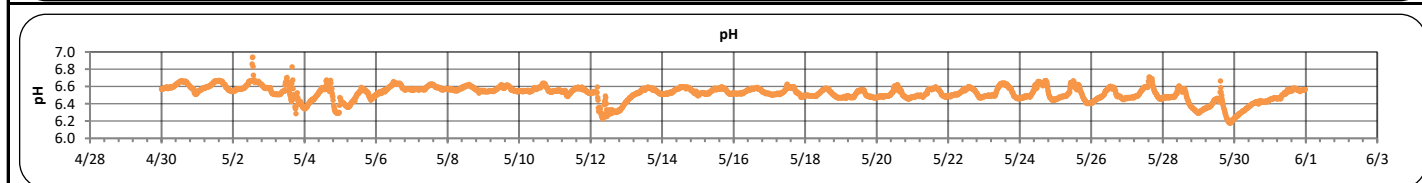
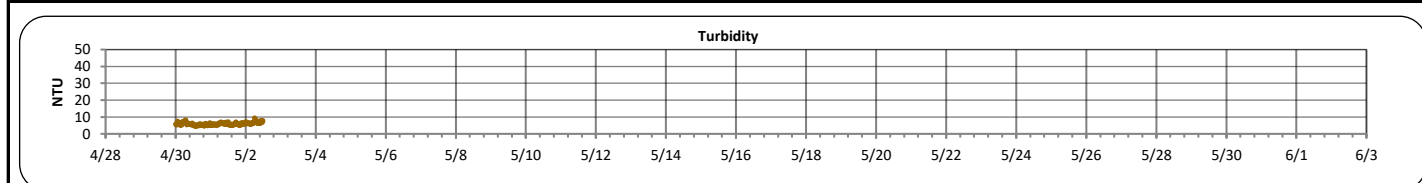
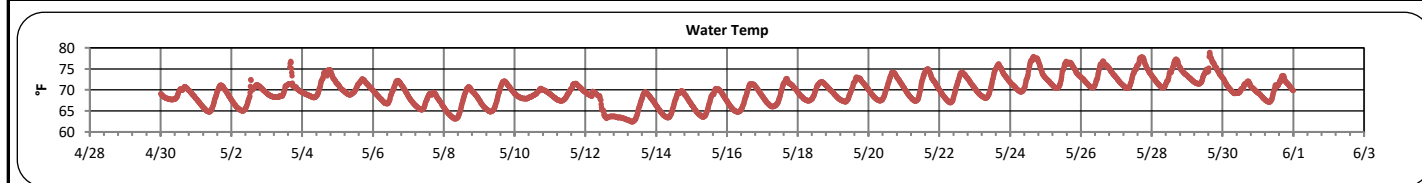
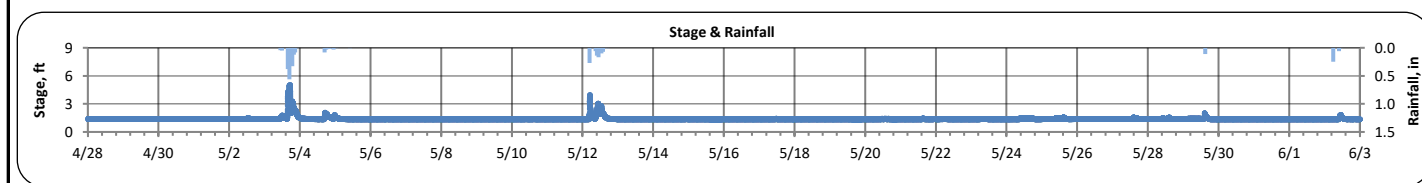


Rocky Branch A (April 28, 2021 - June 2, 2021)

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	5.1	1.4	1.4	0.2
LOCATION:	Maxcy Gregg Park	TEMPERATURE (°F):	62	79	70	70	3
ADDRESS:	1650 Park Circle Columbia, SC 29201	TURBIDITY (NTU):	5	9	6	6	1
COORDINATES:	33.995864, -81.021842	pH:	6.2	6.9	6.5	6.5	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.019	0.515	0.140	0.136	0.024
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	3.7	9.3	7.4	7.4	0.8
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	6						
MAX. DAILY RAINFALL:	1.6 inches						
TOTAL RAINFALL (FOR PERIOD):	3.2 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 (April 28, 2021 - June 2, 2021)

Explanation of Statistics:

MINIMUM OBSERVED	The minimum of the values recorded by the datasonde in 15 minute intervals.
MAXIMUM OBSERVED	The maximum of the values recorded by the datasonde in 15 minute intervals.
MEDIAN OBSERVED	The median of all the values recorded by the datasonde in 15 minute intervals.
MEAN OBSERVED	The average of all the values recorded by the datasonde in 15 minute intervals.
STANDARD DEVIATION	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	
	5/12/2021		5/12/2021		5/12/2021			
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	11:22	4,564	13:04	4,564	14:26	6,510		
Total Suspended Solids (mg/L)	11:22	14.4	13:04	16.2	14:26	8.1		
Total Phosphorus (mg/L)	11:22	0.1	13:04	0.12	14:26	0.095		
Total Nitrogen (mg/L)	11:22	1.23	13:04	0.84	14:26	0.92		

All samples were collected during wet weather conditions.

Notes:

Data Gaps

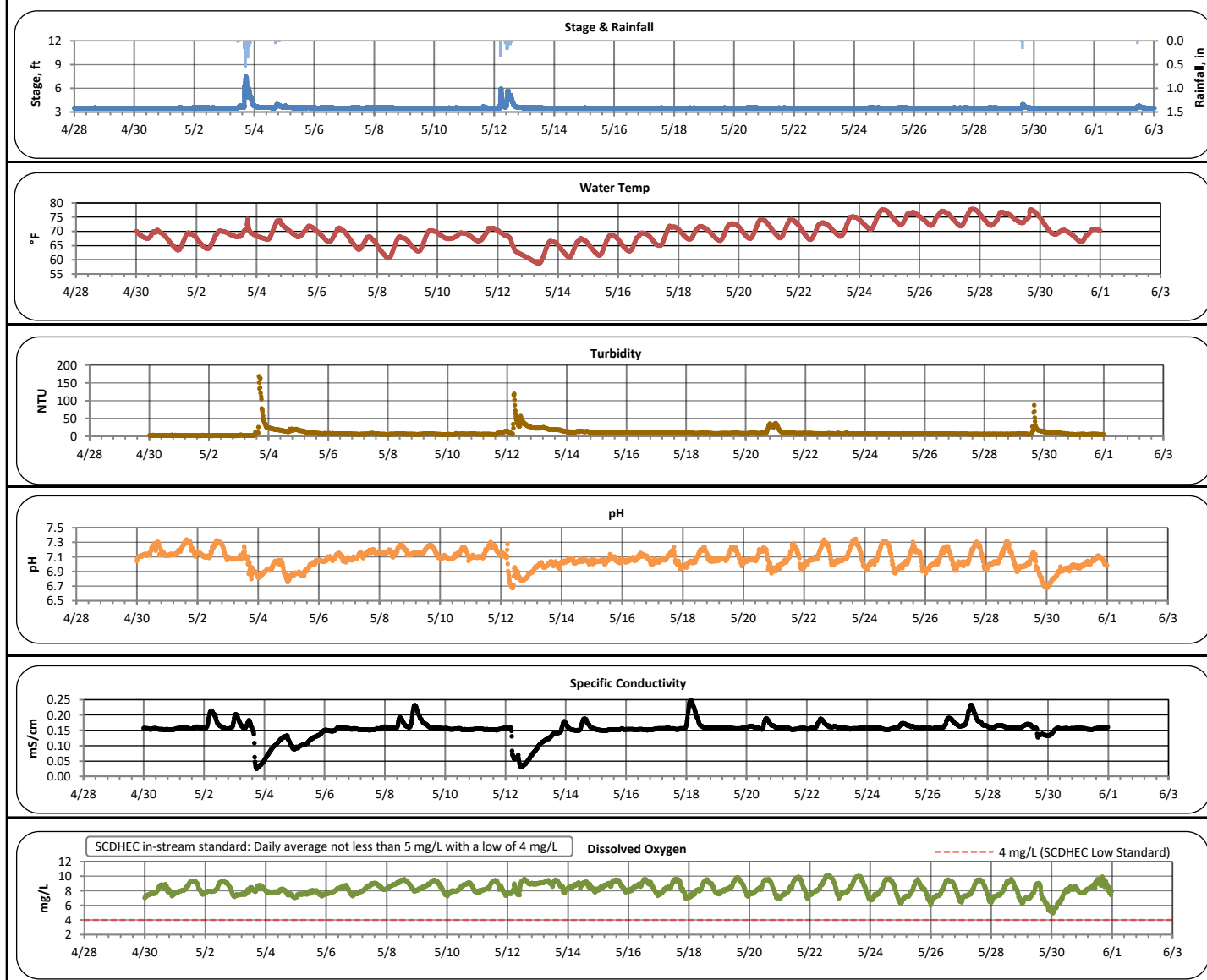
Turbidity data was removed from May 2nd until the end of the monitoring period because the sensor was damaged and recorded erroneous data.

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.

Rocky Branch B (April 28, 2021 - June 2, 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):	3.5	7.5	3.5	3.6	0.2
LOCATION:	Olympia Ave Crossing	TEMPERATURE (°F):	59	78	69	69	4
ADDRESS:	510 Heyward St Columbia, SC 29201	TURBIDITY (NTU):	2	169	8	10	11
COORDINATES:	33.982578, -81.035036	pH:	6.7	7.4	7.1	7.1	0.1
TMDL/IMPAIEMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.025	0.249	0.157	0.153	0.028
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.0	10.2	8.3	8.3	0.8
SPATIAL LOCATION:	Most Downstream Site						
TOTAL NO. STORMS OVER 0.1 INCH:	5						
MAX. DAILY RAINFALL:	1.4 inches						
TOTAL RAINFALL (FOR PERIOD):	2.9 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 (April 28, 2021 - June 2, 2021)

Explanation of Statistics:

MINIMUM OBSERVED	The minimum of the values recorded by the datasonde in 15 minute intervals.
MAXIMUM OBSERVED	The maximum of the values recorded by the datasonde in 15 minute intervals.
MEDIAN OBSERVED	The median of all the values recorded by the datasonde in 15 minute intervals.
MEAN OBSERVED	The average of all the values recorded by the datasonde in 15 minute intervals.
STANDARD DEVIATION	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	
	5/12/2021		5/12/2021		5/12/2021			
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	11:44	6,510	13:18	2,708	14:40	3,564		
Total Suspended Solids (mg/L)	11:44	27	13:18	18	14:40	11.1		
Total Phosphorus (mg/L)	11:44	0.12	13:18	0.11	14:40	0.091		
Total Nitrogen (mg/L)	11:44	1.0	13:18	0.97	14:40	0.98		

All samples were collected during wet weather conditions.

Notes:

Data Gaps

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

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.