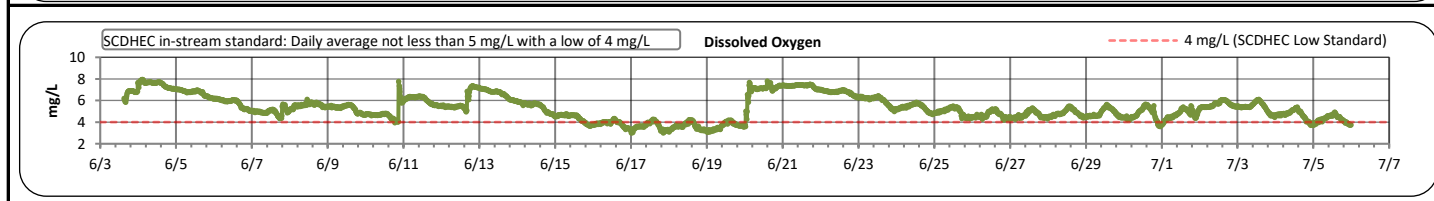
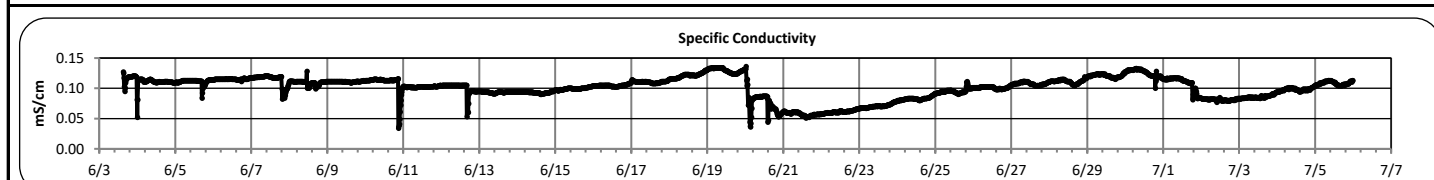
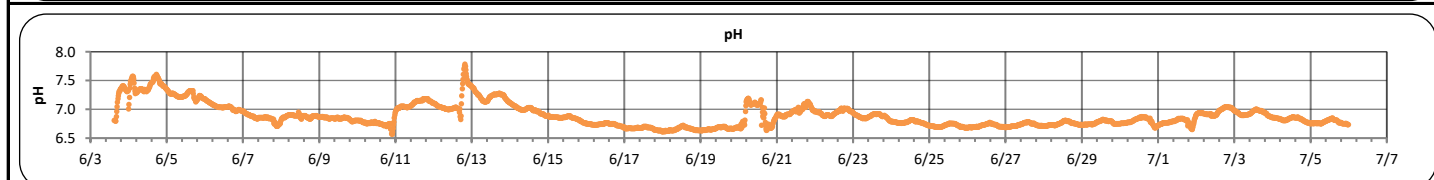
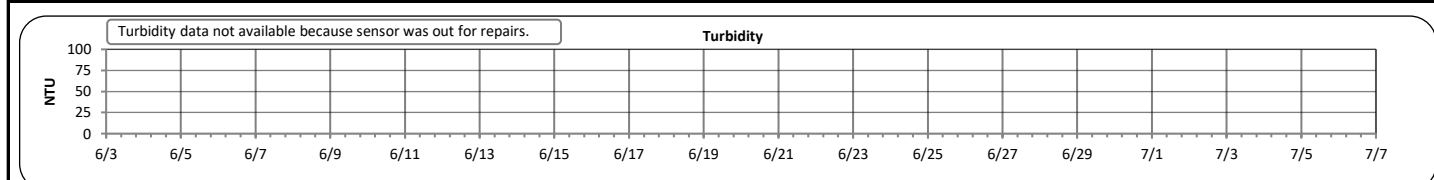
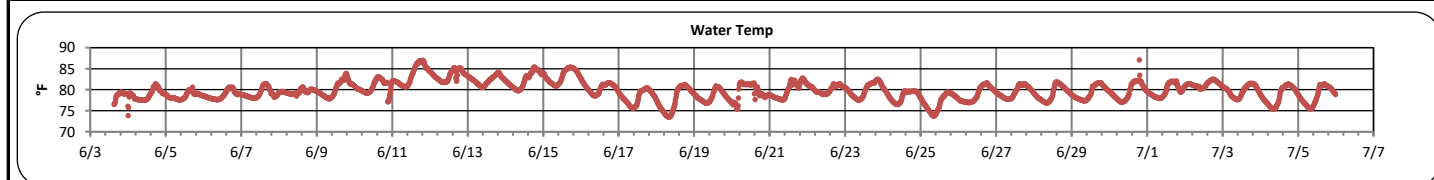
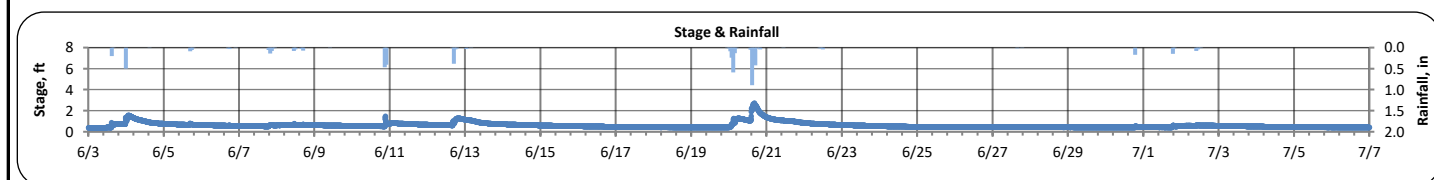


**Kinley Creek A (June 3, 2021 - July 6, 2021)**

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Kinley Creek	STAGE (FT):	0.4	2.7	0.5	0.6	0.3
LOCATION:	Longhorn Steakhouse	TEMPERATURE (°F):	74	87	80	80	2
ADDRESS:	171 Harbison Blvd Columbia, SC 29212	TURBIDITY (NTU):	-	-	-	-	-
COORDINATES:	34.069897, -81.164592	pH:	6.6	7.8	6.8	6.9	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.034	0.136	0.105	0.101	0.018
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	3.0	8.0	5.2	5.3	1.1
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	13						
MAX. DAILY RAINFALL:	2.5 inches						
TOTAL RAINFALL (FOR PERIOD):	6.0 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**

**Kinley Creek A (June 3, 2021 - July 6, 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

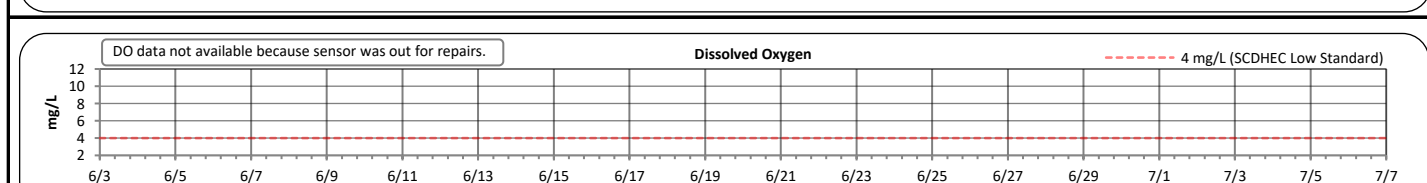
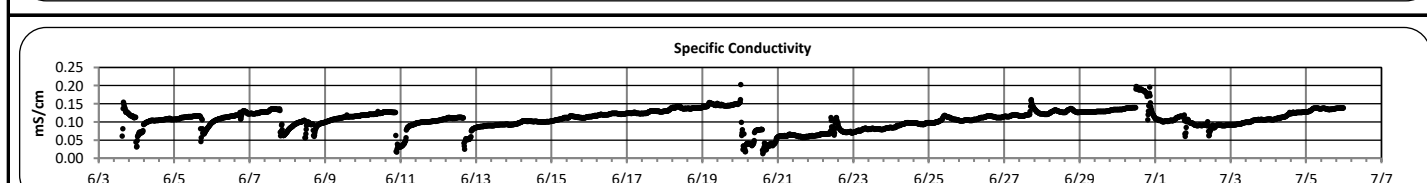
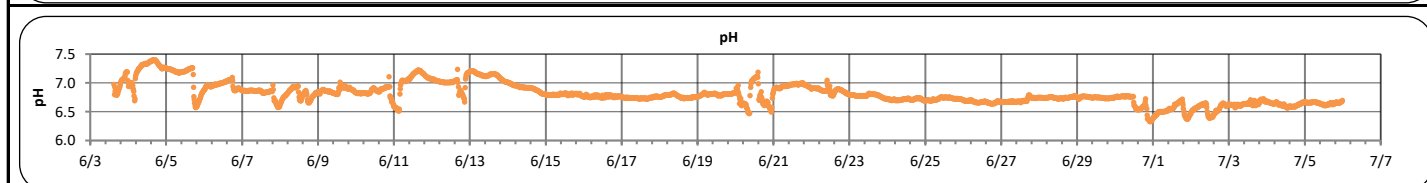
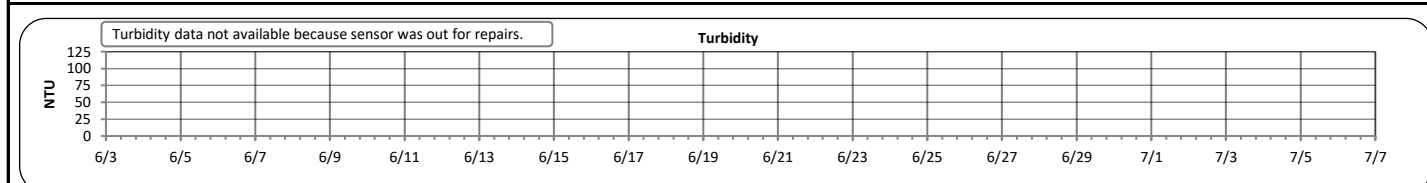
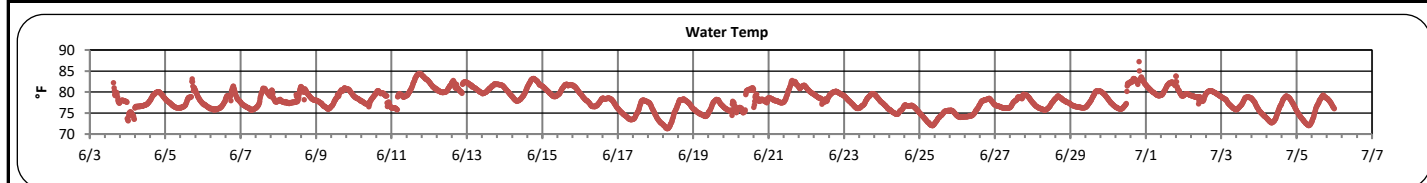
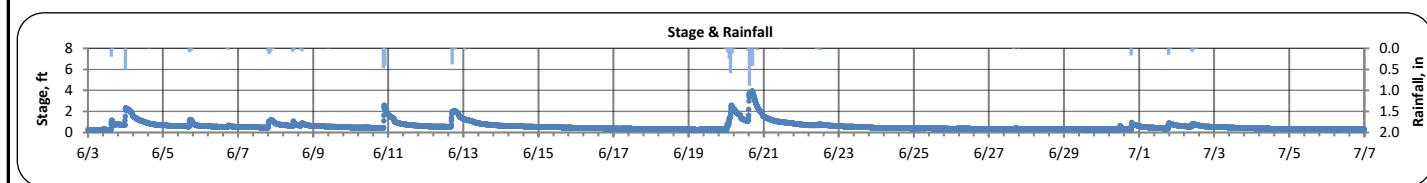
- Turbidity data was not collected during this monitoring period, because the sensor was out for repairs.

Potential Illicit Discharges and Abnormal Events:

- The specific conductivity increased on June 8<sup>th</sup> and June 25<sup>th</sup> which may have been the result of illicit discharges.
- The DO concentration was low throughout the monitoring period, except during rain events, because KINA had a small baseflow. The water remained mostly stagnant, which contributed to lower DO levels, until the influx of stormwater increased the stage and flow.

**Kinley Creek B (June 3, 2021 - July 6, 2021)**

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Kinley Creek	STAGE (FT):	0.3	4.0	0.5	0.6	0.4
LOCATION:	Broken Hill Rd	TEMPERATURE (°F):	71	90	78	78	2
ADDRESS:	609 Broken Hill Rd Columbia, SC 29212	TURBIDITY (NTU):	-	-	-	-	-
COORDINATES:	34.06635, -81.159986	pH:	6.3	7.4	6.8	6.8	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.013	0.203	0.110	0.107	0.026
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	-	-	-	-	-
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	13						
MAX. DAILY RAINFALL:	2.5 inches						
TOTAL RAINFALL (FOR PERIOD):	6.0 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**

**Kinley Creek B (June 3, 2021 - July 6, 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

DO and turbidity data was not collected during this monitoring period, because the sensors were out for repairs.

Potential Illicit Discharges and Abnormal Events:

The specific conductivity increased on June 22<sup>nd</sup>, June 27<sup>th</sup>, and June 30<sup>th</sup>, which may have been the result of illicit discharges.