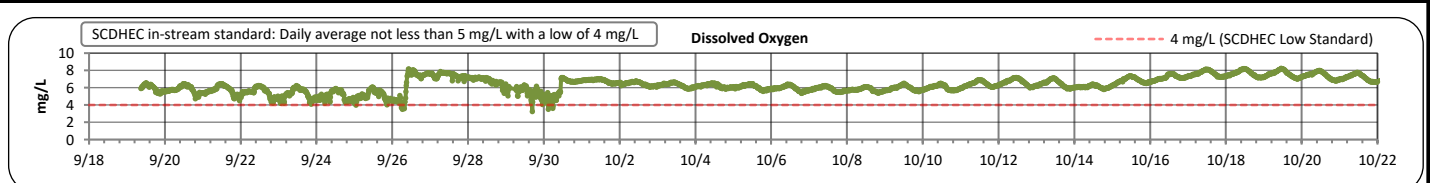
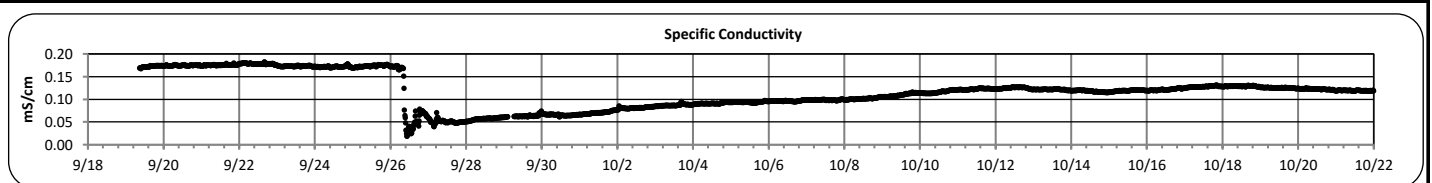
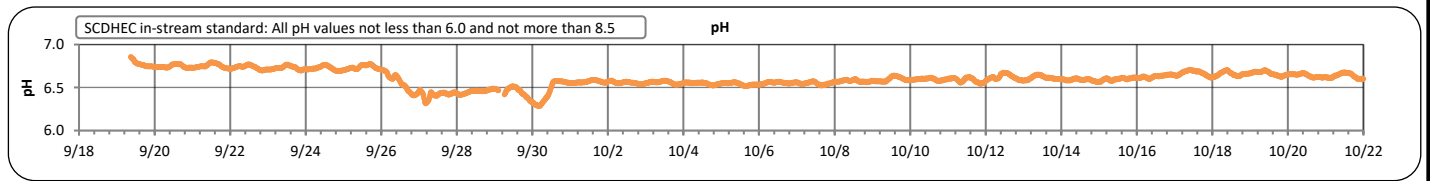
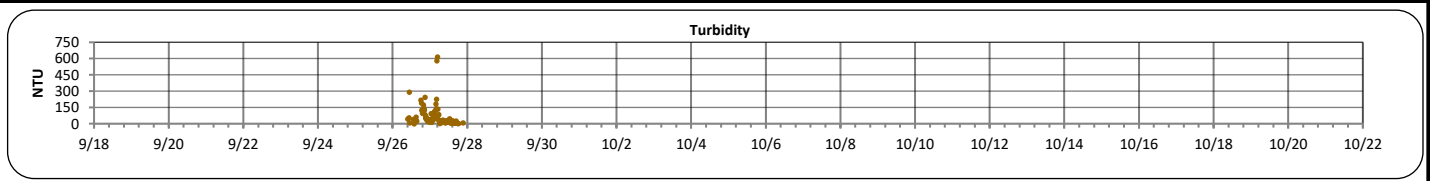
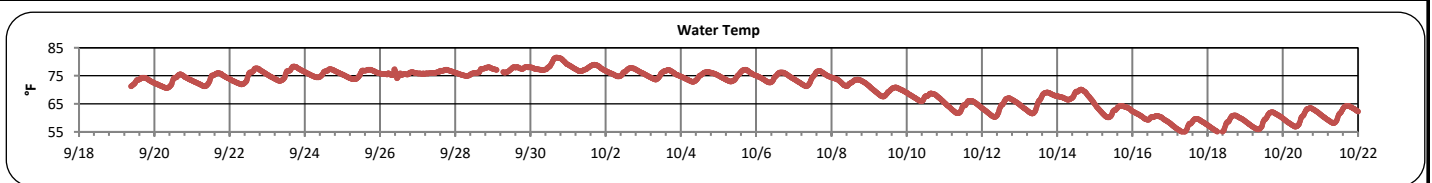
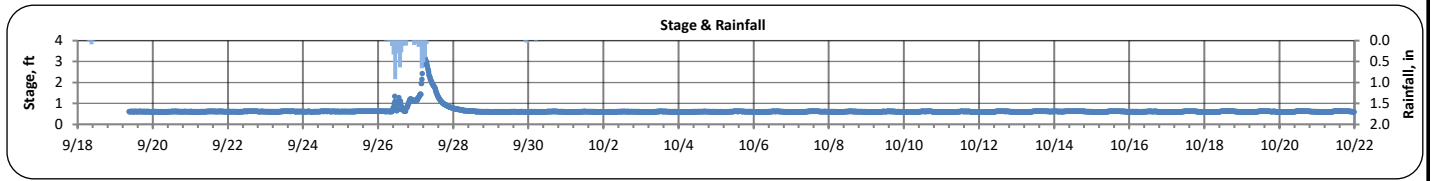


# Continuous Water Quality Monitoring Periodic Report

Kinley Creek A (September 18, 2024 - October 22, 2024)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Kinley Creek	STAGE (FT):	0.6	3.2	0.6	0.7	0.2
LOCATION:	Longhorn Steakhouse	TEMPERATURE (°F):	55	82	73	70	7
ADDRESS:	171 Harbison Blvd Columbia, SC 29212	TURBIDITY (NTU):	0	615	30	63	96
COORDINATES:	34.069897, -81.164592	pH:	6.3	6.9	6.6	6.6	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.019	0.183	0.119	0.116	0.038
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	3.3	8.3	6.3	6.4	0.9
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	3.3 inches						
TOTAL RAINFALL (FOR PERIOD):	5.5 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 (August 15, 2024 - September 17, 2024)**

**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:** All samples were collected in wet weather conditions during this monitoring period.

Analyte (units)	Sample 1							
	9/26/2024							
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	12:58	11,600						
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

**Notes:**

Data Gaps

Calibration period occurred from 9/17-9/19. Data gap present in turbidity data due to sensor failure during the majority of this monitoring period.

Potential Illicit Discharges and Abnormal Events:

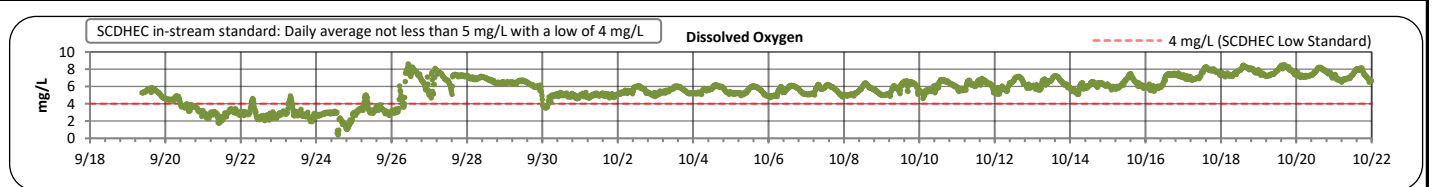
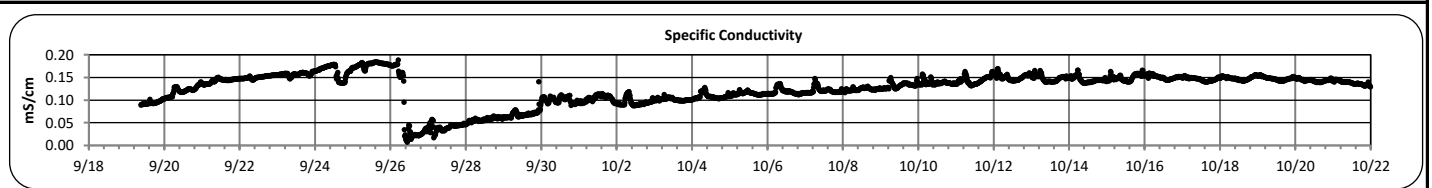
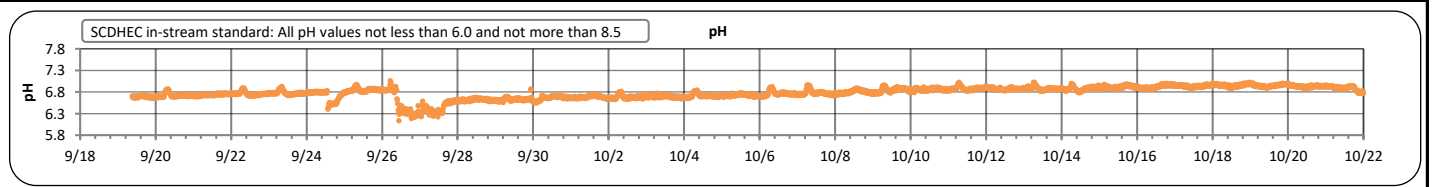
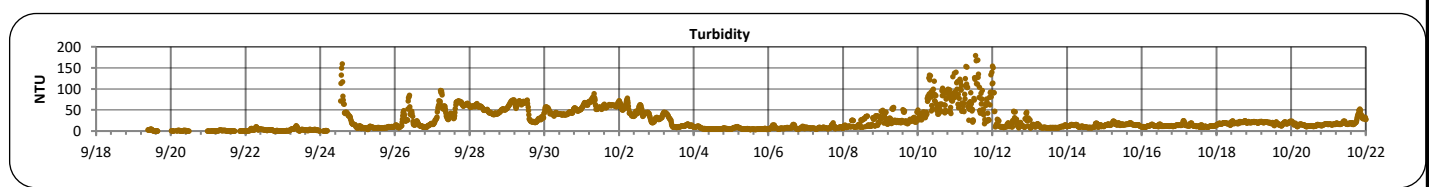
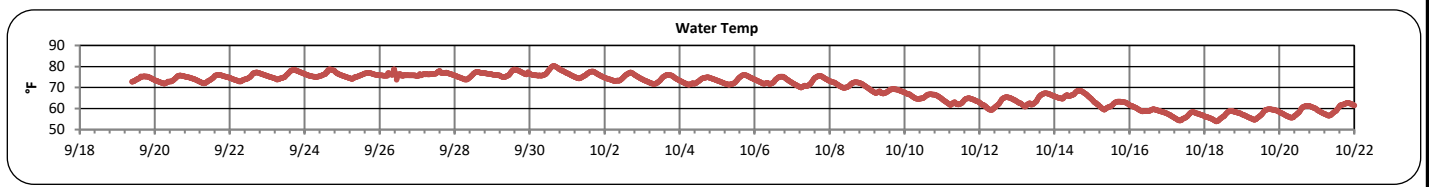
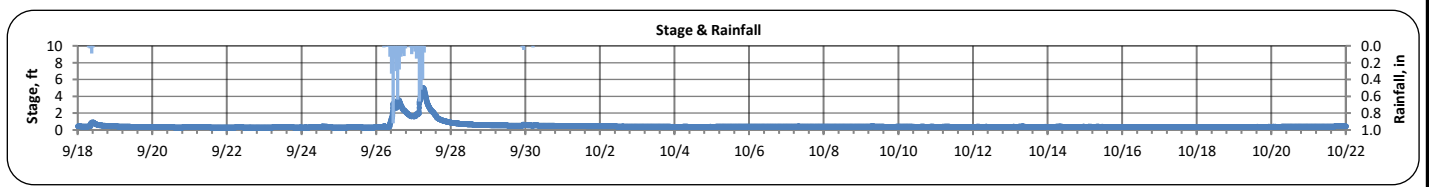
Hurricane Helene impacted this monitoring period on 9/26-9/27.

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 (September 18, 2024 - October 22, 2024)

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	5.0	0.4	0.5	0.5
LOCATION:	Broken Hill Rd	TEMPERATURE (°F):	54	80	73	69	7
ADDRESS:	609 Broken Hill Rd Columbia, SC 29212	TURBIDITY (NTU):	0.0	179.3	15.6	25.1	24.7
COORDINATES:	34.06635, -81.159986	pH:	6.1	7.1	6.8	6.8	0.1
TMDL/IMPAIRED:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.007	0.189	0.136	0.125	0.034
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	0.4	8.6	5.9	5.7	1.6
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	3.3 inches						
TOTAL RAINFALL (FOR PERIOD):	5.5 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 (September 18, 2024 - October 22, 2024)**

**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:** All samples were collected in wet weather conditions during this monitoring period.

Analyte (units)	Sample 1							
	9/26/2024							
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	13:12	16,300						
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

**Notes:**

Data Gaps

Calibration period occurred 9/17-9/19. Data gap present on 9/20 and 9/21 in turbidity due to partial unsubmergence.

Potential Illicit Discharges and Abnormal Events:

Hurricane Helene impacted this monitoring period on 9/26-9/27. Construction in and around stream seen in turbidity data between 10/10 and 10/12.

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