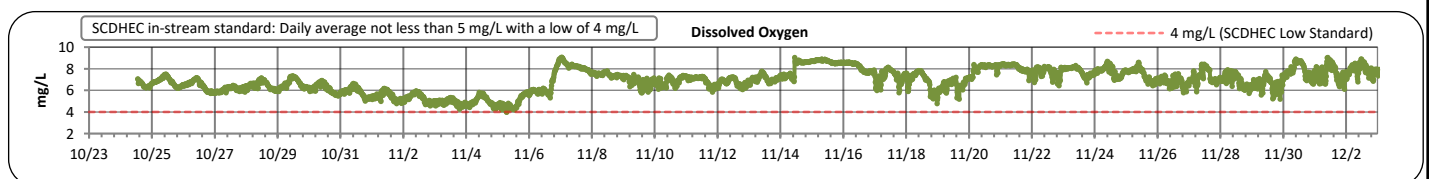
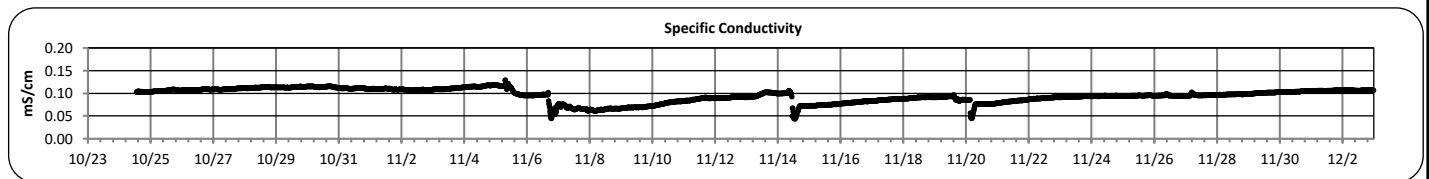
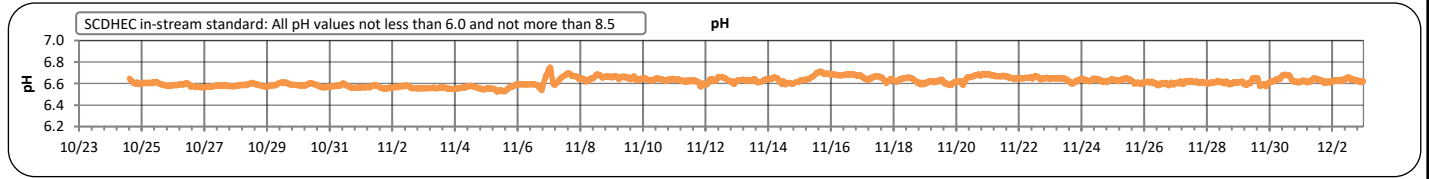
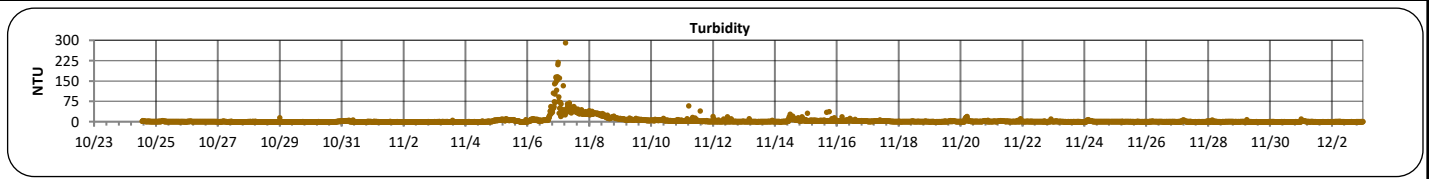
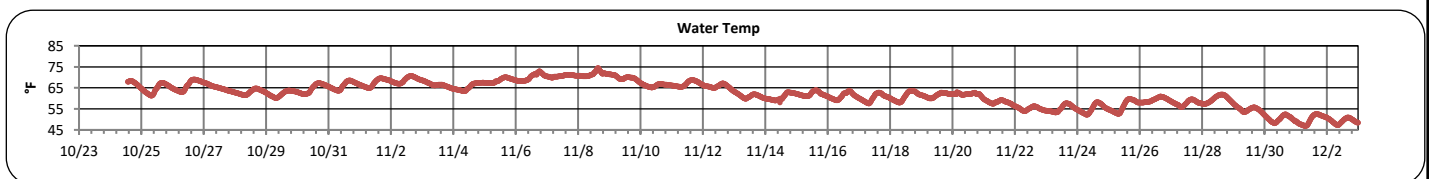
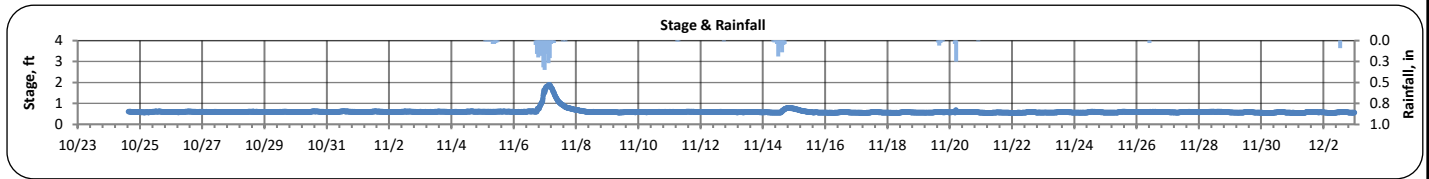


# Continuous Water Quality Monitoring Periodic Report

Kinley Creek A (October 23, 2024 - December 03, 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	1.9	0.6	0.6	0.1
LOCATION:	Longhorn Steakhouse	TEMPERATURE (°F):	46	74	62	62	6
ADDRESS:	171 Harbison Blvd Columbia, SC 29212	TURBIDITY (NTU):	0	291	1	4	13
COORDINATES:	34.069897, -81.164592	pH:	6.5	6.8	6.6	6.6	0.0
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.043	0.129	0.096	0.095	0.015
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.0	9.1	7.0	6.9	1.1
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	1.6 inches						
TOTAL RAINFALL (FOR PERIOD):	3.9 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**

**Kinley Creek A (October 23, 2024 - December 03, 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		Sample 2		Sample 3			
	11/14/2024		11/14/2024		11/14/2024			
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	13:00	16,300	14:19	5,230	15:29	3,700		
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

**Notes:**

Data Gaps

Calibration period occurred from 10/22-10/24.

Potential Illicit Discharges and Abnormal Events:

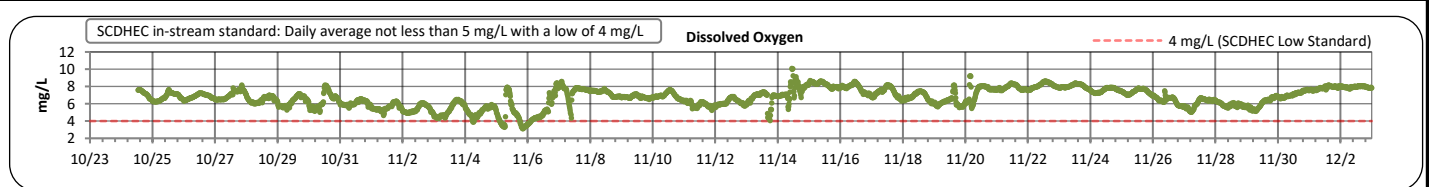
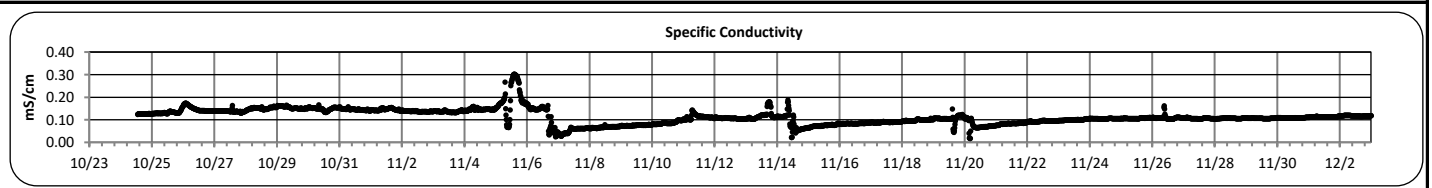
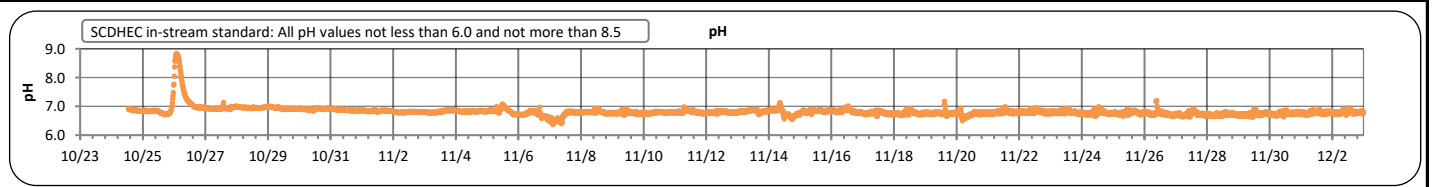
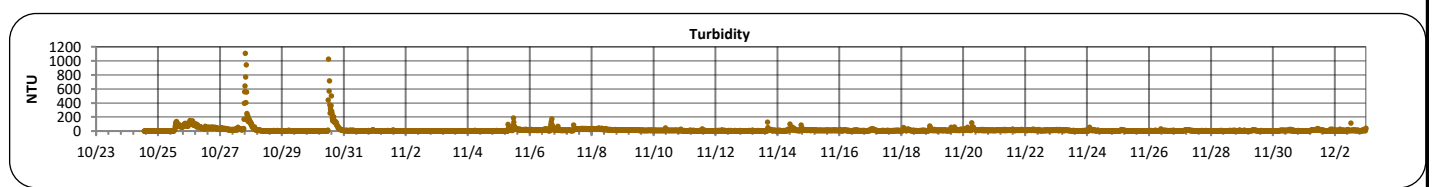
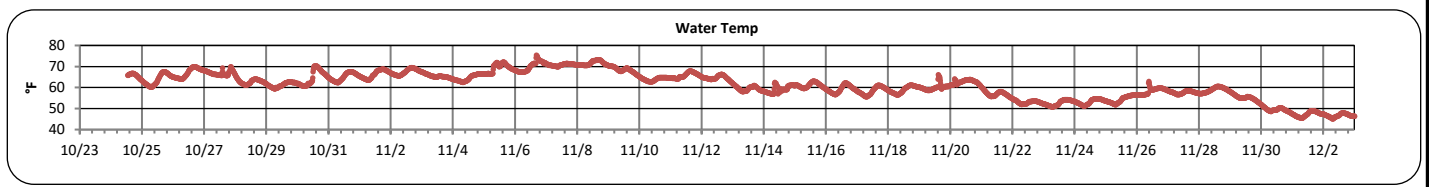
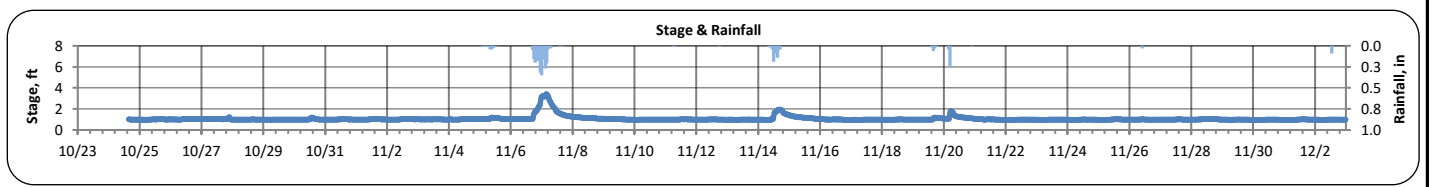
No potential illicit discharges or abnormal events observed this monitoring period.

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 (October 23, 2024 - December 03, 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):	0.9	3.4	1.0	1.1	0.2
LOCATION:	Broken Hill Rd	TEMPERATURE (°F):	45	75	61	61	7
ADDRESS:	609 Broken Hill Rd Columbia, SC 29212	TURBIDITY (NTU):	0.2	1107.4	8.3	17.1	47.1
COORDINATES:	34.06635, -81.159986	pH:	6.4	8.9	6.8	6.8	0.2
TMDL/IMPAIRED:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.017	0.302	0.108	0.113	0.033
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	3.1	10.1	6.8	6.8	1.1
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	1.6 inches						
TOTAL RAINFALL (FOR PERIOD):	3.9 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**

**Kinley Creek B (October 23, 2024 - December 03, 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		Sample 2		Sample 3			
	11/14/2024		11/14/2024		11/14/2024			
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	13:22	7,940	15:47	4,960	14:32	4,720		
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

**Notes:**

Data Gaps

Calibration period occurred 10/22-10/24.

Potential Illicit Discharges and Abnormal Events:

Potential illicit discharge observed on 10/26-27 and 11/6 in pH and specific conductivity data independent from a storm event and accompanied by slight stage increases, this most likely occurred as a result of construction in and around stream.

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