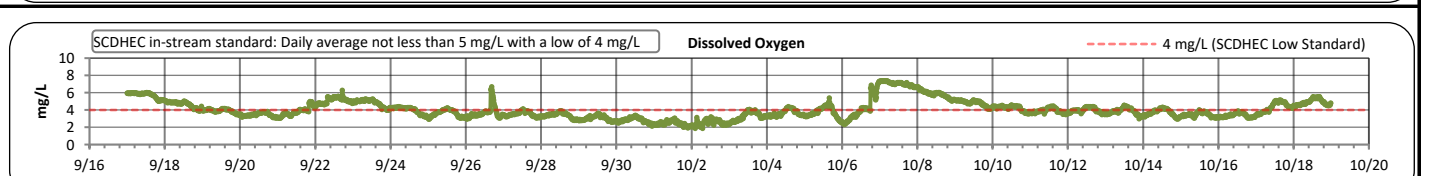
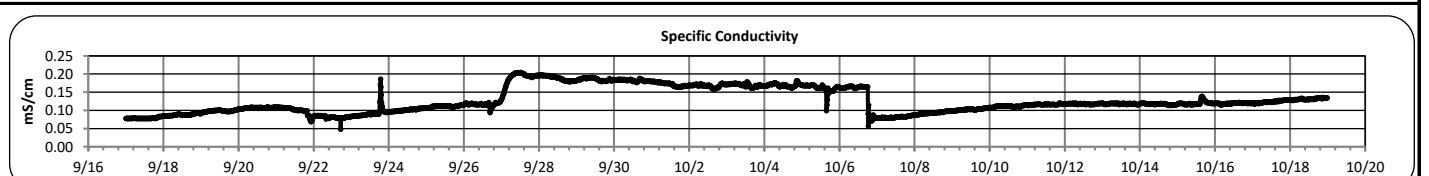
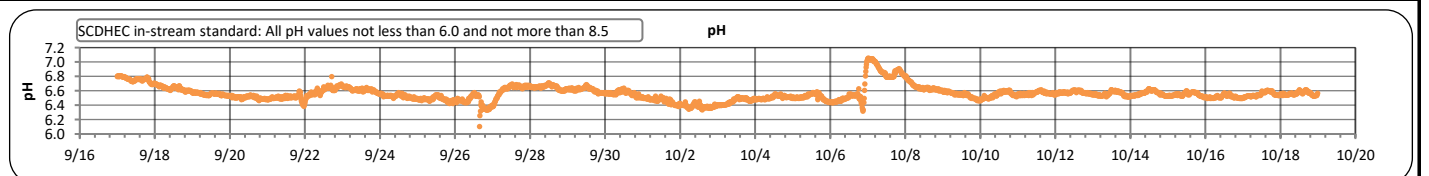
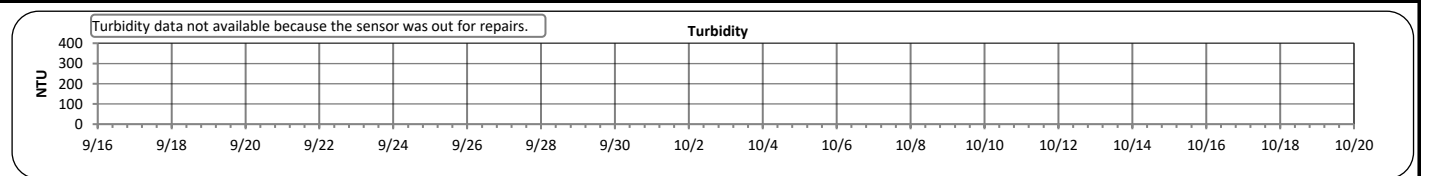
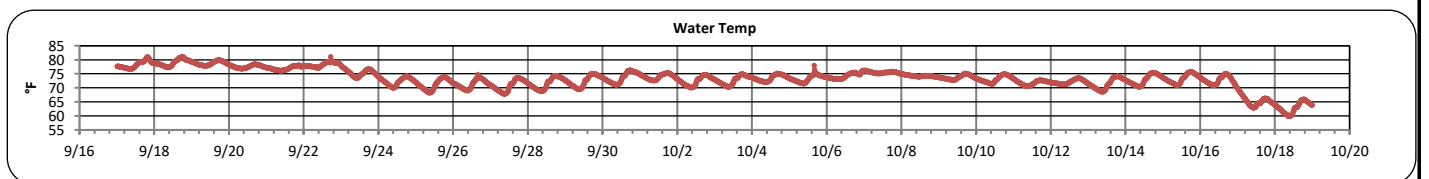
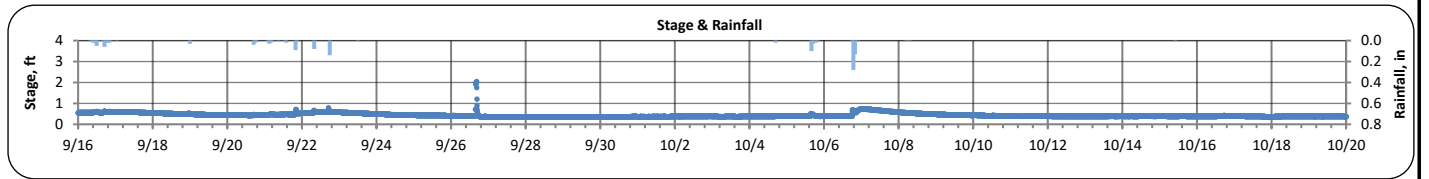


# Continuous Water Quality Monitoring Periodic Report

**Kinley Creek A (September 16, 2021 - October 19, 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	2.1	0.4	0.4	0.1
LOCATION:	Longhorn Steakhouse	TEMPERATURE (°F):	60	81	74	73	4
ADDRESS:	171 Harbison Blvd Columbia, SC 29212	TURBIDITY (NTU):	-	-	-	-	-
COORDINATES:	34.069897, -81.164592	pH:	6.1	7.1	6.6	6.6	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.048	0.205	0.117	0.127	0.035
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	1.9	7.4	3.9	4.0	1.1
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	0.4 inches						
TOTAL RAINFALL (FOR PERIOD):	1.7 inches						



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

REPORT GENERATED ON 11/19/2021

**Continuous Water Quality  
Monitoring Periodic Report**

**Kinley Creek A (September 16, 2021 - October 19, 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:**

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4	
	9/21/2021		9/21/2021		9/21/2021		9/21/2021	
	Time	Result	Time	Result	Time	Result	Time	Result
<i>Escherichia coli</i> (MPN/100mL)	8:55	2,472	10:12	3,106	13:08	2,592	14:28	2,100
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

All samples were collected during wet weather conditions.

**Notes:**

Data Gaps

Turbidity data was not collected during this monitoring period because the sensor was broken. There were no other data gaps at the KINA station.

Potential Illicit Discharges and Abnormal Events:

The specific conductivity increased on on September 23<sup>rd</sup> and October 15<sup>th</sup>, which may have been the result of illicit discharges.

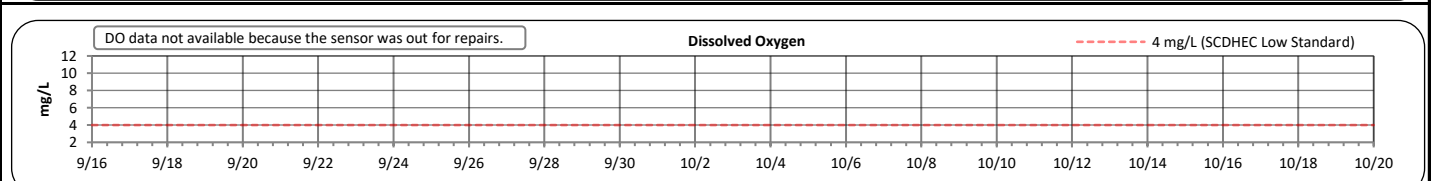
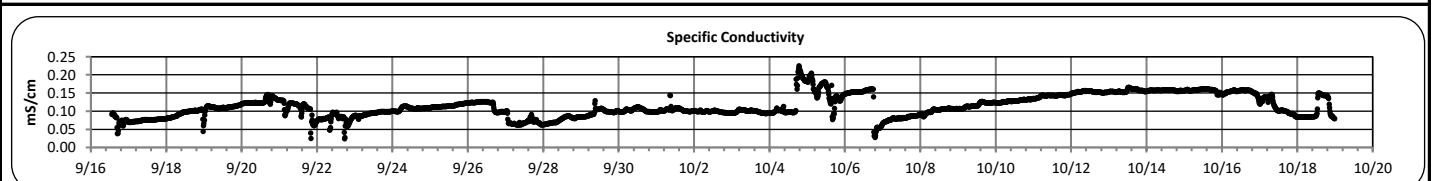
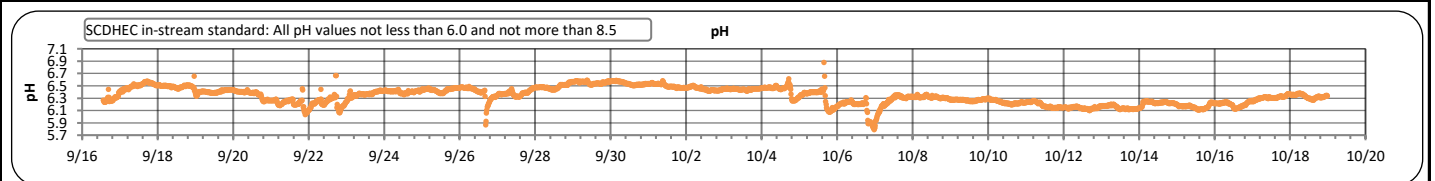
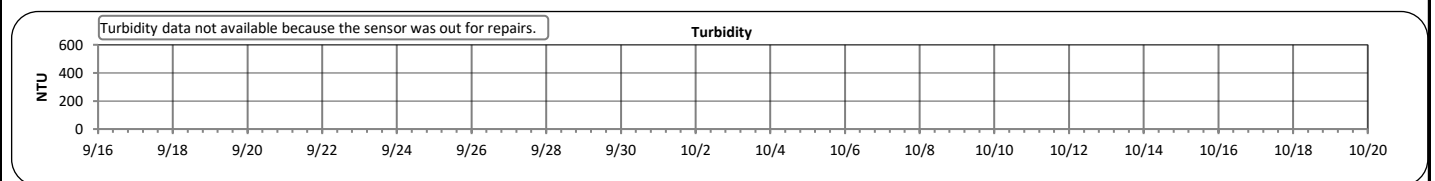
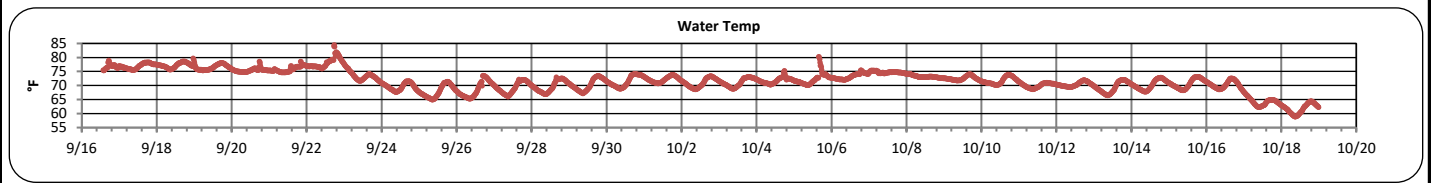
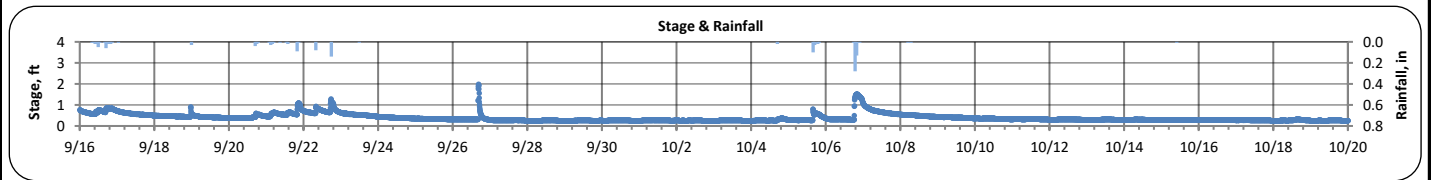
Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

REPORT GENERATED ON 11/19/2021

# Continuous Water Quality Monitoring Periodic Report

**Kinley Creek B (September 16, 2021 - October 19, 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	2.0	0.3	0.4	0.2
LOCATION:	Broken Hill Rd	TEMPERATURE (°F):	59	85	72	72	4
ADDRESS:	609 Broken Hill Rd Columbia, SC 29212	TURBIDITY (NTU):	-	-	-	-	-
COORDINATES:	34.06635, -81.159986	pH:	5.8	6.9	6.3	6.3	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.024	0.225	0.107	0.113	0.030
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	-	-	-	-	-
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	0.4 inches						
TOTAL RAINFALL (FOR PERIOD):	1.7 inches						



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

REPORT GENERATED ON 11/19/2021

**Continuous Water Quality  
Monitoring Periodic Report**

**Kinley Creek B (September 16, 2021 - October 19, 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:**

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4	
	9/21/2021		9/21/2021		9/21/2021		9/21/2021	
	Time	Result	Time	Result	Time	Result	Time	Result
<i>Escherichia coli</i> (MPN/100mL)	9:12	808	10:45	852	13:34	2,162	14:37	1,096
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

All samples were collected during wet weather conditions.

**Notes:**

Data Gaps

Turbidity and DO data were not collected during this monitoring period because the sensors were broken. There were no other data gaps at the KINB station during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

The specific conductivity increased from October 4<sup>th</sup> to October 5<sup>th</sup> and on October 18<sup>th</sup>, which may have been the result of illicit discharges.