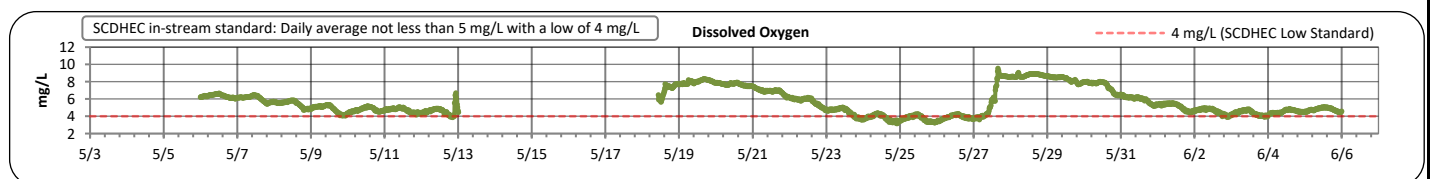
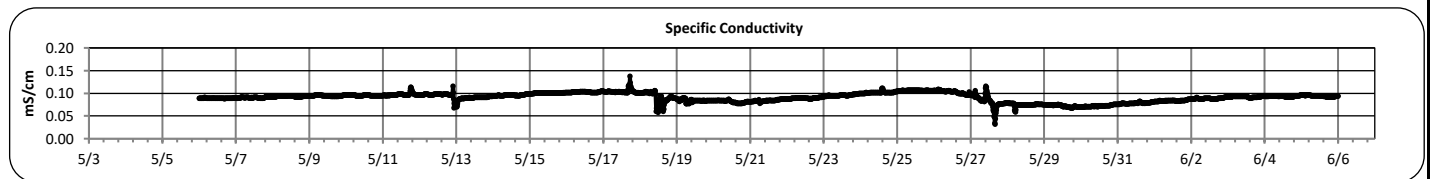
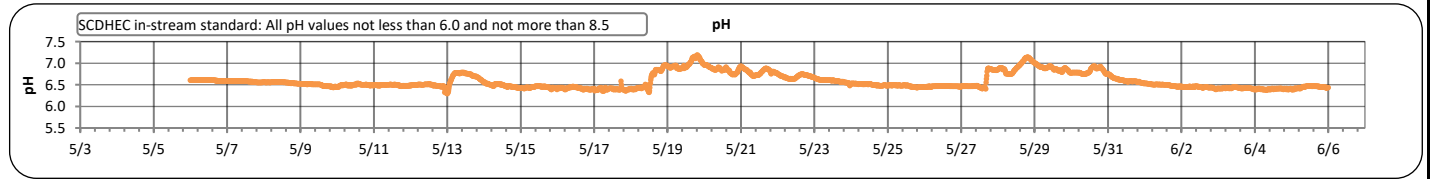
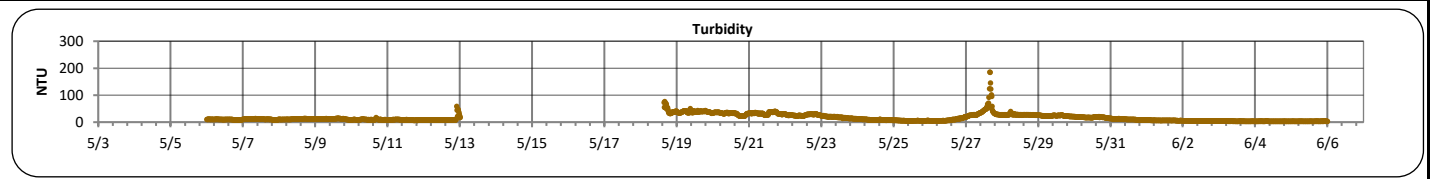
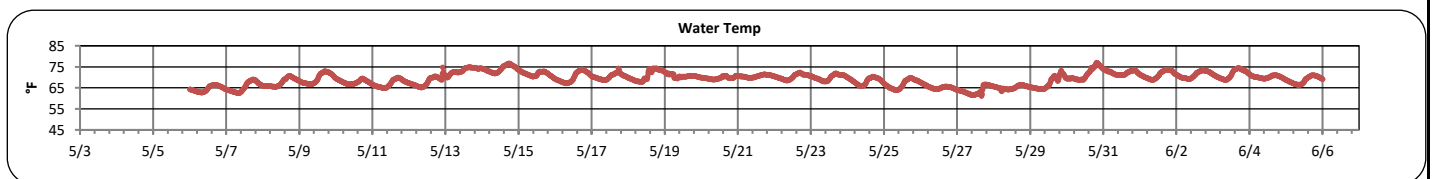
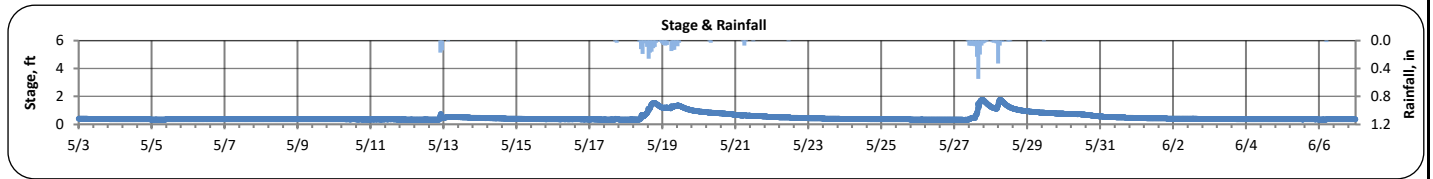


Continuous Water Quality Monitoring Periodic Report

Kinley Creek A (May 3, 2023 - June 7, 2023)

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	1.8	0.4	0.5	0.3
LOCATION:	Longhorn Steakhouse	TEMPERATURE (°F):	61	77	70	69	3
ADDRESS:	171 Harbison Blvd Columbia, SC 29212	TURBIDITY (NTU):	4	186	12	17	13
COORDINATES:	34.069897, -81.164592	pH:	6.3	7.2	6.5	6.6	0.2
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.032	0.138	0.093	0.091	0.010
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	3.2	9.5	5.1	5.7	1.5
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	3						
MAX. DAILY RAINFALL:	1.5 inches						
TOTAL RAINFALL (FOR PERIOD):	4.7 inches						



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

REPORT GENERATED ON 7/23/2023

**Continuous Water Quality
Monitoring Periodic Report**

Kinley Creek A (May 3, 2023 - June 7, 2023)

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: No samples were collected at KINA during this monitoring period.

Analyte (units)								
<i>Escherichia coli</i> (MPN/100mL)								
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

There were data gaps in DO and turbidity from 5/13 - 5/18 due to sensors being buried.

Potential Illicit Discharges and Abnormal Events:

There was a spike in specific conductivity on 5/11 and 5/17, which may have been the result of a potential illicit discharge.

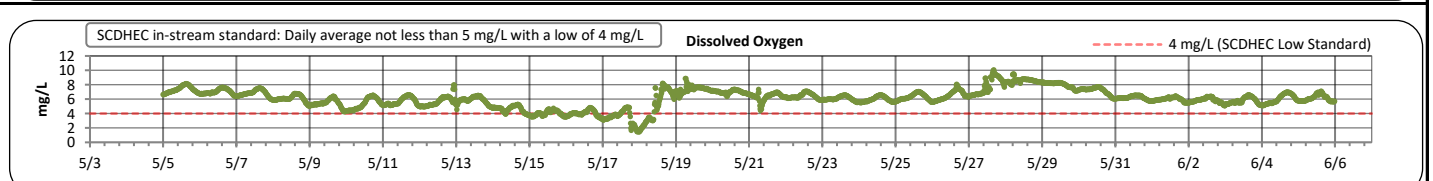
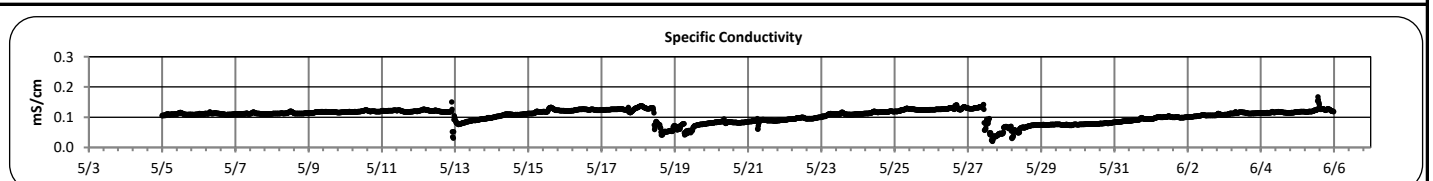
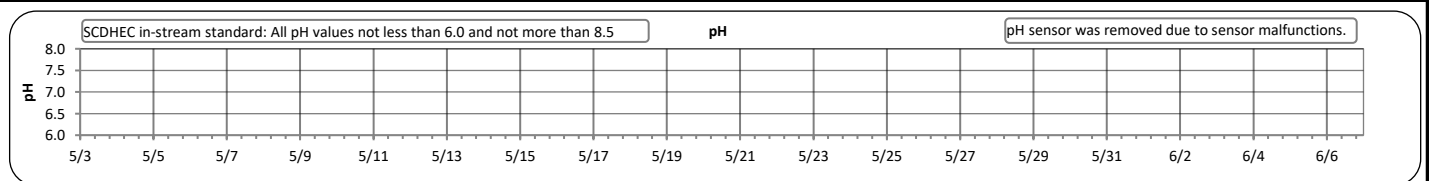
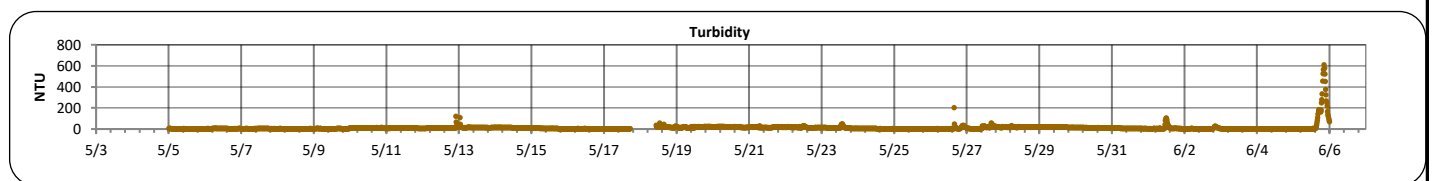
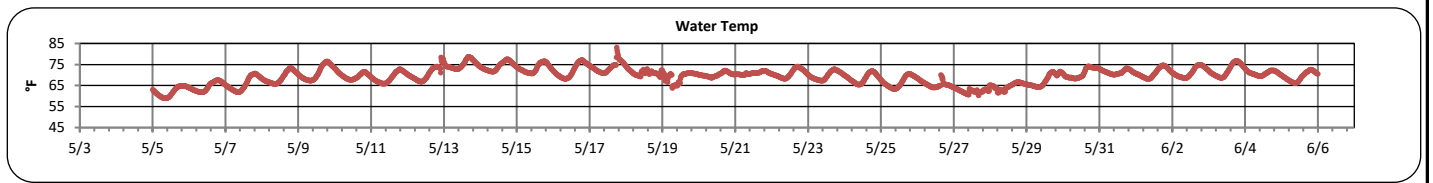
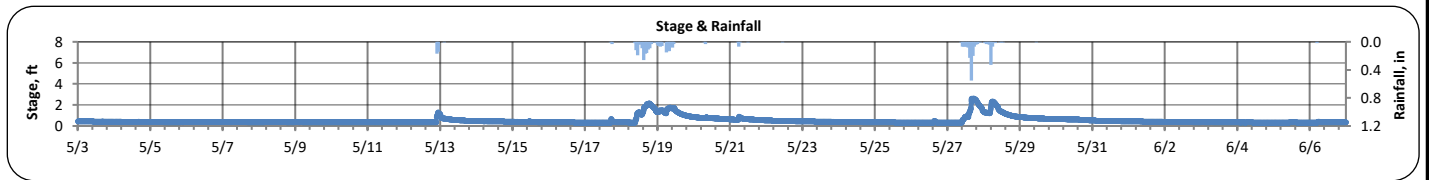
Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

REPORT GENERATED ON 7/23/2023

Continuous Water Quality Monitoring Periodic Report

Kinley Creek B (May 3, 2023 - June 7, 2023)

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	2.6	0.4	0.5	0.3
LOCATION:	Broken Hill Rd	TEMPERATURE (°F):	59	83	70	70	4
ADDRESS:	609 Broken Hill Rd Columbia, SC 29212	TURBIDITY (NTU):	3	613	8	14	34
COORDINATES:	34.06635, -81.159986	pH:	-	-	-	-	-
TMDL/IMPAIEMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.020	0.168	0.111	0.105	0.021
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	1.5	10.1	6.2	6.2	1.3
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	3						
MAX. DAILY RAINFALL:	1.5 inches						
TOTAL RAINFALL (FOR PERIOD):	4.7 inches						



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

REPORT GENERATED ON 7/23/2023

**Continuous Water Quality
Monitoring Periodic Report**

Kinley Creek B (May 3, 2023 - June 7, 2023)

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: No samples were collected at KINB during this monitoring period.

Analyte (units)								
<i>Escherichia coli</i> (MPN/100mL)								
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

The pH sensor was removed during this monitoring period due to sensor malfunction. There was also a data gap in turbidity from 5/17 - 5/18 due to fouling.

Potential Illicit Discharges and Abnormal Events:

There was a spike in specific conductivity and turbidity on 6/5, which may have been the result of a potential illicit discharge.

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

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