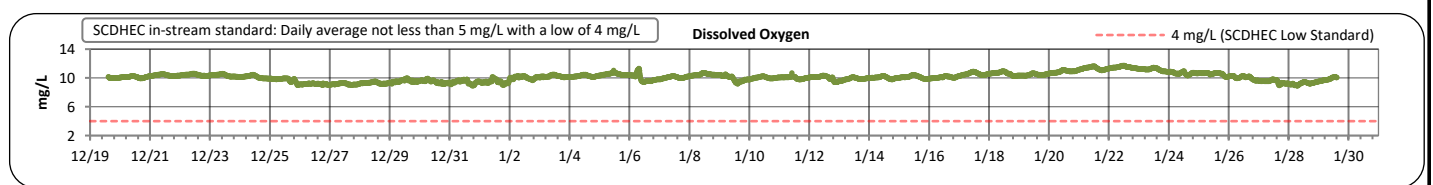
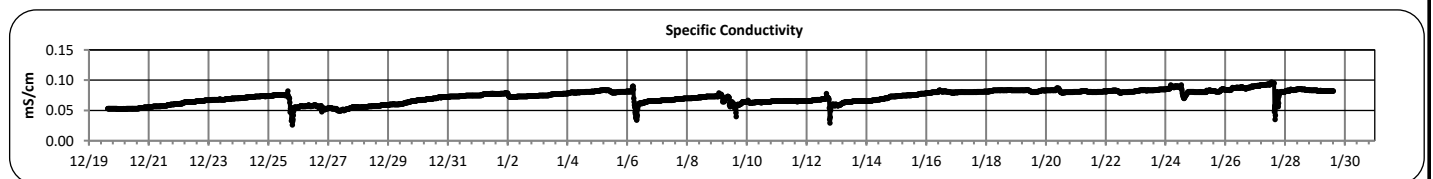
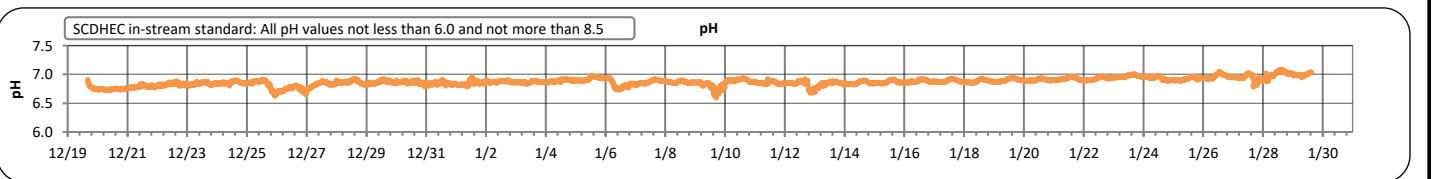
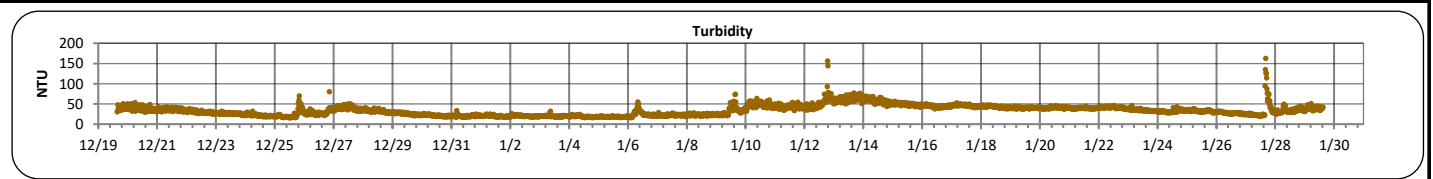
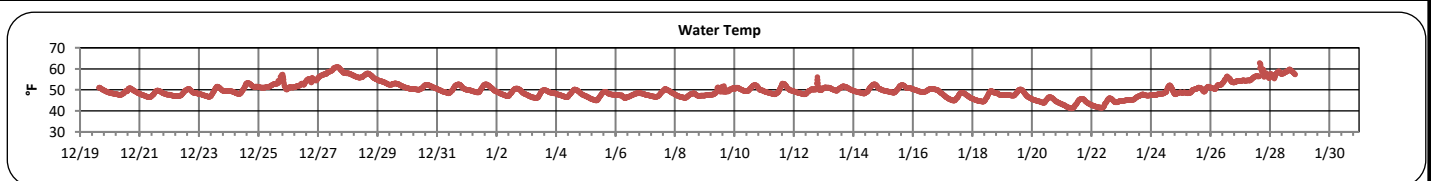
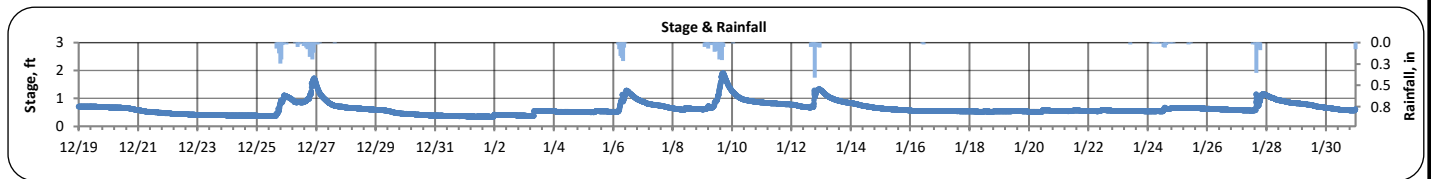


Continuous Water Quality
Monitoring Periodic Report

Kinley Creek A (December 19, 2023 - January 30, 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	1.9	0.6	0.7	0.2
LOCATION:	Longhorn Steakhouse	TEMPERATURE (°F):	41	61	49	49	3
ADDRESS:	171 Harbison Blvd Columbia, SC 29212	TURBIDITY (NTU):	16	157	33	34	12
COORDINATES:	34.069897, -81.164592	pH:	6.6	7.0	6.9	6.9	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.026	0.092	0.071	0.072	0.009
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	8.9	11.8	10.2	10.2	0.6
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	1.2 inches						
TOTAL RAINFALL (FOR PERIOD):	5.3 inches						



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

REPORT GENERATED ON 3/5/2024

Continuous Water Quality
Monitoring Periodic Report

Kinley Creek A (December 19, 2023 - January 30,2024)

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:

Analyte (units)	Sample 1		Sample 2		Sample 3			
	1/9/2024		1/9/2024		1/9/2024			
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	10:35	5,510	12:15	1,630	15:10	2,310		
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

All samples were collected during wet weather conditons.

Notes:

Data Gaps

There were no data gaps during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

There were no abnormal events during this monitoring period.

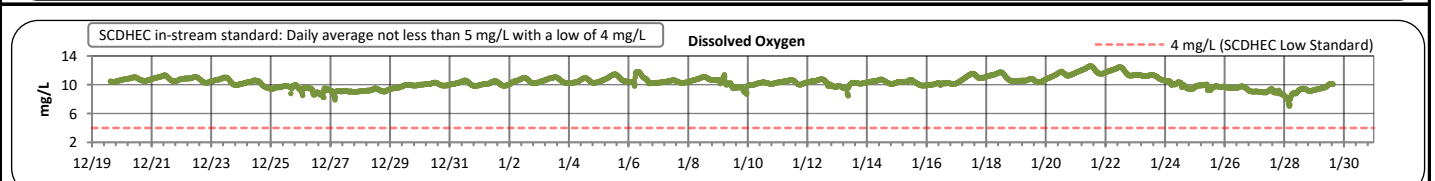
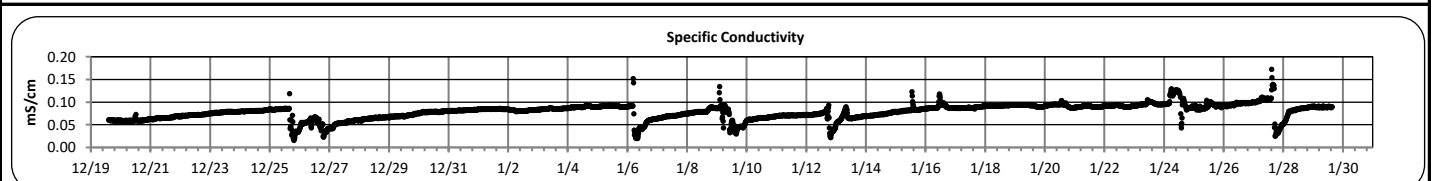
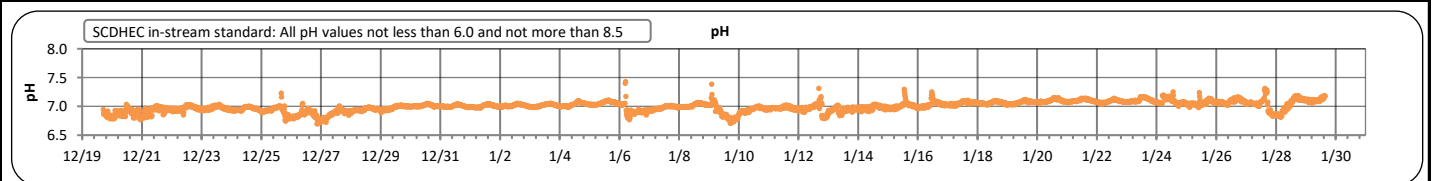
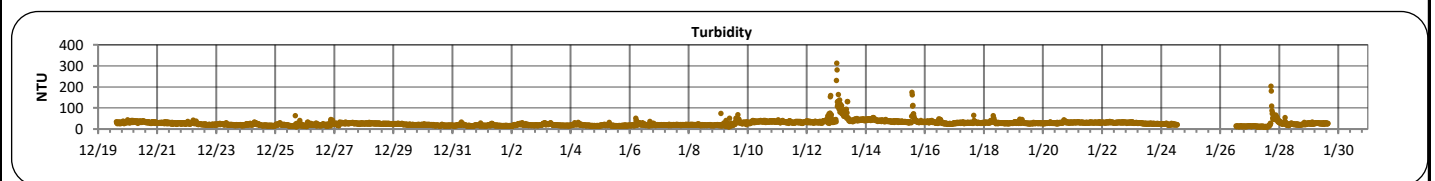
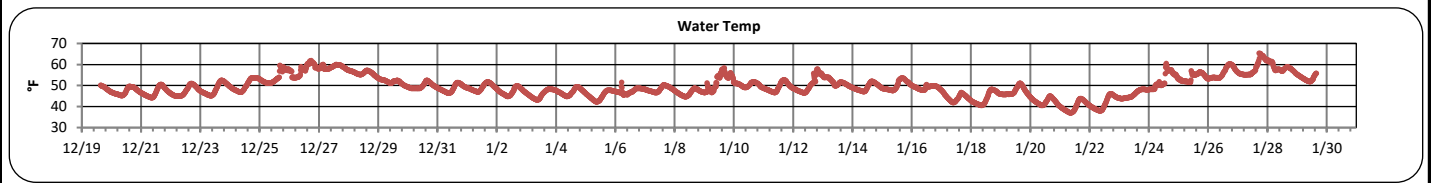
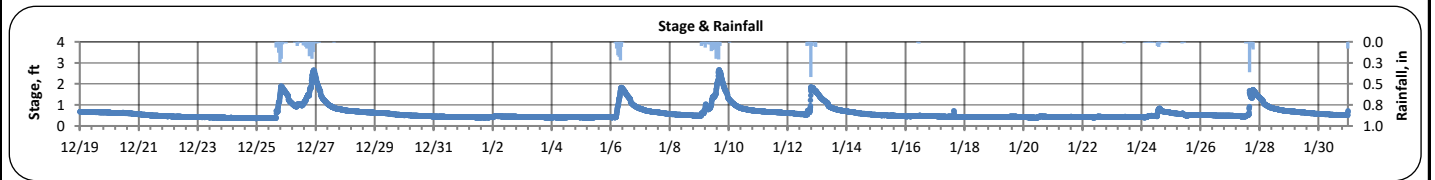
Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

REPORT GENERATED ON 3/5/2024

Continuous Water Quality Monitoring Periodic Report

Kinley Creek B (December 19, 2023 - January 30, 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):	0.4	2.7	0.5	0.6	0.3
LOCATION:	Broken Hill Rd	TEMPERATURE (°F):	37	65	49	50	5
ADDRESS:	609 Broken Hill Rd Columbia, SC 29212	TURBIDITY (NTU):	11	313	26	28	15
COORDINATES:	34.06635, -81.159986	pH:	6.7	7.4	7.0	7.0	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.016	0.172	0.081	0.079	0.016
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	7.1	12.6	10.4	10.3	0.8
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	1.2 inches						
TOTAL RAINFALL (FOR PERIOD):	5.3 inches						



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

REPORT GENERATED ON 3/5/2024

Continuous Water Quality
Monitoring Periodic Report

Kinley Creek B (December 19, 2023 - January 30,2024)

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:

Analyte (units)	Sample 1		Sample 2		Sample 3			
	1/9/2024		1/9/2024		1/9/2024			
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	10:55	1,970	12:40	1,550	15:25	1,350		
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

All samples were collected during wet weather conditions.

Notes:

Data Gaps

There was a gap in turbidity data from 1/24 through 1/26 due to the sensor fouling.

Potential Illicit Discharges and Abnormal Events:

There were multiple periods of increased specific conductivity which may have been the result of potential 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 3/5/2024