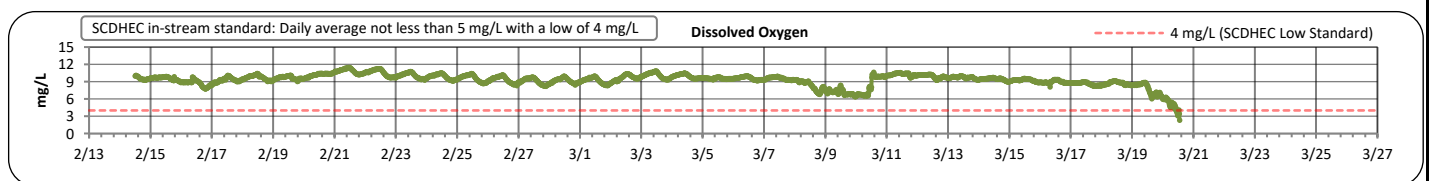
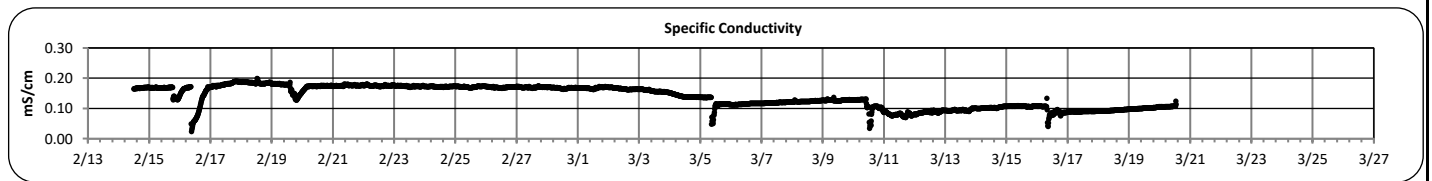
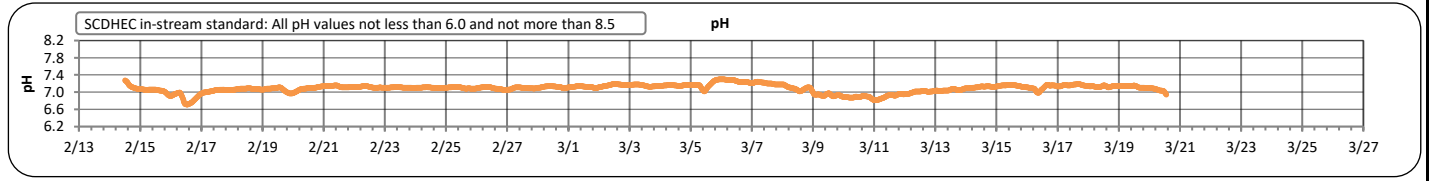
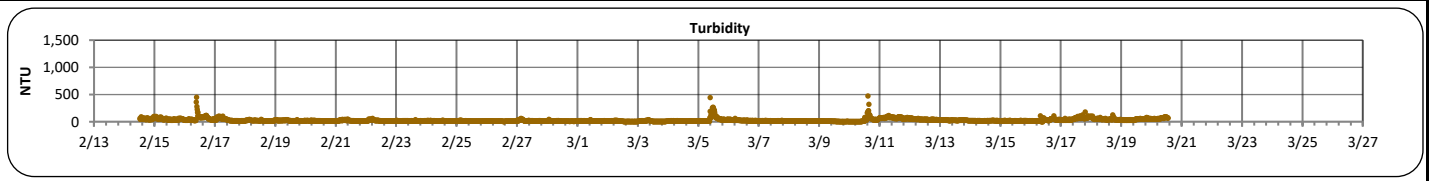
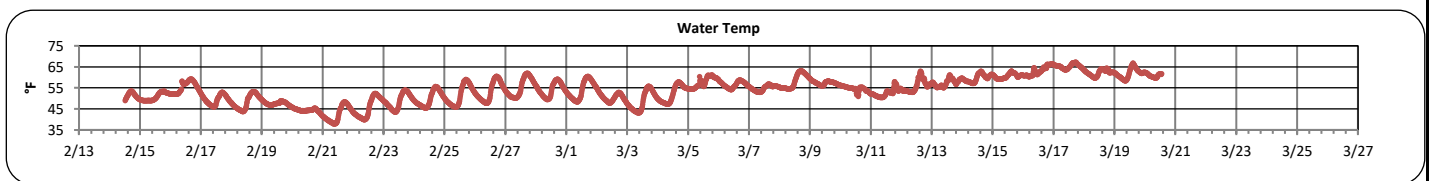
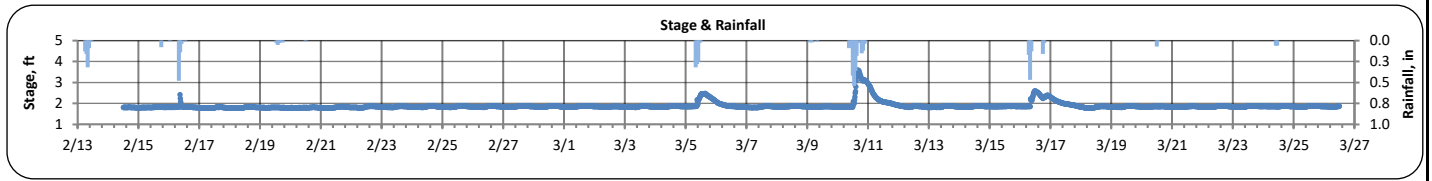


Continuous Water Quality Monitoring Periodic Report

Kinley Creek A (February 13, 2025 - March 26, 2025)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Kinley Creek	STAGE (FT):	1.8	3.6	1.9	1.9	0.2
LOCATION:	Longhorn Steakhouse	TEMPERATURE (°F):	38	67	54	54	6
ADDRESS:	171 Harbison Blvd Columbia, SC 29212	TURBIDITY (NTU):	1	476	18	29	30
COORDINATES:	34.069897, -81.164592	pH:	6.7	7.3	7.1	7.1	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.024	0.199	0.142	0.138	0.036
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	2.3	11.5	9.6	9.4	1.1
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	2.0 inches						
TOTAL RAINFALL (FOR PERIOD):	5.8 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 (February 13, 2025 - March 26, 2025)

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: Five wet weather samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4		Sample 5	
	2/19/2025		2/19/2025		2/19/2025		2/19/2025		3/24/2025	
	Time	Results	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	11:32	31	13:27	24,196	14:39	4,880	15:44	1,870	10:25	654
Total Suspended Solids (mg/L)										
Total Phosphorus (mg/L)										
Total Nitrogen (mg/L)										

Notes:

Data Gaps

Calibration period occurred from 2/12-2/14.

Potential Illicit Discharges and Abnormal Events:

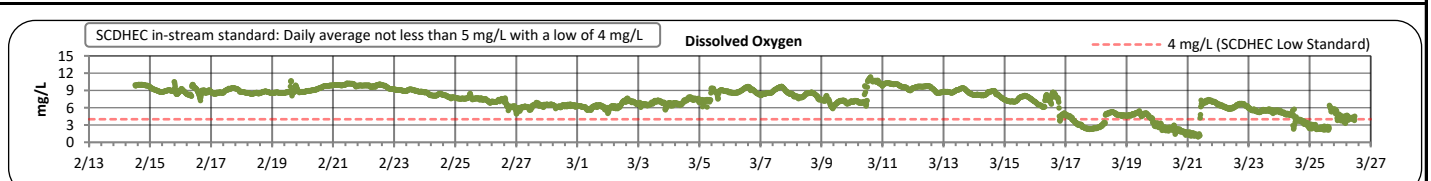
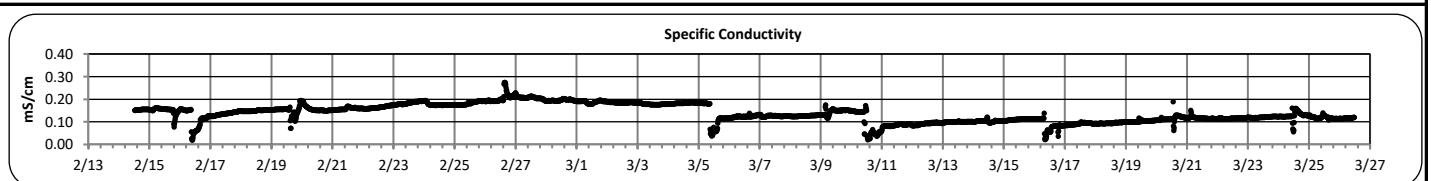
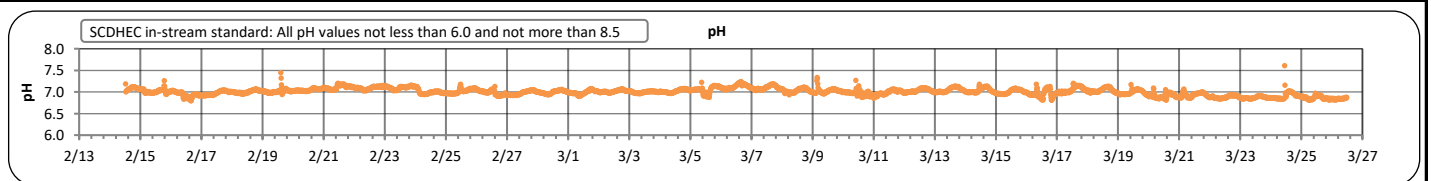
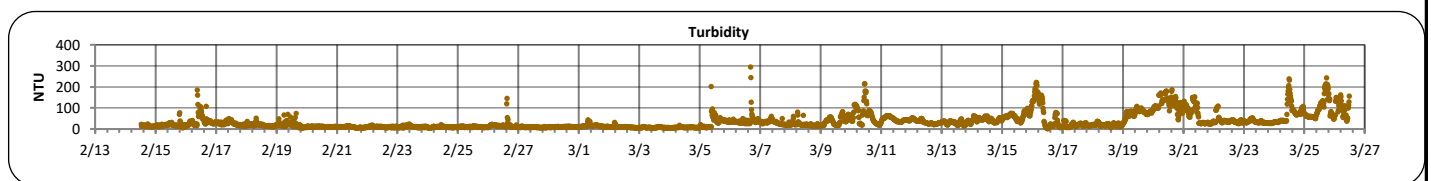
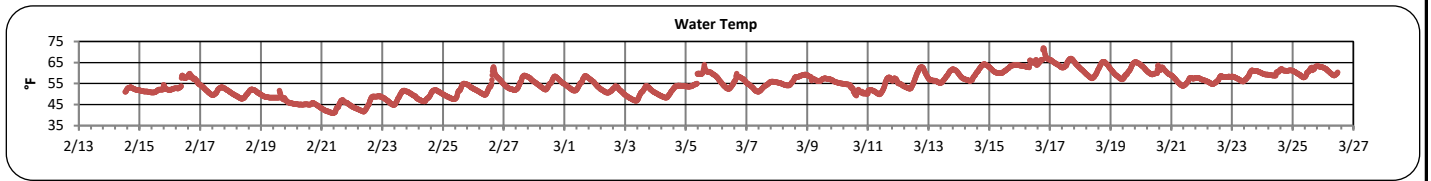
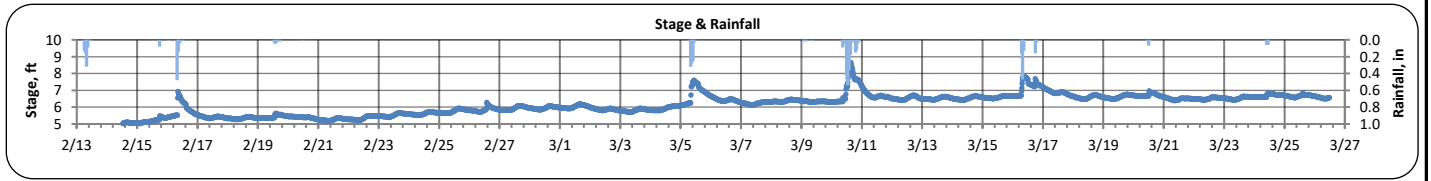
Potential sonde impaction from 3/21 through the end of the monitoring period, data removed during this time frame excluding stage and rainfall.

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 (February 13, 2025 - March 26, 2025)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Kinley Creek	STAGE (FT):	5.0	8.7	6.3	6.2	0.6
LOCATION:	Broken Hill Rd	TEMPERATURE (°F):	41	72	55	55	6
ADDRESS:	609 Broken Hill Rd Columbia, SC 29212	TURBIDITY (NTU):	2.7	295.0	23.0	35.8	36.0
COORDINATES:	34.06635, -81.159986	pH:	6.8	7.6	7.0	7.0	0.1
TMDL/IMPAIRED:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.019	0.275	0.129	0.138	0.039
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	1.0	11.4	7.6	7.3	2.1
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	2.0 inches						
TOTAL RAINFALL (FOR PERIOD):	5.8 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 (February 13, 2025 - March 26, 2025)

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: Five wet weather samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4		Sample 5	
	2/19/2025		2/19/2025		2/19/2025		2/19/2025		3/24/2025	
	Time	Results	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	11:48	243	13:39	19,900	14:50	199	15:55	355	10:45	1,580
Total Suspended Solids (mg/L)										
Total Phosphorus (mg/L)										
Total Nitrogen (mg/L)										

Notes:

Data Gaps

Calibration period occurred from 2/12-2/14.

Potential Illicit Discharges and Abnormal Events:

No potential illicit discharges were visible during this monitoring period.

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