# Continuous Water Quality Monitoring Periodic Report

### Kinley Creek A (October 4, 2023 - November 7, 2023)

		CONTINUOUS	SUMMARY STATISTICS					
PARAMETER	DESCRIPTION	WATER QUALITY PARAMETERS:	MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION	
STREAM NAME:	Kinley Creek	STAGE (FT):	0.3	0.7	0.3	0.4	0.1	
LOCATION:	Longhorn Steakhouse							
ADDRESS:	171 Harbison Blvd Columbia, SC 29212	TEMPERATURE (°F):	-	-	-	-	-	
COORDINATES:	34.069897, -81.164592	TURBIDITY (NTU):	_	_	_	-	_	
TMDL/IMPAIRMENT:	Fecal Coliform							
NEIGHBORING LANDUSE:	Residential and commercial	pH:	-	_	-	-	-	
SPATIAL LOCATION:	Most upstream site							
TOTAL NO. STORMS OVER 0.1 INCH:	3	SPECIFIC CONDUCTIVITY (mS/cm):	-	-	-	-	-	
MAX. DAILY RAINFALL:	1.0 inches	DISSOLVED OXYGEN						
TOTAL RAINFALL (FOR PERIOD):	1.5 inches	(mg/L):	-	-	-	-	-	
	-	Stage & Rainf	all		•		0.0	
# 2 T		11	•					
Stage, 1							0.1	
10/4 10/6 10/8	10/10 10/12 10/14 10/	16 10/18 10/20 10/22	2 10/24 10/	/26 10/28 1	.0/30 11/1	11/3 11/5	0.2	
		Water Tem	пр				-	
95 85								
<b>№</b> 75 65								
55 <del>  10/4 10/6 10/8</del>	10/10 10/12 10/14 10,	/16 10/18 10/20 10/2	2 10/24 10,	/26 10/28 1	10/30 11/1	11/3 11/5	11/7	
200		Turbidity	/					
100 50								
0 10/4 10/6 10/	/8 10/10 10/12 10/14 1	.0/16 10/18 10/20 10/	/22 10/24 1	0/26 10/28	10/30 11/1	11/3 11/5	11/7	
8.5	d: All pH values not less than 6.0 and not n	nore than 8.5 pH					`	
8.0 7.5 7.0								
6.5								
10/4 10/6 10/8	10/10 10/12 10/14 10/1	6 10/18 10/20 10/22	10/24 10/2	26 10/28 10	0/30 11/1	11/3 11/5	11/7	
		Specific Conc	ductivity					
0.15								
<u>5</u> 0.10 0.05								
0.00	3 10/10 10/12 10/14 1	0/16 10/18 10/20 10,	/22 10/24 1	10/26 10/28	10/30 11/1	11/3 11/5	11/7	
				,	,-			
10 8	dard: Daily average not less than 5 mg/L w	Dissolved	d Oxygen			4 mg/L (SCDHEC L	ow Standard)	
7/8m 4								
2 0 10/5 10/6	2 40/40 10/42 15/11	0/45 40/22 55/25	/22 10/5:	10/26 15/22	10/20 :::::	11/2	41.17	
10/4 10/6 10/8	3 10/10 10/12 10/14 1	.0/16 10/18 10/20 10	/22 10/24	10/26 10/28	10/30 11/1	11/3 11/5	11/7	

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 4, 2023 - November 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)								
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli (MPN/100mL)								
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

#### **Notes:**

**Data Gaps** 

No continuous water quality data was collected during this sampling period due to instrument malfunction, awaiting new sensors.

Potential Illicit Discharges and Abnormal Events:

N/A

### Continuous Water Quality Monitoring Periodic Report

### Kinley Creek B (October 4, 2023 - November 7, 2023)

		CONTINUOUS	ous		SUMMARY STATISTICS			
PARAMETER	DESCRIPTION	MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION		
STREAM NAME:	Kinley Creek	STAGE (FT):	0.3	1.5	0.3	0.3	0.1	
LOCATION:	Broken Hill Rd							
ADDRESS:	609 Broken Hill Rd Columbia, SC 29212	TEMPERATURE (°F):	-	-	-	-	-	
COORDINATES:	34.06635, -81.159986	TURBIDITY (NTU):	-					
TMDL/IMPAIRMENT:	Fecal Coliform	TORBIDITY (NTO).	•	-	-	-	-	
NEIGHBORING LANDUSE:	Residential and commercial	pH:	-	_	_	_	_	
SPATIAL LOCATION:	Most downstream site	·						
TOTAL NO. STORMS OVER 0.1 INCH:	3	SPECIFIC CONDUCTIVITY (mS/cm):	-	-	-	-	-	
MAX. DAILY RAINFALL:	1.0 inches	DISSOLVED OXYGEN						
TOTAL RAINFALL (FOR PERIOD):	1.5 inches	(mg/L):	-	-	-	-	-	
		Stage & Rainfa	ıll	!		!	•	
4							0.0	
Stage, #							0.0	
10/4 10/6 10/8	10/10 10/12 10/14 10	0/16 10/18 10/20 10/22	10/24 10/2	26 10/28 10	0/30 11/1	11/3 11/5	0.2 n	
100		Water Tem	р					
85								
70								
10/4 10/6 10/8	10/10 10/12 10/14 1	0/16 10/18 10/20 10/22	2 10/24 10,	/26 10/28 1	0/30 11/1	11/3 11/5	11/7	
		- 110						
150		Turbidity						
F 100								
10/4 10/6 10,	8 10/10 10/12 10/14	10/16 10/18 10/20 10/	22 10/24 1	10/26 10/28	10/30 11/1	11/3 11/5	11/7	
10/4 10/0 10/	0 10/10 10/12 10/14	10/10 10/18 10/20 10/	22 10/24 1	10/20	10/30 11/1	11/3 11/3	11//	
	ard: All pH values not less than 6.0 and i	not more than 8.5 pH						
8.0 7.5								
五 7.0 6.5								
10/4 10/6 10/8	10/10 10/12 10/14 1	0/16 10/18 10/20 10/2	2 10/24 10	0/26 10/28	10/30 11/1	11/3 11/5	11/7	
		Specific Cond	uctivity					
0.20 g 0.15			•					
5 0.10 0.05								
0.00	3 10/10 10/12 10/14	10/16 10/18 10/20 10/	22 10/24 1	10/26 10/28	10/30 11/1	11/3 11/5	11/7	
	,, 12 10,17	10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	-2/2.	20,20	-,,-	,- 11/3	, -	
SCDHEC in-stream stan	dard: Daily average not less than 5 mg/L	with a low of 4 mg/L Dissolved	Oxygen			4 mg/L (SCDHEC Lo	ow Standard)	
8								

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

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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)								
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli								
(MPN/100mL)								
Total Suspended								
Solids (mg/L)								
Total Phosphorus								
(mg/L)								
Total Nitrogen								
(mg/L)								

#### Notes:

**Data Gaps** 

No continuous water quality data was collected during this sampling period due to instrument malfunction, awaiting new sensors.

Potential Illicit Discharges and Abnormal Events:

N/A