



Kinley Creek A (July 7, 2021 - August 9, 2021)

		CONTINUOUS	SUMMARY STATISTICS				
PARAMETER	DESCRIPTION	WATER QUALITY PARAMETERS:	MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Kinley Creek	STAGE (FT):	0.4	1.7	0.5	0.6	0.2
LOCATION:	Longhorn Steakhouse						
ADDRESS:	171 Harbison Blvd Columbia, SC 29212	TEMPERATURE (°F):	77	89	83	82	2
COORDINATES:	34.069897, -81.164592	TURBIDITY (NTU):	_	_	_	_	_
TMDL/IMPAIRMENT:	Fecal Coliform	rensisii (nre).					
NEIGHBORING LANDUSE:	Residential and commercial	pH:	6.4	8.6	6.7	6.7	0.3
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	13	SPECIFIC CONDUCTIVITY (mS/cm):	0.022	0.187	0.090	0.092	0.019
MAX. DAILY RAINFALL:	1.5 inches	DISSOLVED					
TOTAL RAINFALL (FOR PERIOD):	7.4 inches	OXYGEN (mg/L):	2.3	7.9	4.3	4.6	1.3
		Stage & Rain	fall				0.0
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85 80 75 7/7 7/9 7/11 Turbidity data not availage of the stream standa	able because the sensor was out for repa	7/19 7/21 7/23 7 Turbidity 7/19 7/21 7/23 t more than 8.5 pH 7/19 7/21 7/23	7/25 7/27	7/29 7/31	8/2 8/4	8/6 8/	8 8/10
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85 80 75 7/7 7/9 7/11 Turbidity data not availage of the stream standa 8.5 7.7 7/9 7/1 8.5 8.0 7/7 7/9 7/1 8.5 8.0 7/7 7/9 7/11 8.5 8.0 7/7 7/9 7/11	able because the sensor was out for repa 11 7/13 7/15 7/17 rd: All pH values not less than 6.0 and not 7/13 7/15 7/17	7/19 7/21 7/23 7 Turbidity 7/19 7/21 7/23 t more than 8.5 pH 7/19 7/21 7/23 Specific Constitution 7/19 7/21 7/23	7/25 7/27 7/25 7/27 ductivity	7/29 7/31	8/2 8/4	8/6 8/	8 8/10
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SCDHEC in-stream standa 9.0 10 10 10 10 10 10 10 10 10	able because the sensor was out for repa 11 7/13 7/15 7/17 rd: All pH values not less than 6.0 and not 7/13 7/15 7/17	7/19 7/21 7/23 7 Turbidity 7/19 7/21 7/23 t more than 8.5 pH 7/19 7/21 7/23 Specific Constitution 7/19 7/21 7/23	7/25 7/27 7/25 7/27 ductivity	7/29 7/31	8/2 8/4	8/6 8/	8 8/10

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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		Sample 4	
	8/3/2021		8/3/2021		8/3/2021		8/3/2021	
	Time	Result	Time	Result	Time	Result	Time	Result
Escherichia coli (MPN/100mL)	8:23	10,340	9:39	9,222	10:53	7,746	12:02	2,028
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 pH remained elevated from July 8th to July 10th, and the specific conductivity increased on July 8th, July 22nd, and July 30th which may have been the result of illicit discharges.





Kinley Creek B (July 7, 2021 - August 9, 2021)

		CONTINUOUS		SUMMARY STATISTICS			
PARAMETER	DESCRIPTION	WATER QUALITY PARAMETERS:	MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARE DEVIATION
STREAM NAME:	Kinley Creek STAGE (FT):		0.3	3.5	0.5	0.6	0.4
LOCATION:	Broken Hill Rd						
ADDRESS:	609 Broken Hill Rd Columbia, SC 29212	TEMPERATURE (°F):	75	89	81	80	2
COORDINATES:	34.06635, -81.159986	TURBIDITY (NTU):					
TMDL/IMPAIRMENT:	Fecal Coliform	TORBIDITY (NTO):	-	-	-	-	-
NEIGHBORING LANDUSE:	Residential and commercial	pH:	_	_	_	_	_
SPATIAL LOCATION:	Most downstream site	pr					
TOTAL NO. STORMS OVER 0.1 INCH:	13	SPECIFIC CONDUCTIVITY (mS/cm):	0.016	0.178	0.099	0.101	0.027
MAX. DAILY RAINFALL:	1.5 inches	DISSOLVED OXYGEN					
TOTAL RAINFALL (FOR PERIOD):	7.4 inches	(mg/L):	-	-	-	-	-
		Stage & Rainf	all	<u>!</u>			
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0 1				- (- 1	3.0
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0.00 7/7 7/9 7/1 DO data not available		Dissolved	Oxygen			4 mg/L (SCDHEC Low	Standard)
0.00 7/7 7/9 7/1		Dissolved	Oxygen			4 mg/L (SCDHEC Low	Standard)

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

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Sampled Data:

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4	
	8/3/2021		8/3/2021		8/3/2021		8/3/2021	
	Time	Result	Time	Result	Time	Result	Time	Result
Escherichia coli (MPN/100mL)	8:35	1,434	9:49	5,510	11:02	8,212	12:15	3,720
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, pH, 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 on July 12th and July 16th, which may have been the result of illicit discharges.