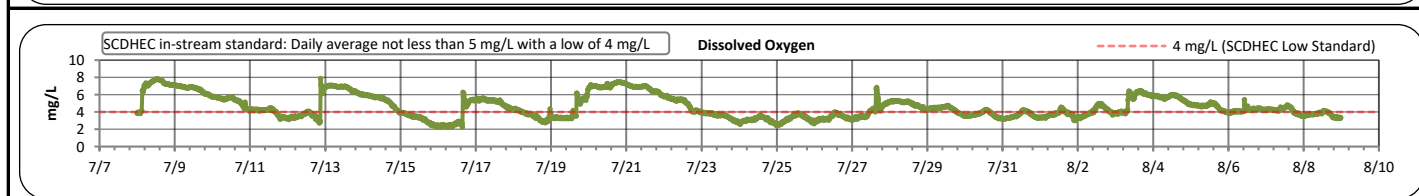
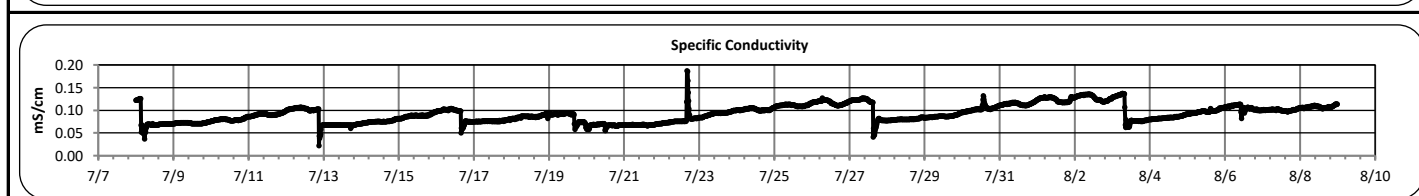
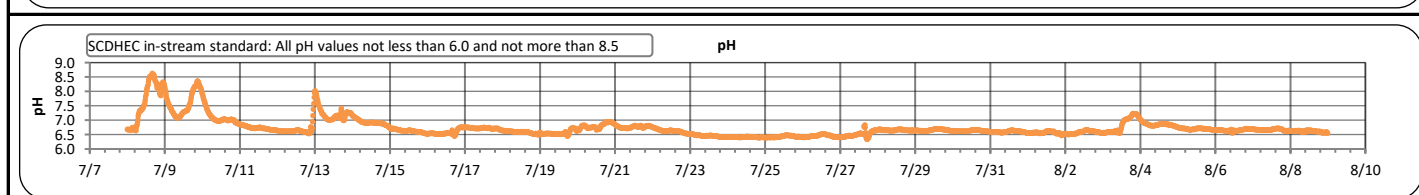
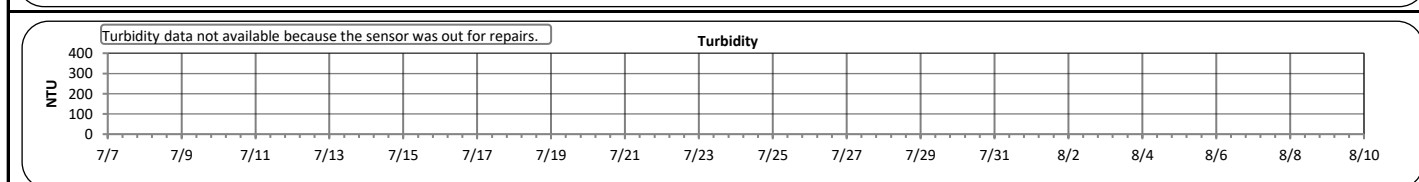
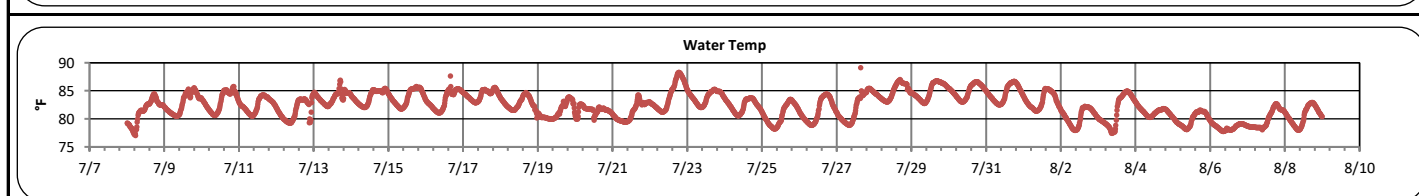
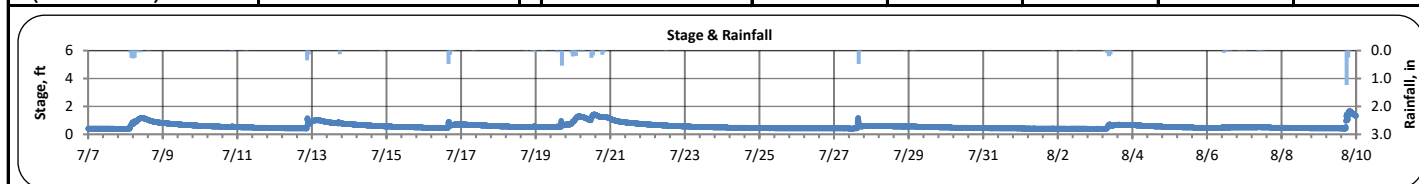


Kinley Creek A (July 7, 2021 - August 9, 2021)

| 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 | 1.7 | 0.5 | 0.6 | 0.2 |
| LOCATION: | Longhorn Steakhouse | TEMPERATURE (°F): | 77 | 89 | 83 | 82 | 2 |
| ADDRESS: | 171 Harbison Blvd Columbia, SC 29212 | TURBIDITY (NTU): | - | - | - | - | - |
| COORDINATES: | 34.069897, -81.164592 | pH: | 6.4 | 8.6 | 6.7 | 6.7 | 0.3 |
| TMDL/IMPAIRMENT: | Fecal Coliform | SPECIFIC CONDUCTIVITY (mS/cm): | 0.022 | 0.187 | 0.090 | 0.092 | 0.019 |
| NEIGHBORING LANDUSE: | Residential and commercial | DISSOLVED OXYGEN (mg/L): | 2.3 | 7.9 | 4.3 | 4.6 | 1.3 |
| SPATIAL LOCATION: | Most upstream site | | | | | | |
| TOTAL NO. STORMS OVER 0.1 INCH: | 13 | | | | | | |
| MAX. DAILY RAINFALL: | 1.5 inches | | | | | | |
| TOTAL RAINFALL (FOR PERIOD): | 7.4 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 (July 7, 2021 - August 9, 2021)

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 |
| <i>Escherichia coli</i> (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

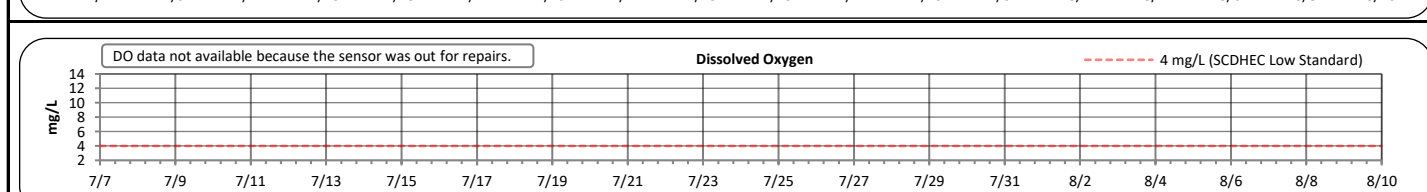
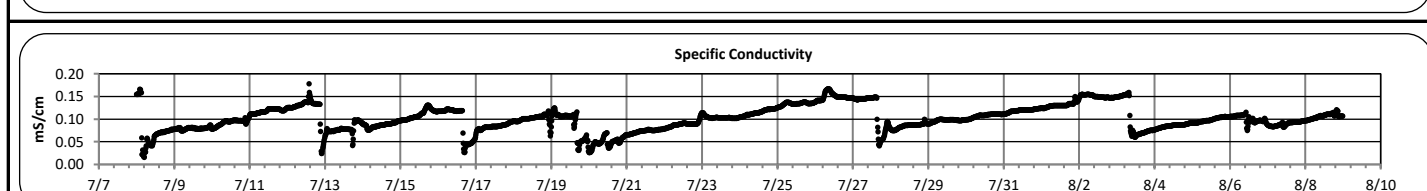
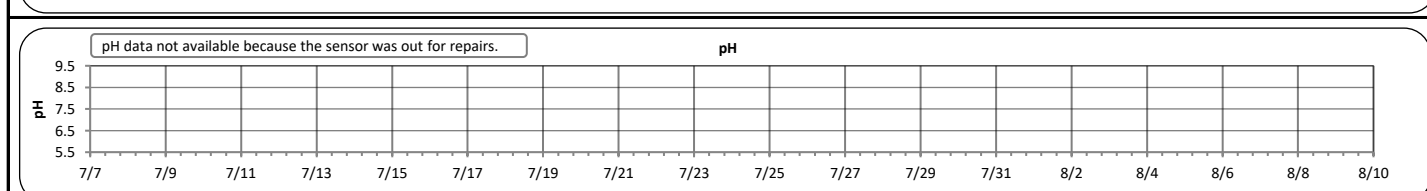
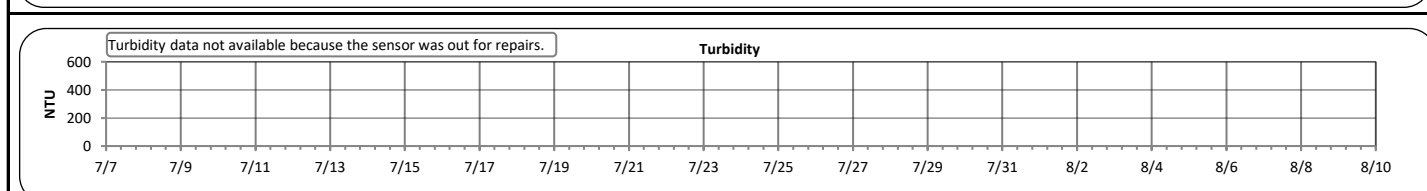
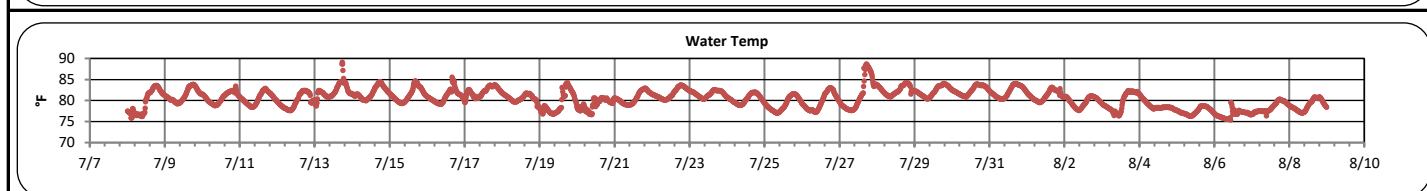
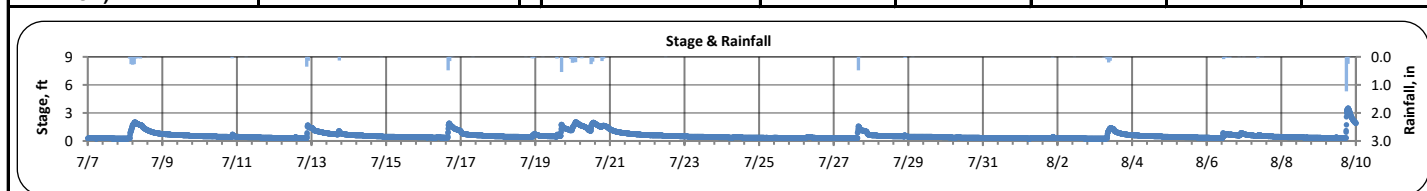
Turbidity data was not collected during this monitoring period because the sensor was broken. There were no other data gaps at the KINA station.

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)

| 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 | 3.5 | 0.5 | 0.6 | 0.4 |
| LOCATION: | Broken Hill Rd | TEMPERATURE (°F): | 75 | 89 | 81 | 80 | 2 |
| ADDRESS: | 609 Broken Hill Rd Columbia, SC 29212 | TURBIDITY (NTU): | - | - | - | - | - |
| COORDINATES: | 34.06635, -81.159986 | pH: | - | - | - | - | - |
| TMDL/IMPAIRMENT: | Fecal Coliform | SPECIFIC CONDUCTIVITY (mS/cm): | 0.016 | 0.178 | 0.099 | 0.101 | 0.027 |
| NEIGHBORING LANDUSE: | Residential and commercial | DISSOLVED OXYGEN (mg/L): | - | - | - | - | - |
| SPATIAL LOCATION: | Most downstream site | | | | | | |
| TOTAL NO. STORMS OVER 0.1 INCH: | 13 | | | | | | |
| MAX. DAILY RAINFALL: | 1.5 inches | | | | | | |
| TOTAL RAINFALL (FOR PERIOD): | 7.4 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 (July 7, 2021 - August 9, 2021)

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 |
| <i>Escherichia coli</i> (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.