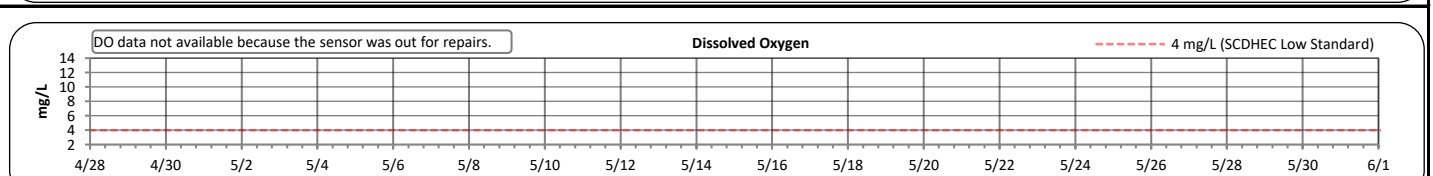
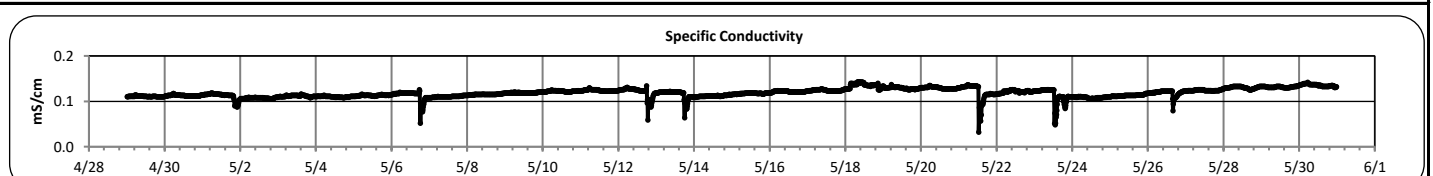
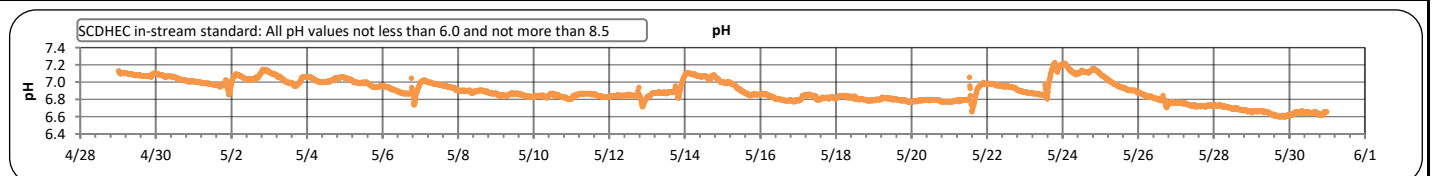
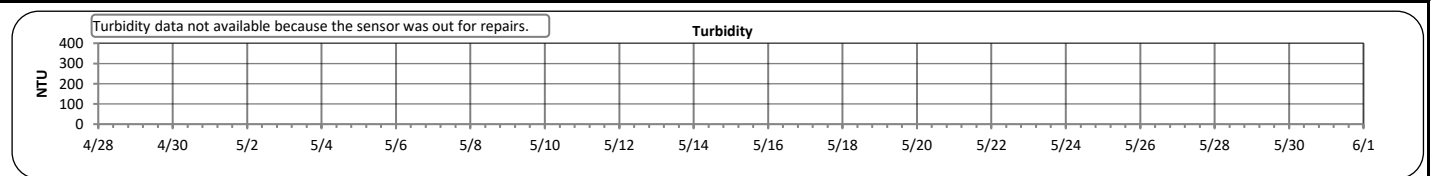
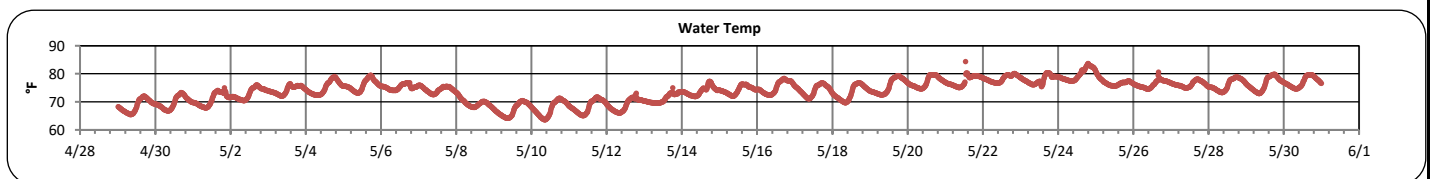
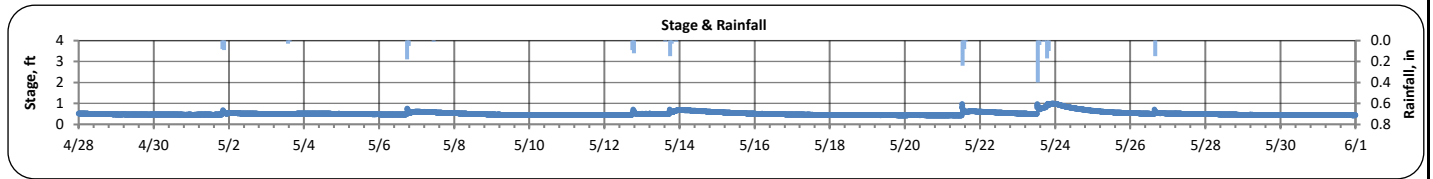


# Continuous Water Quality Monitoring Periodic Report

Kinley Creek A (April 28, 2022 - June 1, 2022)

| 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                | 1.0              | 0.5             | 0.5           | 0.1                |
| LOCATION:                       | Longhorn Steakhouse                     | TEMPERATURE (°F):                    | 64                 | 84               | 75              | 74            | 4                  |
| ADDRESS:                        | 171 Harbison Blvd<br>Columbia, SC 29212 | TURBIDITY (NTU):                     | -                  | -                | -               | -             | -                  |
| COORDINATES:                    | 34.069897, -81.164592                   | pH:                                  | 6.6                | 7.2              | 6.9             | 6.9           | 0.1                |
| TMDL/IMPAIRMENT:                | Fecal Coliform                          | SPECIFIC CONDUCTIVITY (mS/cm):       | 0.032              | 0.143            | 0.118           | 0.119         | 0.010              |
| NEIGHBORING LANDUSE:            | Residential and commercial              | DISSOLVED OXYGEN (mg/L):             | -                  | -                | -               | -             | -                  |
| SPATIAL LOCATION:               | Most upstream site                      |                                      |                    |                  |                 |               |                    |
| TOTAL NO. STORMS OVER 0.1 INCH: | 7                                       |                                      |                    |                  |                 |               |                    |
| MAX. DAILY RAINFALL:            | 0.7 inches                              |                                      |                    |                  |                 |               |                    |
| TOTAL RAINFALL (FOR PERIOD):    | 2.1 inches                              |                                      |                    |                  |                 |               |                    |



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

REPORT GENERATED ON 8/1/2022

**Continuous Water Quality  
Monitoring Periodic Report**

**Kinley Creek A (April 28, 2022 - June 1, 2022)**

**Explanation of Statistics:**

|                           |  |
|---------------------------|--|
| <b>MINIMUM OBSERVED</b>   | The minimum of the values recorded by the datasonde in 15 minute intervals.                |
| <b>MAXIMUM OBSERVED</b>   | The maximum of the values recorded by the datasonde in 15 minute intervals.                |
| <b>MEDIAN OBSERVED</b>    | The median of all the values recorded by the datasonde in 15 minute intervals.             |
| <b>MEAN OBSERVED</b>      | The average of all the values recorded by the datasonde in 15 minute intervals.            |
| <b>STANDARD DEVIATION</b> | The standard deviation of all the values recorded by the datasonde in 15 minute intervals. |

**Sampled Data:**

| Analyte<br>(units)                     | Sample 1  |        | Sample 2  |        | Sample 3  |        | Sample 4 |        |
|--|-----------|--------|-----------|--------|-----------|--------|----------|--------|
|  | 5/23/2022 |        | 5/23/2022 |        | 5/23/2022 |        |          |        |
|  | Time      | Result | Time      | Result | Time      | Result | Time     | Result |
| <i>Escherichia coli</i><br>(MPN/100mL) | 12:39     | 8704   | 14:14     | 7746   | 15:36     | 2374   |          |        |
| Total Suspended Solids (mg/L)          |           |        |           |        |           |        |          |        |
| Total Phosphorus (mg/L)                |           |        |           |        |           |        |          |        |
| Total Nitrogen (mg/L)                  |           |        |           |        |           |        |          |        |

All samples were collected during dry weather sampling.

**Notes:**

Data Gaps

Turbidity and dissolved oxygen data was not collected during this monitoring period at KINA due to sensor repairs.

Potential Illicit Discharges and Abnormal Events:

There were no indications of potential illicit discharges or abnormal events that occurred during this monitoring period.

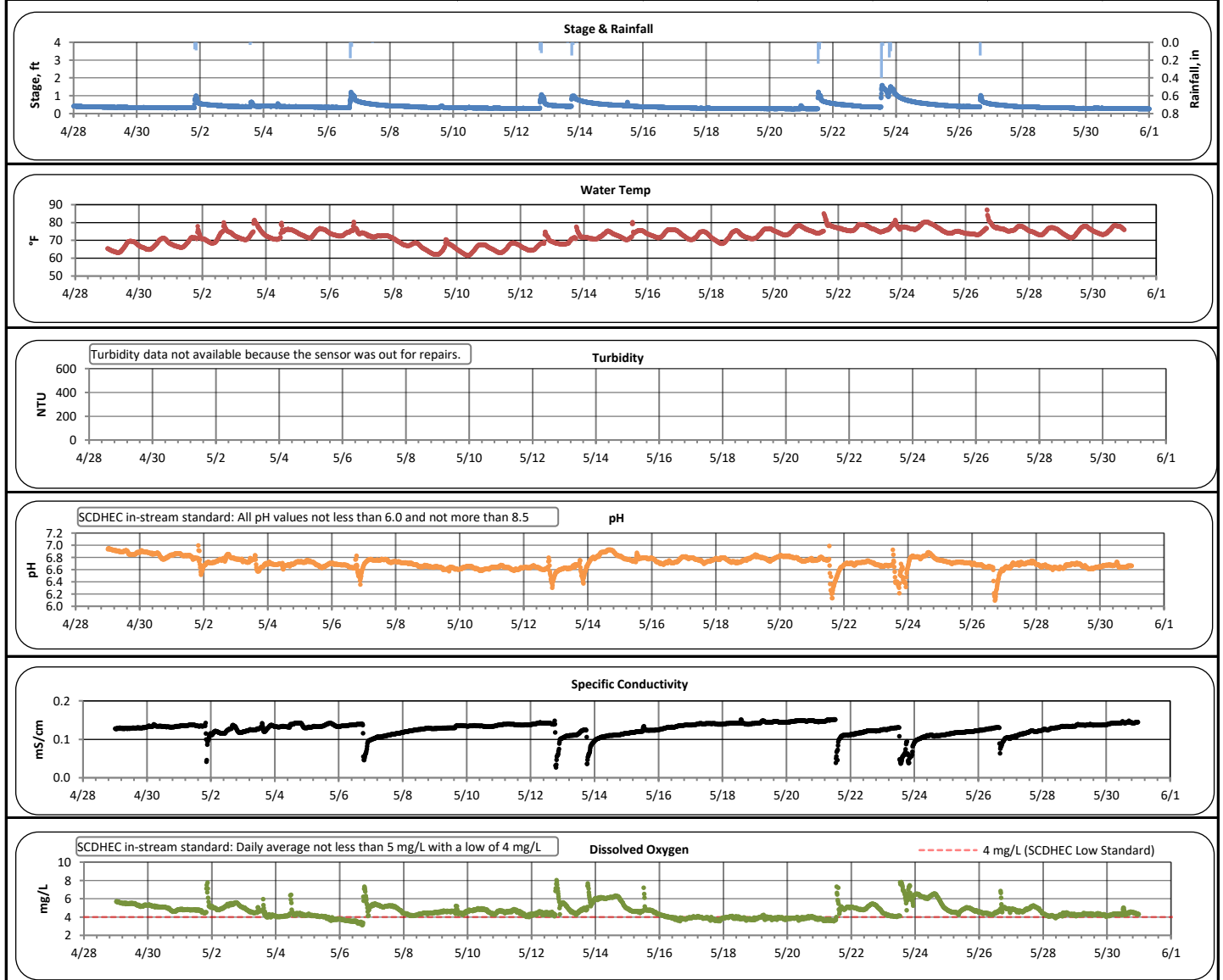
Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

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# Continuous Water Quality Monitoring Periodic Report

Kinley Creek B (April 28, 2022 - June 1, 2022)

| PARAMETER                          | DESCRIPTION                              | CONTINUOUS<br>WATER QUALITY<br>PARAMETERS: | SUMMARY STATISTICS  |                     |                    |                  |                       |
|------------------------------------|--|--|---------------------|---------------------|--------------------|------------------|-----------------------|
|                                    |  |  | MINIMUM<br>OBSERVED | MAXIMUM<br>OBSERVED | MEDIAN<br>OBSERVED | MEAN<br>OBSERVED | STANDARD<br>DEVIATION |
| STREAM NAME:                       | Kinley Creek                             | STAGE (FT):                                | 0.3                 | 1.6                 | 0.4                | 0.4              | 0.2                   |
| LOCATION:                          | Broken Hill Rd                           | TEMPERATURE (°F):                          | 62                  | 87                  | 73                 | 72               | 4                     |
| ADDRESS:                           | 609 Broken Hill Rd<br>Columbia, SC 29212 | TURBIDITY (NTU):                           | -                   | -                   | -                  | -                | -                     |
| COORDINATES:                       | 34.06635, -81.159986                     | pH:  | 6.1                 | 7.0                 | 6.7                | 6.7              | 0.1                   |
| TMDL/IMPAIRMENT:                   | Fecal Coliform                           | SPECIFIC<br>CONDUCTIVITY<br>(mS/cm):       | 0.027               | 0.152               | 0.131              | 0.127            | 0.017                 |
| NEIGHBORING<br>LANDUSE:            | Residential and commercial               | DISSOLVED OXYGEN<br>(mg/L):                | 3.1                 | 8.1                 | 4.6                | 4.7              | 0.7                   |
| SPATIAL LOCATION:                  | Most downstream site                     |  |                     |                     |                    |                  |                       |
| TOTAL NO. STORMS<br>OVER 0.1 INCH: | 7  |  |                     |                     |                    |                  |                       |
| MAX. DAILY RAINFALL:               | 0.7 inches                               |  |                     |                     |                    |                  |                       |
| TOTAL RAINFALL (FOR<br>PERIOD):    | 2.1 inches                               |  |                     |                     |                    |                  |                       |



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

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**Continuous Water Quality  
Monitoring Periodic Report**

**Kinley Creek B (April 28, 2022 - June 1, 2022)**

**Explanation of Statistics:**

|                           |  |
|---------------------------|--|
| <b>MINIMUM OBSERVED</b>   | The minimum of the values recorded by the datasonde in 15 minute intervals.                |
| <b>MAXIMUM OBSERVED</b>   | The maximum of the values recorded by the datasonde in 15 minute intervals.                |
| <b>MEDIAN OBSERVED</b>    | The median of all the values recorded by the datasonde in 15 minute intervals.             |
| <b>MEAN OBSERVED</b>      | The average of all the values recorded by the datasonde in 15 minute intervals.            |
| <b>STANDARD DEVIATION</b> | The standard deviation of all the values recorded by the datasonde in 15 minute intervals. |

**Sampled Data:**

| Analyte<br>(units)                     | Sample 1  |        | Sample 2  |        | Sample 3  |        | Sample 4 |        |
|--|-----------|--------|-----------|--------|-----------|--------|----------|--------|
|  | 5/23/2022 |        | 5/23/2022 |        | 5/23/2022 |        |          |        |
|  | Time      | Result | Time      | Result | Time      | Result | Time     | Result |
| <i>Escherichia coli</i><br>(MPN/100mL) | 12:55     | 4092   | 14:26     | 39730  | 15:48     | 20920  |          |        |
| Total Suspended Solids (mg/L)          |           |        |           |        |           |        |          |        |
| Total Phosphorus (mg/L)                |           |        |           |        |           |        |          |        |
| Total Nitrogen (mg/L)                  |           |        |           |        |           |        |          |        |

All samples were collected during dry weather sampling.

**Notes:**

Data Gaps

Turbidity data was not collected during this monitoring period at KINB due to sensor repairs.

Potential Illicit Discharges and Abnormal Events:

The DO increased and the pH decreased abnormally during storm events on May 6th, 12th, 13th, 21st, 23rd, and 26th.

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

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