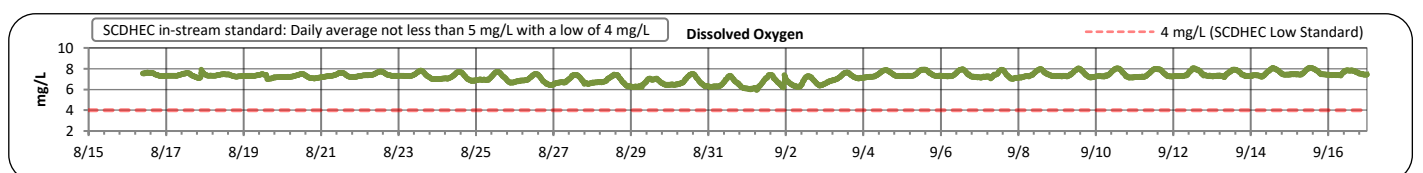
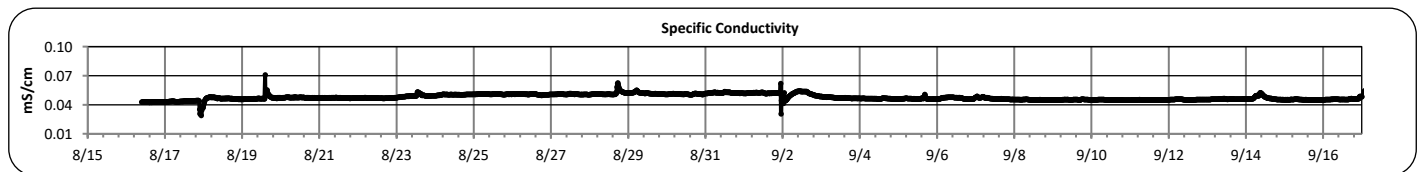
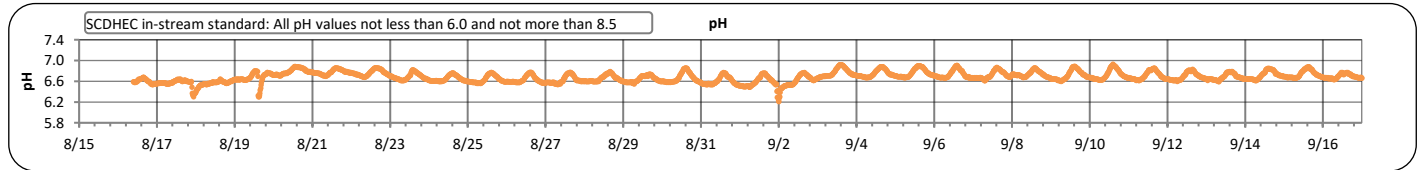
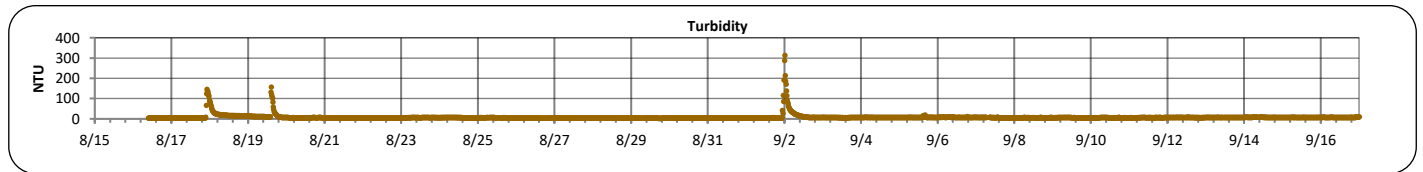
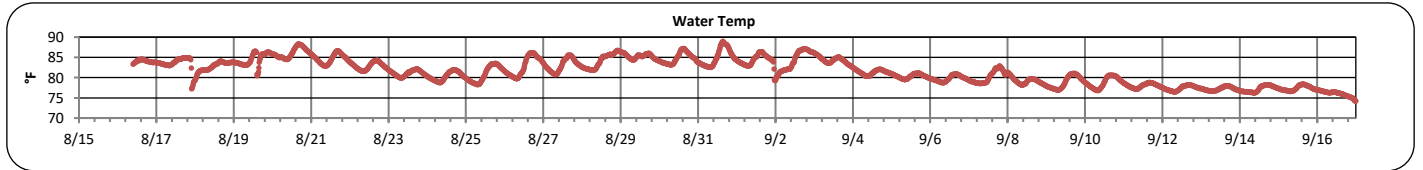
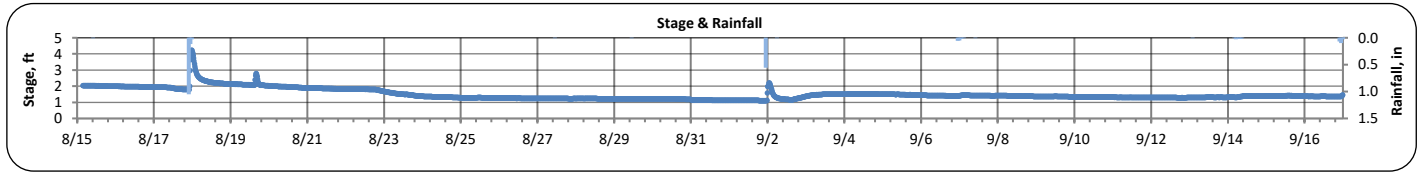


# Continuous Water Quality Monitoring Periodic Report

Gills Creek A (August 15, 2024 - September 17, 2024)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Gills Creek	STAGE (FT):	1.1	4.2	1.4	1.5	0.3
LOCATION:	Forest Drive Bridge	TEMPERATURE (°F):	74	89	82	82	3
ADDRESS:	4840 Forest Drive, Columbia, SC 29206	TURBIDITY (NTU):	3	313	7	8	15
COORDINATES:	34.019826, -80.963566	pH:	6.2	6.9	6.7	6.7	0.1
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	SPECIFIC CONDUCTIVITY (mS/cm):	0.029	0.071	0.047	0.048	0.003
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.0	8.1	7.3	7.2	0.4
APPROX. DRAINAGE AREA:	48 square miles						
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	1.2 inches						
TOTAL RAINFALL (FOR PERIOD):	2.4 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**

**Gills Creek A (August 15, 2024 - September 17, 2024)**

**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:** No samples were collected during this monitoring period.

Analyte (units)								
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)								
Total Suspended Solids (mg/L)								
Lead (mg/L)								
Hardness								

**Notes:**

Data Gaps

Calibration period occurred from 8/13-8/15.

Potential Illicit Discharges and Abnormal Events:

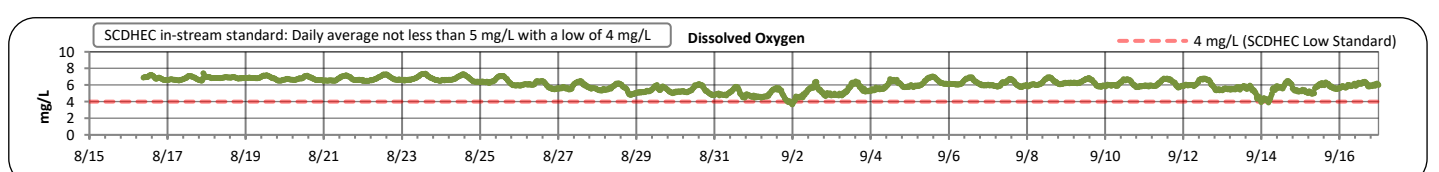
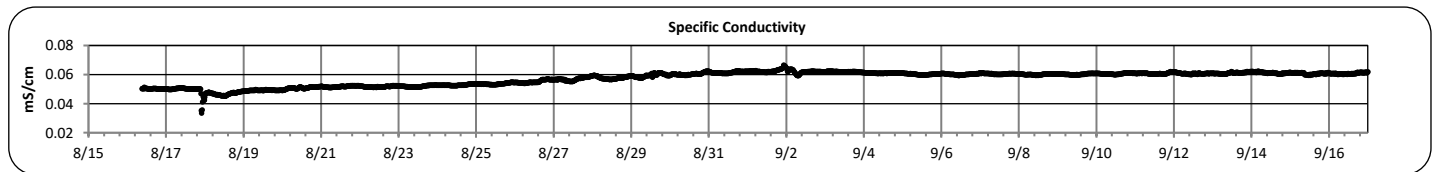
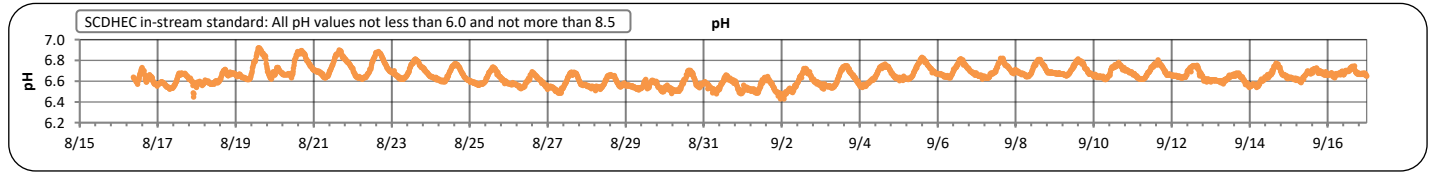
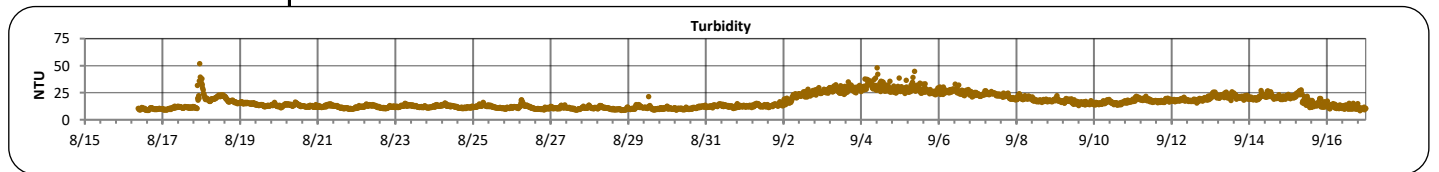
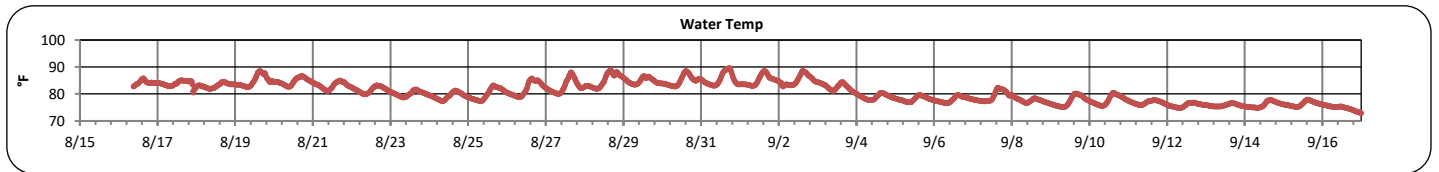
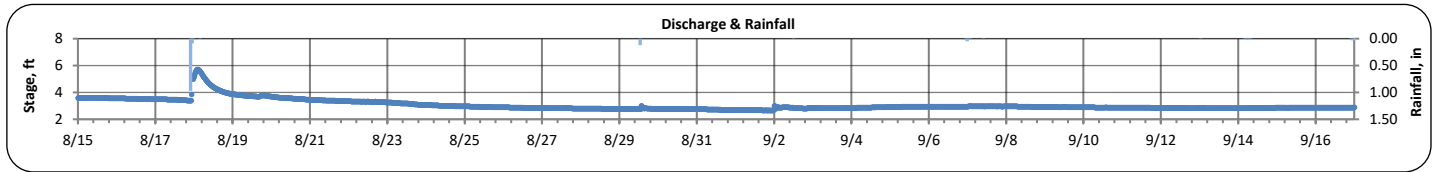
No abnormal events were observed during this monitoring period.

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

Gills Creek B (August 15, 2024 - September 17, 2024)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Gills Creek	STAGE (FT):	2.7	5.7	2.9	3.1	0.4
LOCATION:	Devine Street bridge	TEMPERATURE (°F):	72	90	81	81	4
ADDRESS:	4716 Devine Street Columbia, SC 29209	TURBIDITY (NTU):	8	52	14	17	6
COORDINATES:	33.989656, -80.97433	pH:	6.4	6.9	6.7	6.7	0.1
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	SPECIFIC CONDUCTIVITY (mS/cm):	0.034	0.067	0.060	0.058	0.005
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	3.7	7.4	6.1	6.1	0.7
APPROX. DRAINAGE AREA:	59 square miles						
SPATIAL LOCATION:	Middle site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	1.1 inches						
TOTAL RAINFALL (FOR PERIOD):	1.6 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**

**Gills Creek B (August 15, 2024 - September 17, 2024)**

**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:** No samples were collected during this monitoring period.

Analyte (units)								
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)								
Total Suspended Solids (mg/L)								
Lead (mg/L)								
Hardness								

**Notes:**

Data Gaps

Calibration period occurred from 8/13-8/15.

Potential Illicit Discharges and Abnormal Events:

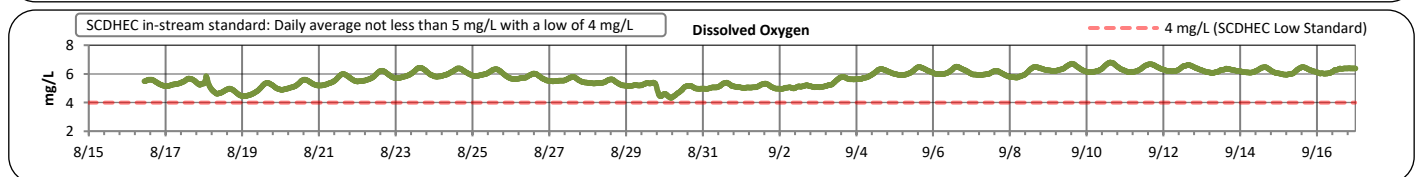
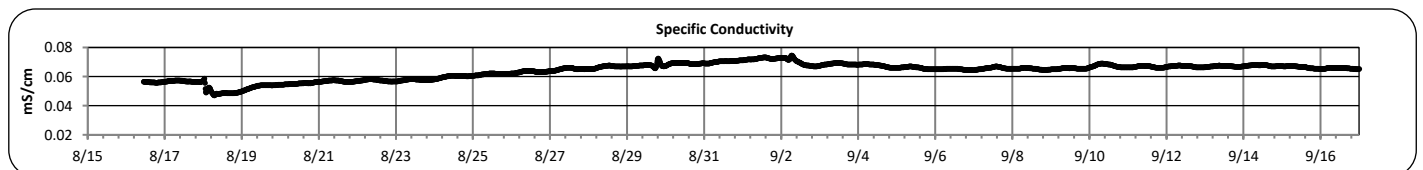
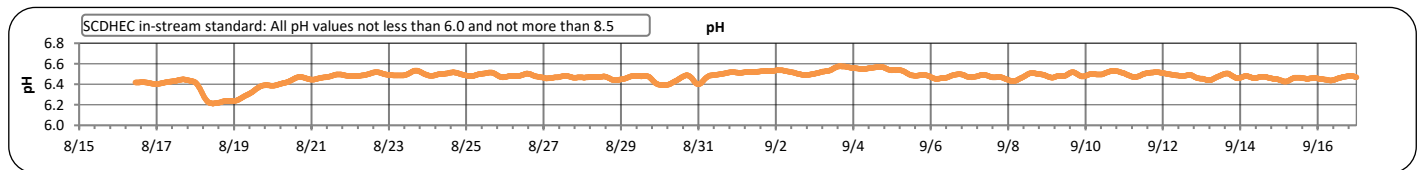
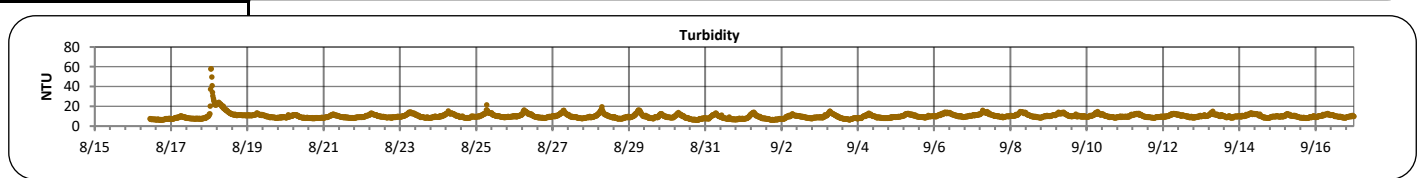
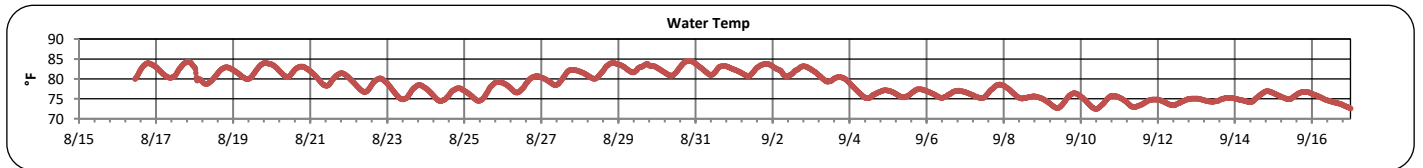
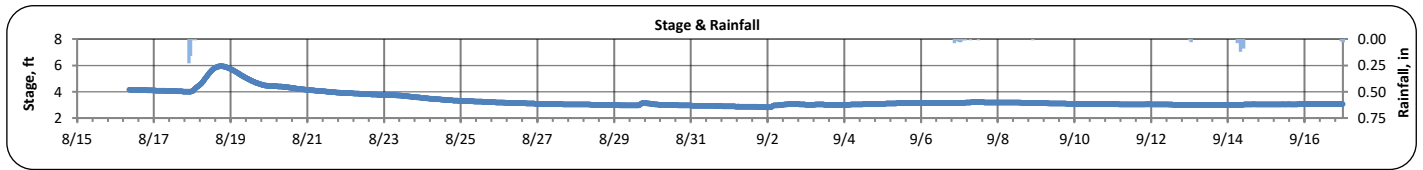
No abnormal events were observed during this monitoring period.

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

Gills Creek C (August 15, 2024 - September 17, 2024)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Gills Creek	STAGE (FT):	2.8	6.0	3.1	3.4	0.6
LOCATION:	Bluff Road bridge	TEMPERATURE (°F):	71	85	78	78	3
ADDRESS:	3009 Bluff Rd. Columbia, SC 29209						
COORDINATES:	33.948043, -80.9889	TURBIDITY (NTU):	6	58	10	10	3
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	pH:	6.2	6.6	6.5	6.5	0.1
NEIGHBORING LANDUSE:	Residential and commercial						
APPROX. DRAINAGE AREA:	64 square miles	SPECIFIC CONDUCTIVITY (mS/cm):	0.047	0.075	0.066	0.064	0.006
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	2	DISSOLVED OXYGEN (mg/L):	4.4	6.8	5.9	5.8	0.5
MAX. DAILY RAINFALL:	0.4 inches						
TOTAL RAINFALL (FOR PERIOD):	1.0 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**

**Gills Creek C (August 15, 2024 - September 17, 2024)**

**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:** No samples were collected during this monitoring period.

Analyte (units)								
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)								
Total Suspended Solids (mg/L)								
Lead (mg/L)								
Hardness								

**Notes:**

Data Gaps

Calibration period occurred from 8/13-8/15.

Potential Illicit Discharges and Abnormal Events:

No abnormal events were observed during this monitoring period.

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