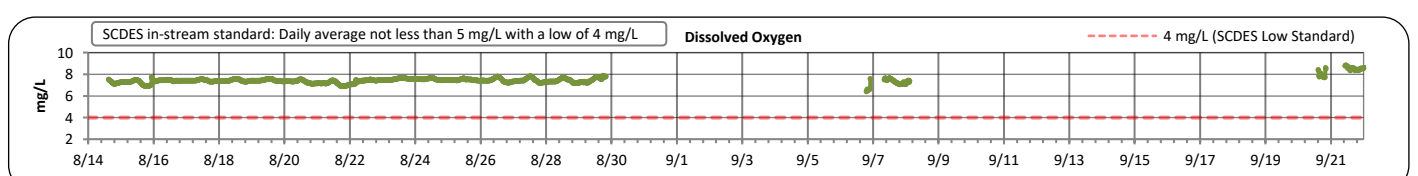
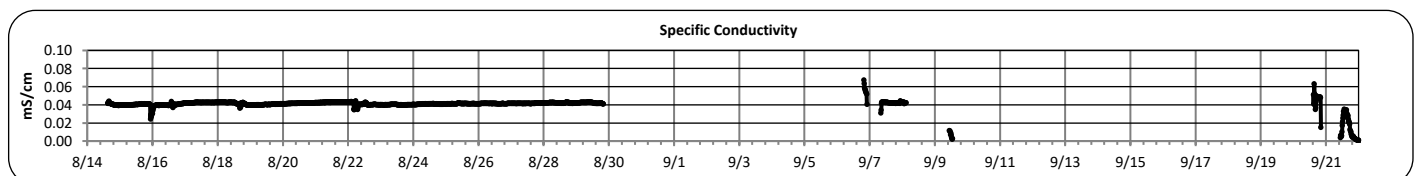
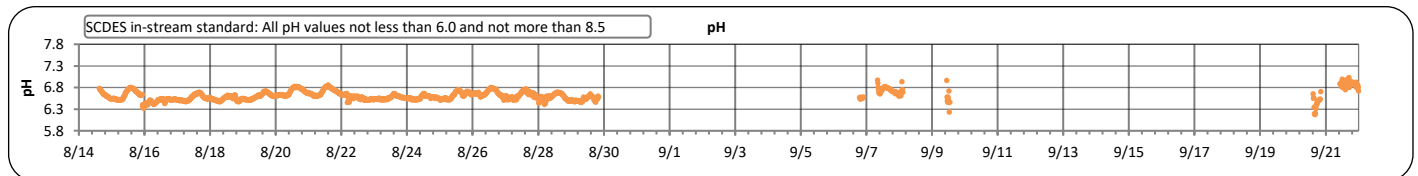
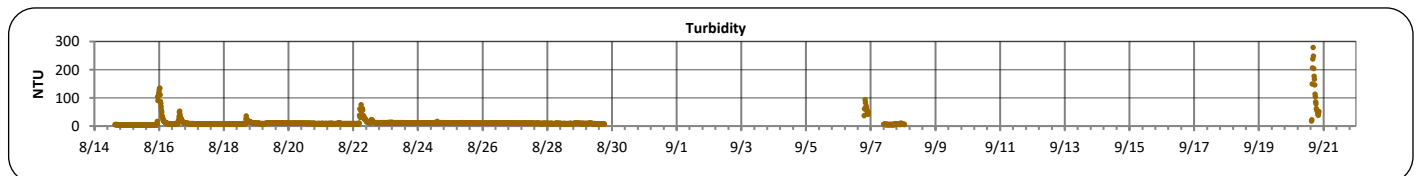
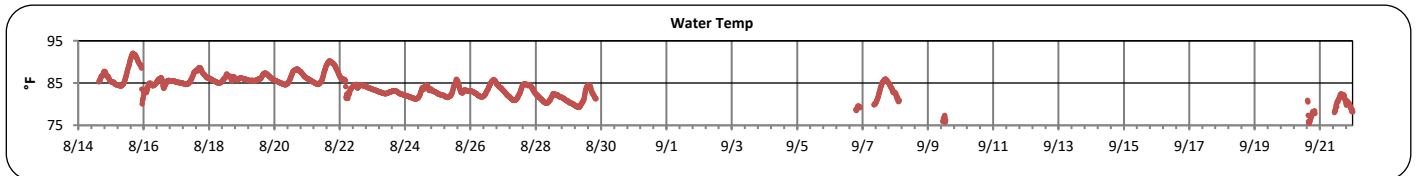
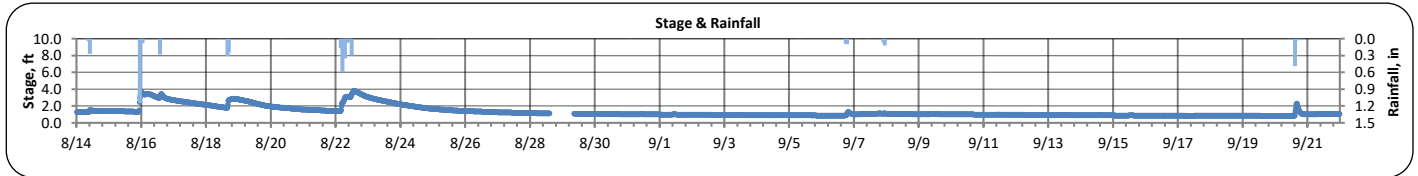




Continuous Water Quality Monitoring Periodic Report

Gills Creek A (August 14, 2025 - September 22, 2025)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Gills Creek	STAGE (FT):	0.8	3.8	1.0	1.3	0.6
LOCATION:	Forest Drive Bridge	TEMPERATURE (°F):	73	92	84	84	3
ADDRESS:	4840 Forest Drive, Columbia, SC 29206	TURBIDITY (NTU):	4	279	10	13	19
COORDINATES:	34.019826, -80.963566	pH:	6.1	7.0	6.6	6.6	0.1
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	SPECIFIC CONDUCTIVITY (mS/cm):	0.001	0.068	0.042	0.040	0.008
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.4	9.3	7.5	7.5	0.3
APPROX. DRAINAGE AREA:	48 square miles						
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	8						
MAX. DAILY RAINFALL:	1.6 inches						
TOTAL RAINFALL (FOR PERIOD):	5.2 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 14, 2025 - September 22, 2025)

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: One dry weather sample was collected during this monitoring period.

Analyte (units)	Sample 1							
	9/17/2025							
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:00	ND						
Total Suspended Solids (mg/L)								
Lead (mg/L)								
Hardness (mg/L)								

Notes:

Data Gaps

Calibration period occurred on 8/13-8/14. Data gap present in all water quality parameters from 8/30-9/6, 9/8-9/9 and 9/9-9/20 due to alternating periods of unsubmergence and sonde impaction. Additional data gap is present in all water quality parameters on 9/21 due to and additional period of impaction caused by sediment build-up. Data gap in stage data on 8/28 due to station maintenance.

Potential Illicit Discharges and Abnormal Events:

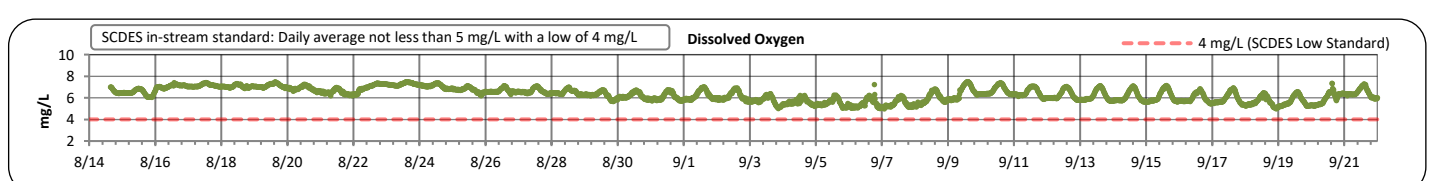
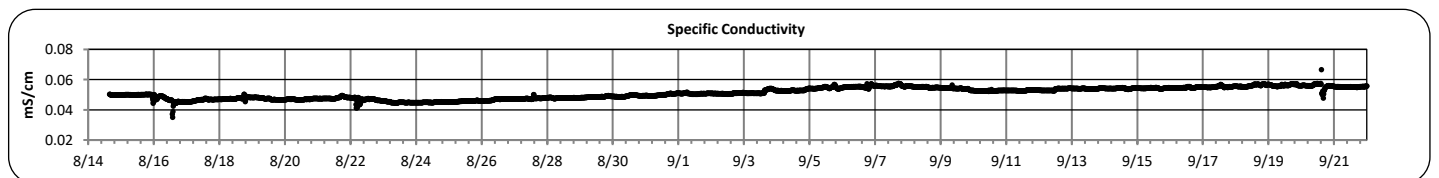
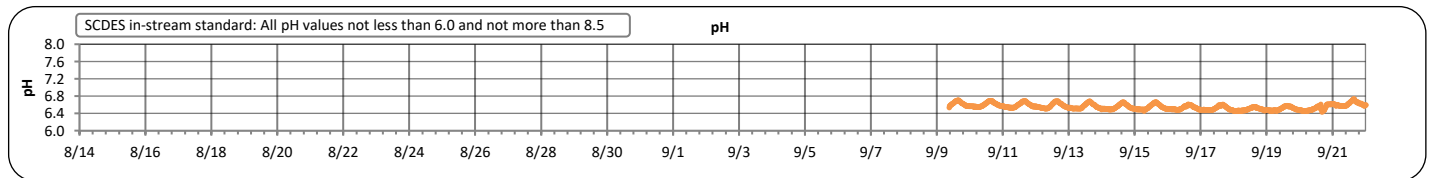
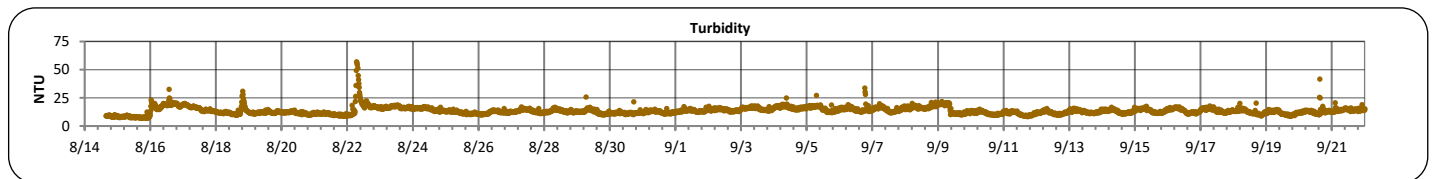
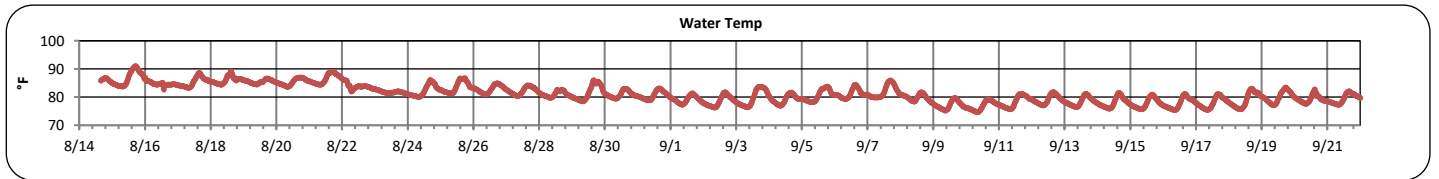
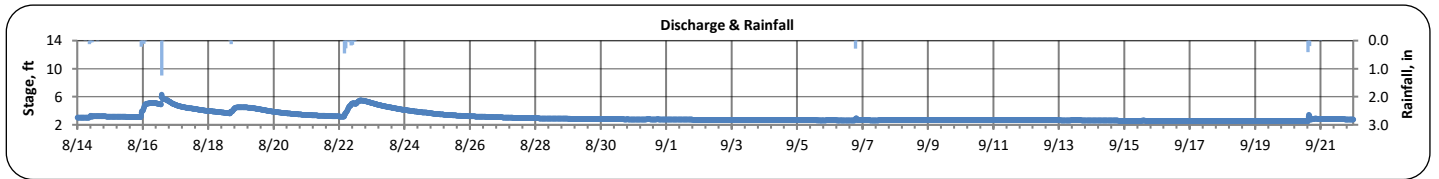
No potential illicit discharges observed during this monitoring period.



Continuous Water Quality Monitoring Periodic Report

Gills Creek B (August 14, 2025 - September 22, 2025)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Gills Creek	STAGE (FT):	2.5	6.3	2.8	3.1	0.7
LOCATION:	Devine Street bridge	TEMPERATURE (°F):	75	91	81	81	3
ADDRESS:	4716 Devine Street Columbia, SC 29209	TURBIDITY (NTU):	7	57	13	14	3
COORDINATES:	33.989656, -80.97433	pH:	6.4	6.7	6.6	6.6	0.1
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	SPECIFIC CONDUCTIVITY (mS/cm):	0.035	0.067	0.051	0.051	0.004
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.0	7.5	6.4	6.3	0.6
APPROX. DRAINAGE AREA:	59 square miles						
SPATIAL LOCATION:	Middle site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	1.4 inches						
TOTAL RAINFALL (FOR PERIOD):	4.2 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 14, 2025 - September 22, 2025)

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: One dry weather sample was collected during this monitoring period.

Analyte (units)	Sample 1							
	9/17/2025							
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:20	82						
Total Suspended Solids (mg/L)								
Lead (mg/L)								
Hardness (mg/L)								

Notes:

Data Gaps

Calibration period occurred on 8/13-8/14. Data gap observed in pH data from 8/14-9/9 due to sensor maintenance.

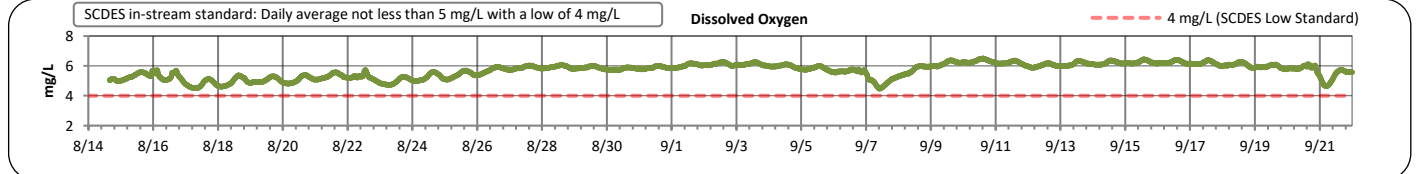
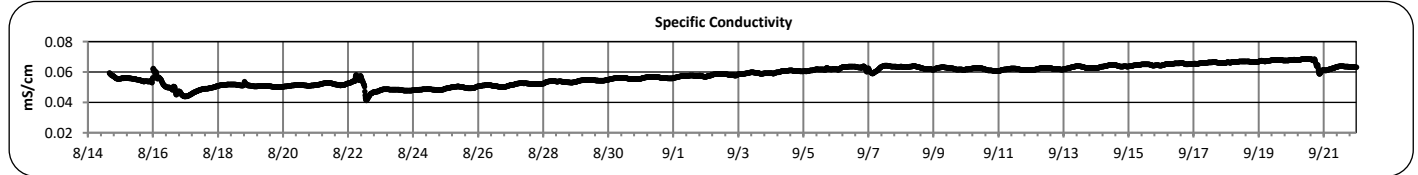
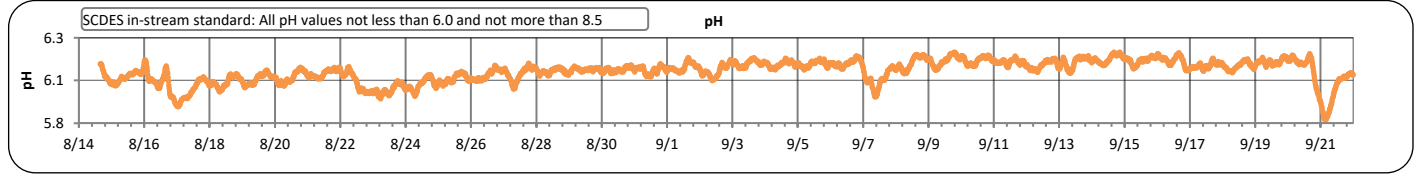
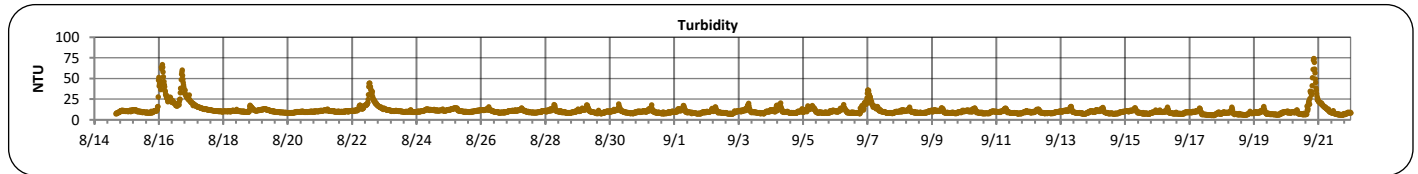
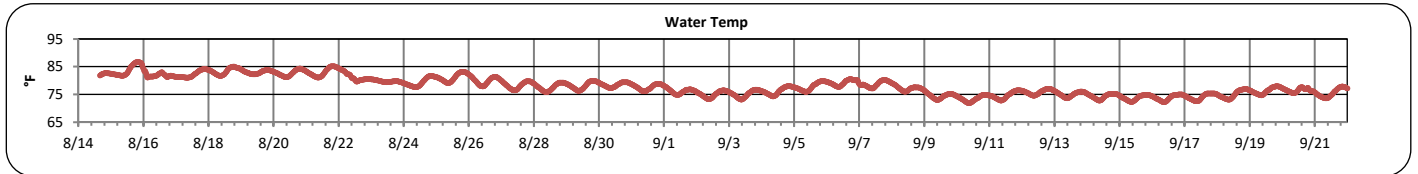
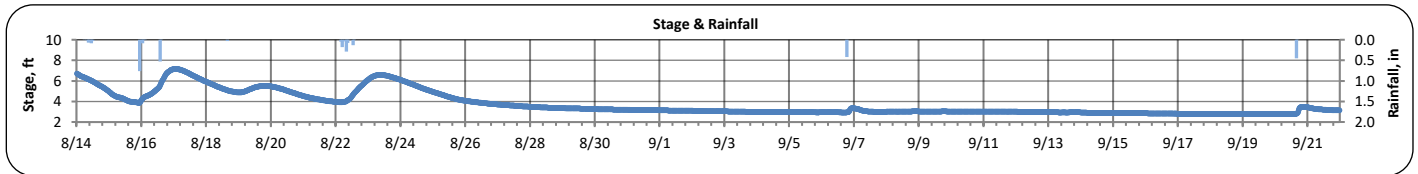
Potential Illicit Discharges and Abnormal Events:

Potential illicit discharge event visible in all water quality data, excluding water temperature, and stage data on 9/6 caused by an unknown source.

Continuous Water Quality Monitoring Periodic Report

Gills Creek C (August 14, 2025 - September 22, 2025)

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	7.2	3.2	3.7	1.1
LOCATION:	Bluff Road bridge	TEMPERATURE (°F):	72	87	77	78	3
ADDRESS:	3009 Bluff Rd. Columbia, SC 29209	TURBIDITY (NTU):	5	74	10	11	6
COORDINATES:	33.948043, -80.9889	pH:	5.8	6.2	6.1	6.1	0.1
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	SPECIFIC CONDUCTIVITY (mS/cm):	0.041	0.069	0.059	0.058	0.006
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.5	6.5	5.9	5.7	0.5
APPROX. DRAINAGE AREA:	64 square miles						
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	7						
MAX. DAILY RAINFALL:	0.81 inches						
TOTAL RAINFALL (FOR PERIOD):	3.4 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 C (August 14, 2025 - September 22, 2025)

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: One dry weather sample was collected during this monitoring period.

Analyte (units)	Sample 1							
	9/17/2025							
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:40	82						
Total Suspended Solids (mg/L)								
Lead (mg/L)								
Hardness (mg/L)								

Notes:

Data Gaps

Calibration period occurred on 8/13-8/14. No data gaps occurred during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

Potential illicit discharge event visible in all water quality data, excluding water temperature, and stage data on 9/7 caused by an unknown source.