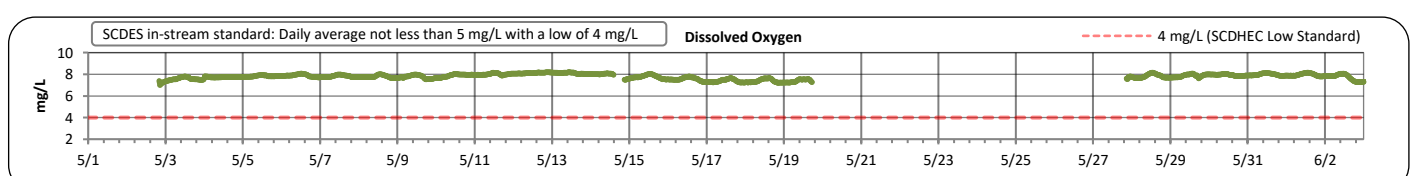
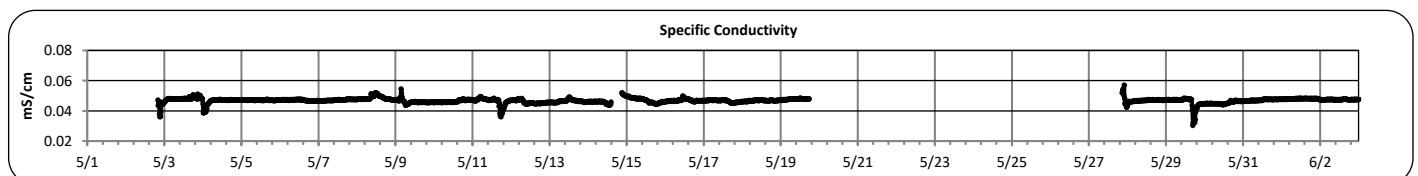
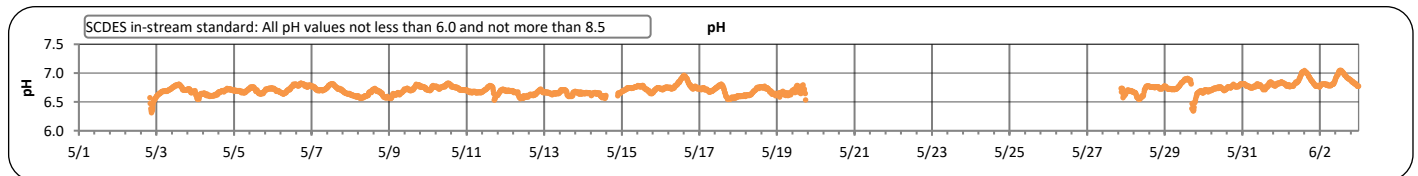
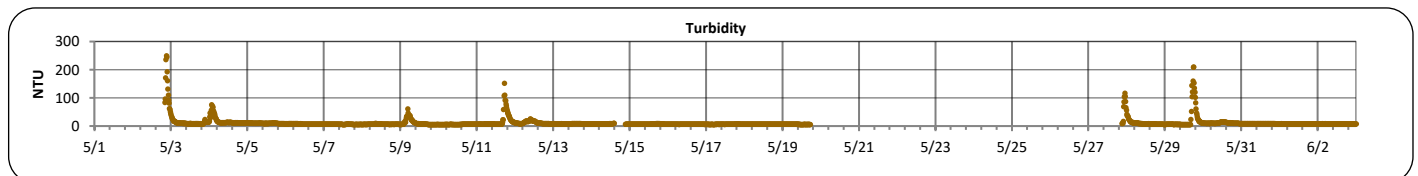
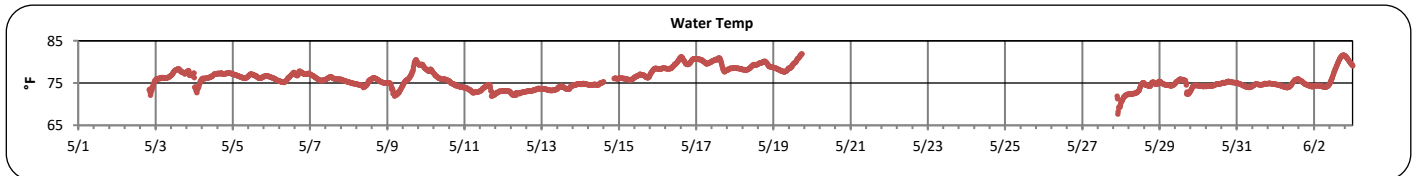
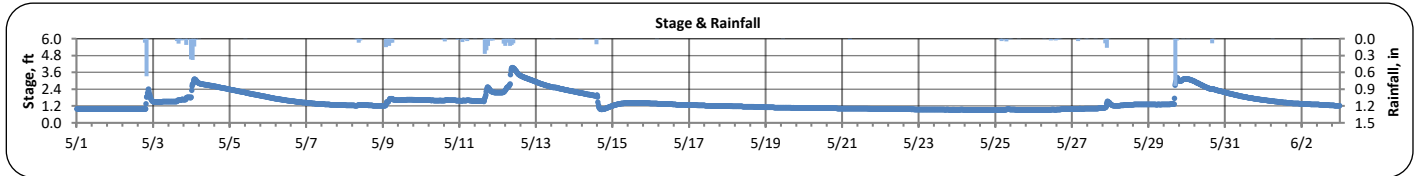




## Continuous Water Quality Monitoring Periodic Report

Gills Creek A (May 1, 2025 - June 3, 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):	0.9	3.9	1.3	1.5	0.6
LOCATION:	Forest Drive Bridge	TEMPERATURE (°F):	68	82	76	76	2
ADDRESS:	4840 Forest Drive, Columbia, SC 29206	TURBIDITY (NTU):	6	250	8	12	18
COORDINATES:	34.019826, -80.963566	pH:	6.3	7.1	6.7	6.7	0.1
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	SPECIFIC CONDUCTIVITY (mS/cm):	0.031	0.057	0.047	0.047	0.002
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	7.0	8.2	7.8	7.8	0.2
APPROX. DRAINAGE AREA:	48 square miles						
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	12						
MAX. DAILY RAINFALL:	0.9 inches						
TOTAL RAINFALL (FOR PERIOD):	6.0 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 A (May 1, 2025 - June 3, 2025)**

**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:** Four wet weather samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4	
	5/12/2025		5/12/2025		5/12/2025		5/12/2025	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:12	576	10:15	690	11:52	602	13:00	338
Total Suspended Solids (mg/L)	9:12	16.4	10:15	23	11:52	16.2	13:00	15.6
Lead (mg/L)	9:12	0.003	10:15	0.004	11:52	0.003	13:00	0.003
Hardness (mg/L)	9:12	12	10:15	12	11:52	12	13:00	11

**Notes:**

Data Gaps

Calibration period occurred on 4/29-5/2. Data gap present in all water quality parameters on 5/14 and from 5/19-5/27 due to partial unsubmergence.

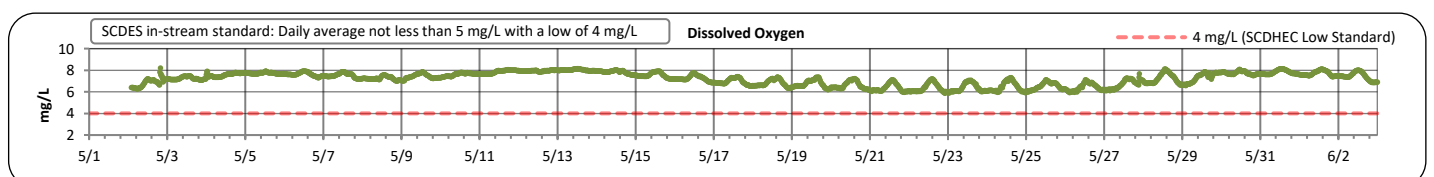
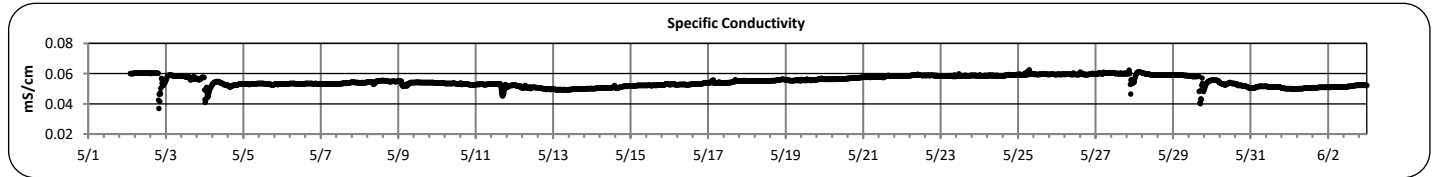
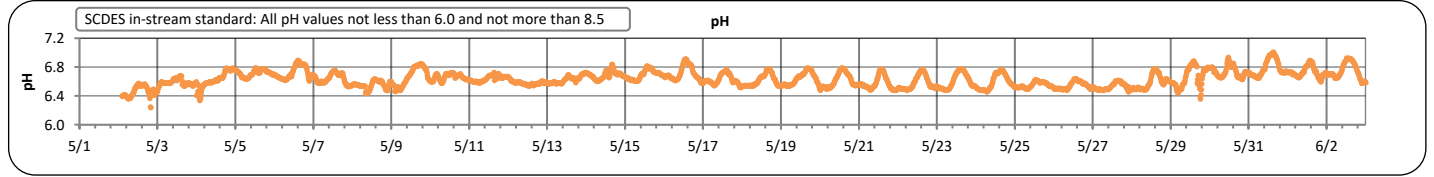
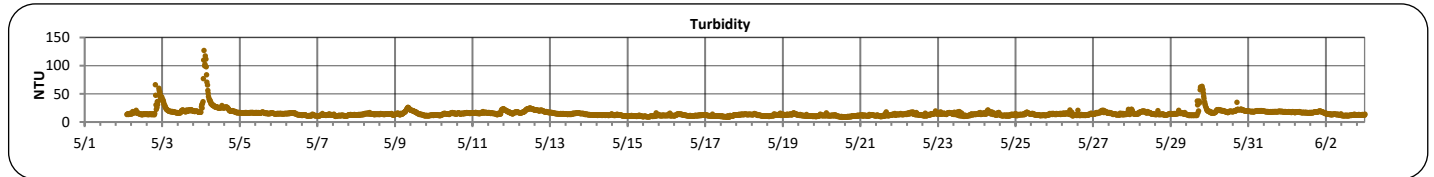
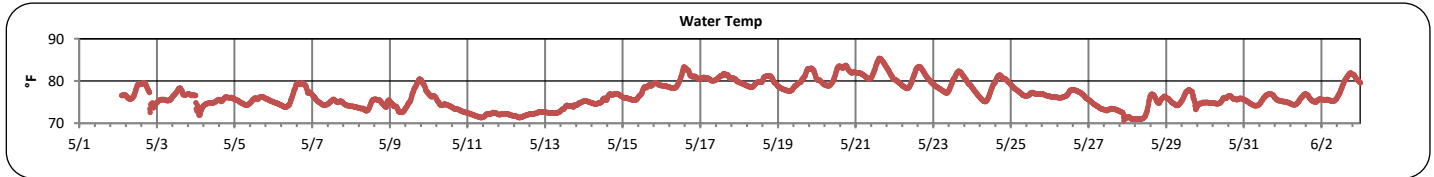
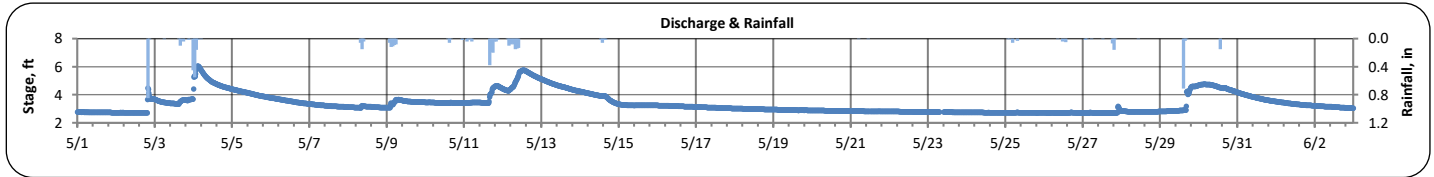
Potential Illicit Discharges and Abnormal Events:

No potential illicit discharge events visible during this monitoring period.

# Continuous Water Quality Monitoring Periodic Report

Gills Creek B (May 1, 2025 - June 3, 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):	2.7	6.1	3.2	3.4	0.7
LOCATION:	Devine Street bridge	TEMPERATURE (°F):	71	85	76	77	3
ADDRESS:	4716 Devine Street Columbia, SC 29209	TURBIDITY (NTU):	9	127	14	16	7
COORDINATES:	33.989656, -80.97433	pH:	6.2	7.0	6.6	6.6	0.1
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	SPECIFIC CONDUCTIVITY (mS/cm):	0.037	0.063	0.054	0.055	0.003
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.9	8.2	7.4	7.2	0.6
APPROX. DRAINAGE AREA:	59 square miles						
SPATIAL LOCATION:	Middle site						
TOTAL NO. STORMS OVER 0.1 INCH:	13						
MAX. DAILY RAINFALL:	1.0 inches						
TOTAL RAINFALL (FOR PERIOD):	6.5 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 (May 1, 2025 - June 3, 2025)**

**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:** Four wet weather samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4	
	5/12/2025		5/12/2025		5/12/2025		5/12/2025	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:10	768	10:15	590	11:25	40	12:45	636
Total Suspended Solids (mg/L)	9:10	17.2	10:15	21.8	11:25	22.6	12:45	44.0
Lead (mg/L)	9:10	0.003	10:15	0.003	11:25	0.003	12:45	0.003
Hardness (mg/L)	9:10	13	10:15	13	11:25	14	12:45	13

**Notes:**

Data Gaps

Calibration period occurred on 4/29-5/2. No data gaps occurred during this monitoring period.

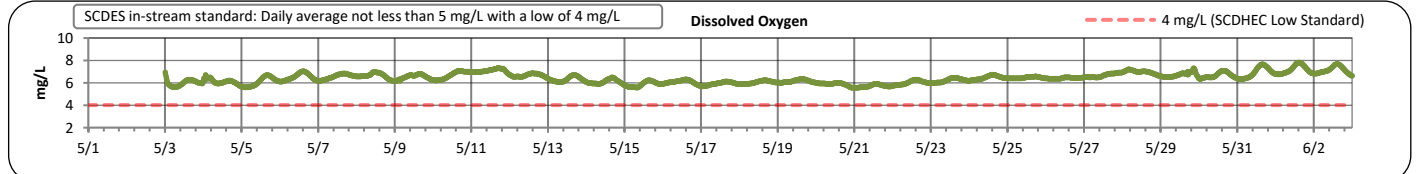
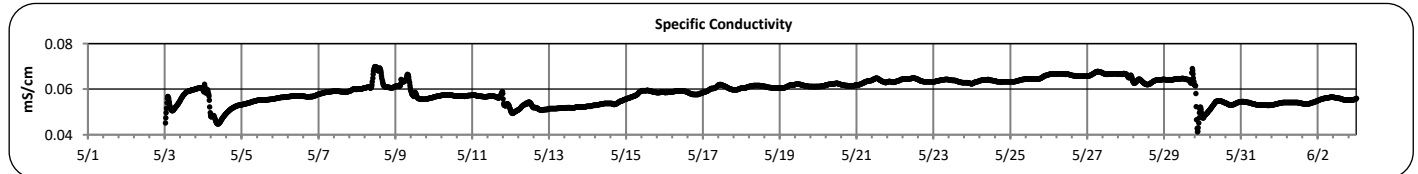
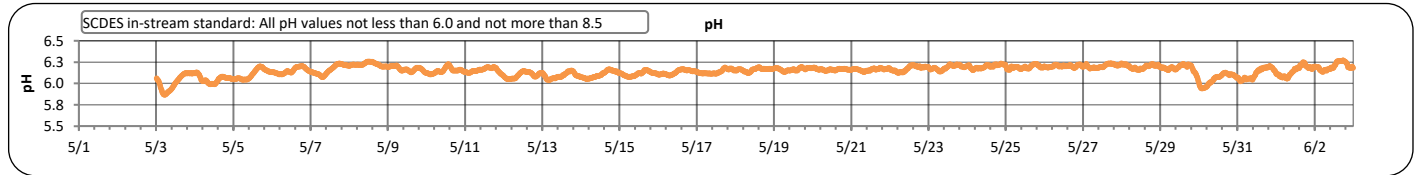
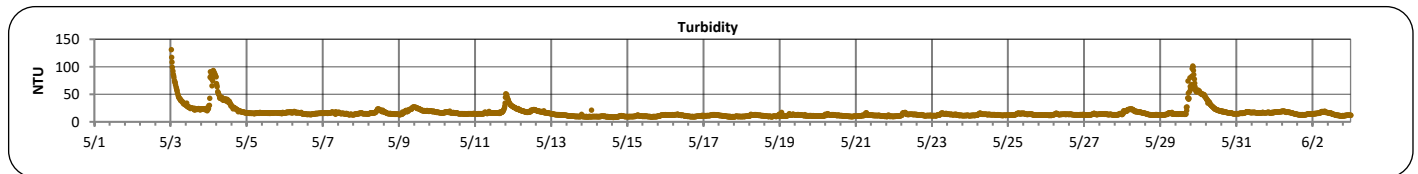
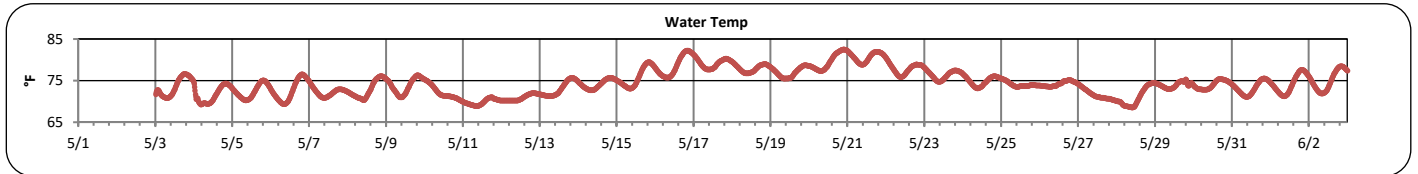
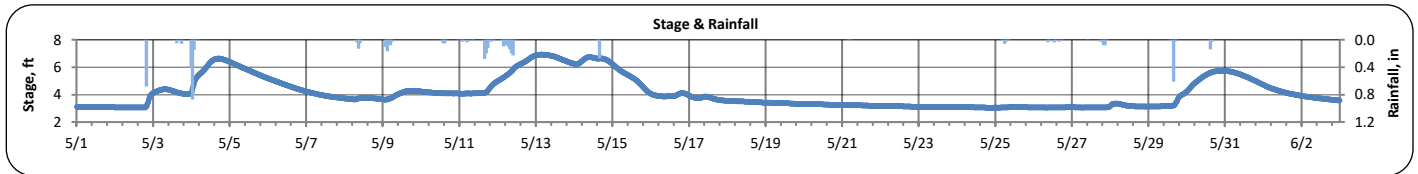
Potential Illicit Discharges and Abnormal Events:

No potential illicit discharge events visible during this monitoring period.

## Continuous Water Quality Monitoring Periodic Report

Gills Creek C (May 1, 2025 - June 3, 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):	3.1	6.9	3.8	4.1	1.1
LOCATION:	Bluff Road bridge	TEMPERATURE (°F):	69	82	74	74	3
ADDRESS:	3009 Bluff Rd. Columbia, SC 29209	TURBIDITY (NTU):	8	131	14	17	11
COORDINATES:	33.948043, -80.9889	pH:	5.9	6.3	6.2	6.2	0.1
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	SPECIFIC CONDUCTIVITY (mS/cm):	0.041	0.070	0.059	0.059	0.005
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.6	7.8	6.4	6.4	0.5
APPROX. DRAINAGE AREA:	64 square miles						
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	15						
MAX. DAILY RAINFALL:	0.94 inches						
TOTAL RAINFALL (FOR PERIOD):	6.4 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 (May 1, 2025 - June 3, 2025)**

**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:** Four wet weather samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2		Sample 3		Sample 4	
	5/12/2025		5/12/2025		5/12/2025		5/12/2025	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:30	976	10:45	634	11:45	1920	13:10	1,040
Total Suspended Solids (mg/L)	9:30	17.0	10:45	17.0	11:45	17.2	13:10	17.4
Lead (mg/L)	9:30	0.003	10:45	0.003	11:45	0.002	13:10	0.003
Hardness (mg/L)	9:30	14	10:45	14	11:45	15	13:10	15

**Notes:**

Data Gaps

Calibration period occurred on 4/29-5/2. No data gaps occurred during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

No potential illicit discharge events observed during this monitoring period.