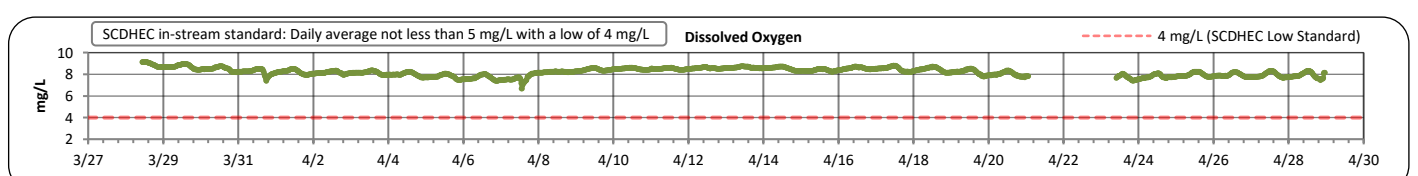
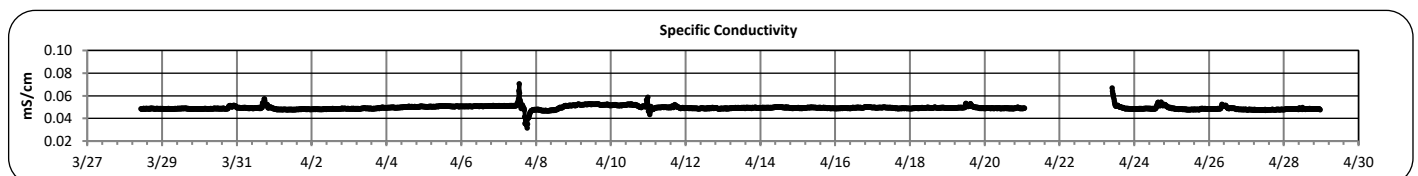
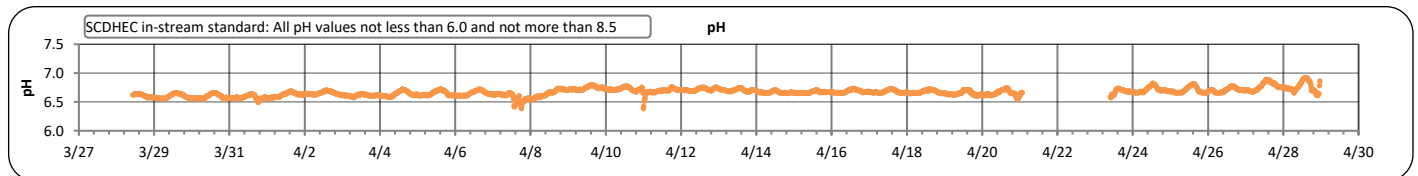
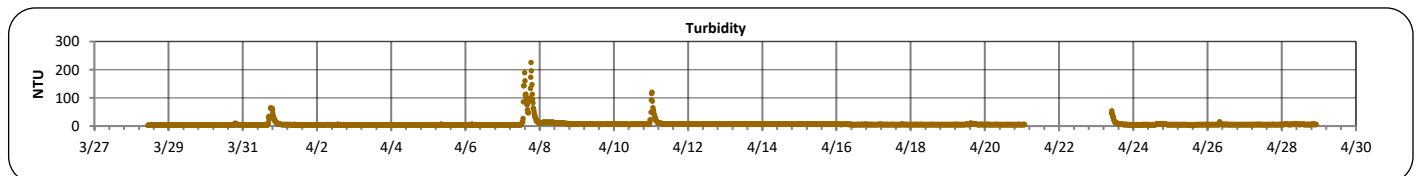
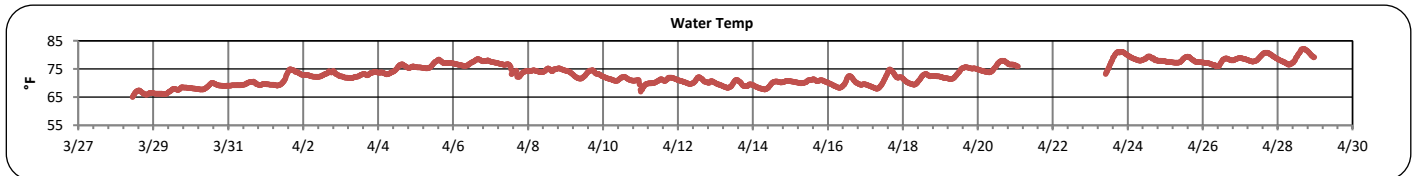
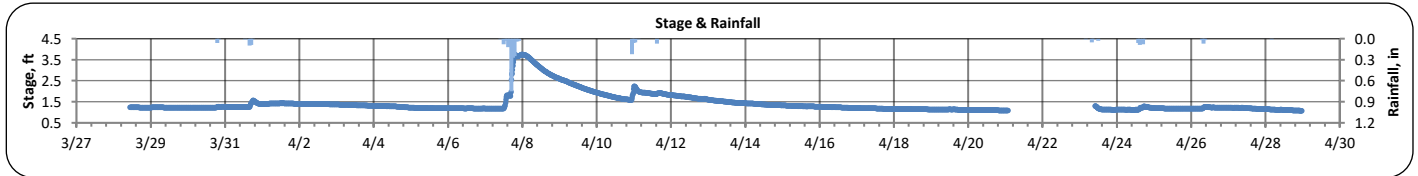




## Continuous Water Quality Monitoring Periodic Report

Gills Creek A (March 27, 2025 - April 30, 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):	1.1	3.8	1.2	1.4	0.5
LOCATION:	Forest Drive Bridge	TEMPERATURE (°F):	65	82	73	73	4
ADDRESS:	4840 Forest Drive, Columbia, SC 29206	TURBIDITY (NTU):	3	226	6	8	13
COORDINATES:	34.019826, -80.963566	pH:	6.4	6.9	6.7	6.7	0.1
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	SPECIFIC CONDUCTIVITY (mS/cm):	0.032	0.071	0.049	0.049	0.002
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	6.7	9.2	8.3	8.2	0.4
APPROX. DRAINAGE AREA:	48 square miles						
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	5						
MAX. DAILY RAINFALL:	1.7 inches						
TOTAL RAINFALL (FOR PERIOD):	2.9 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 (March 27, 2025 - April 30, 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:** Three wet weather samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2		Sample 3			
	4/7/2025		4/7/2025		4/7/2025			
	Time	Results	Time	Results	Time	Results		
<i>Escherichia coli</i> (MPN/100mL)	10:19	62	12:30	40	14:25	26,000		
Total Suspended Solids (mg/L)	10:19	3.8	12:30	N/A	14:25	288.0		
Lead (mg/L)	10:19	ND*	12:30	ND*	14:25	0.013		
Hardness (mg/L)	10:19	13	12:30	12	14:25	18		

\*Analyte not detected in amounts exceeding the minimum detection limit of 0.0001 mg/L.

**Notes:**

Data Gaps

Calibration period occurred on 3/26-3/28. Data gap in all water quality parameters from 4/21-4/23 due to partial unsubmergence.

Potential Illicit Discharges and Abnormal Events:

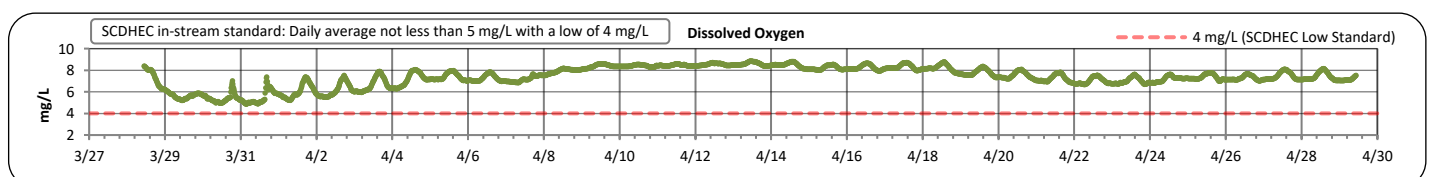
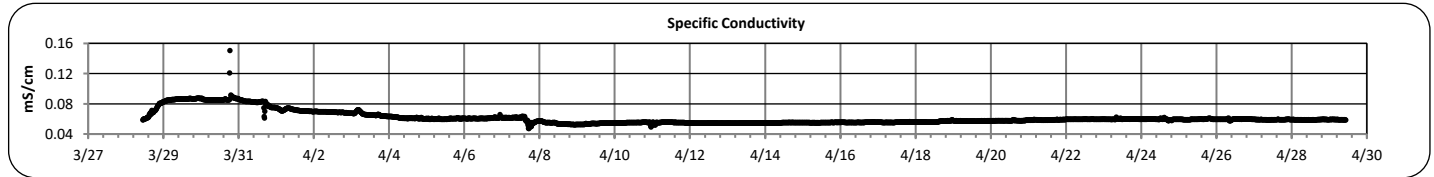
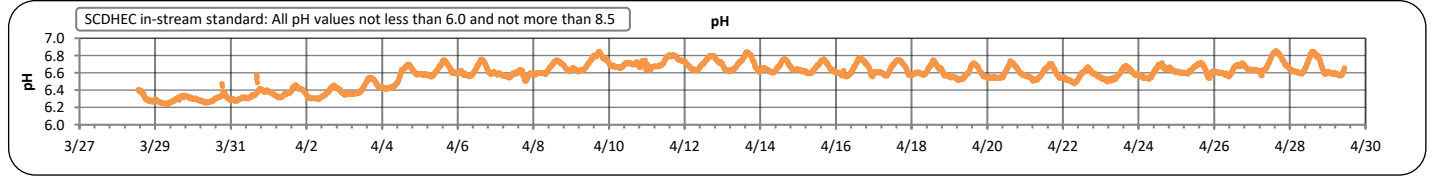
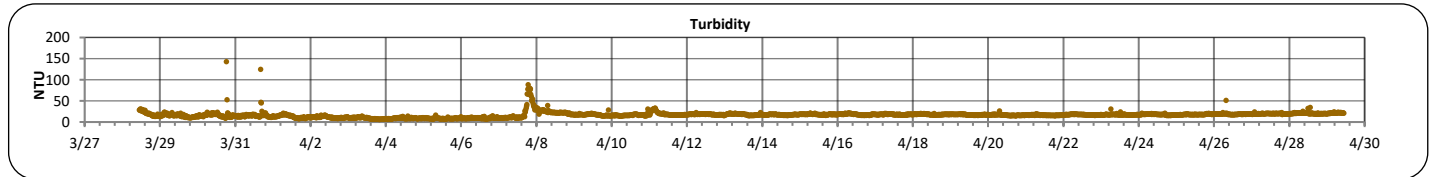
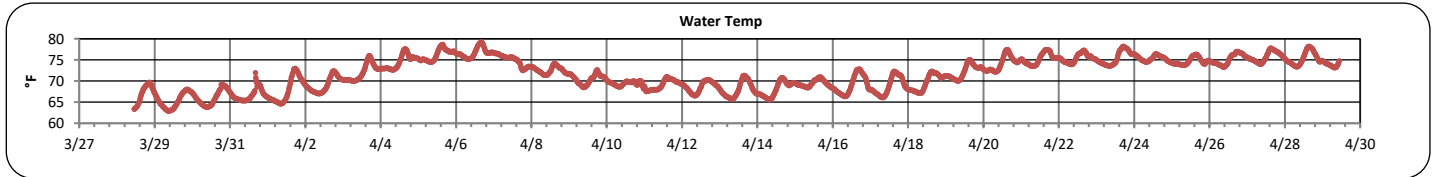
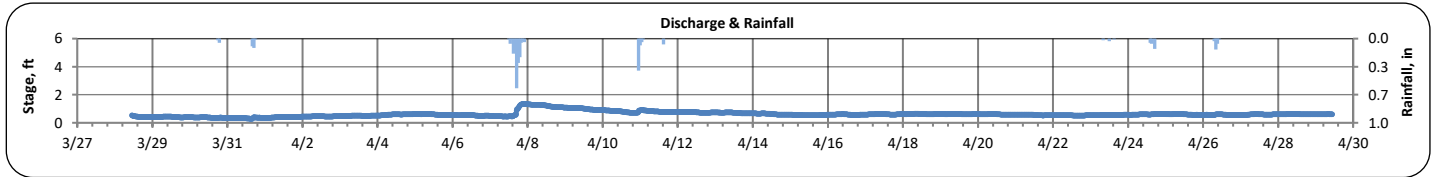
No potential illicit discharge events visible during this monitoring period.



# Continuous Water Quality Monitoring Periodic Report

Gills Creek B (March 27, 2025 - April 30, 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):	0.3	2.6	0.6	0.6	0.2
LOCATION:	Devine Street bridge	TEMPERATURE (°F):	63	79	72	72	4
ADDRESS:	4716 Devine Street Columbia, SC 29209	TURBIDITY (NTU):	7	143	18	17	7
COORDINATES:	33.989656, -80.97433	pH:	6.3	6.9	6.6	6.6	0.1
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	SPECIFIC CONDUCTIVITY (mS/cm):	0.048	0.150	0.059	0.061	0.009
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.9	8.9	7.5	7.4	0.9
APPROX. DRAINAGE AREA:	59 square miles						
SPATIAL LOCATION:	Middle site						
TOTAL NO. STORMS OVER 0.1 INCH:	5						
MAX. DAILY RAINFALL:	1.6 inches						
TOTAL RAINFALL (FOR PERIOD):	3.0 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 B (March 27, 2025 - April 30, 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:** Three wet weather samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2		Sample 3			
	4/7/2025		4/7/2025		4/7/2025			
	Time	Results	Time	Results	Time	Results		
<i>Escherichia coli</i> (MPN/100mL)	10:02	20	12:09	172	14:06	82		
Total Suspended Solids (mg/L)	10:02	16.0	12:09	12.4	14:06	14.8		
Lead (mg/L)	10:02	0.002	12:09	0.002	14:06	0.003		
Hardness (mg/L)	10:02	16	12:09	15	14:06	15		

**Notes:**

Data Gaps

Calibration period occurred on 3/26-3/28.

Potential Illicit Discharges and Abnormal Events:

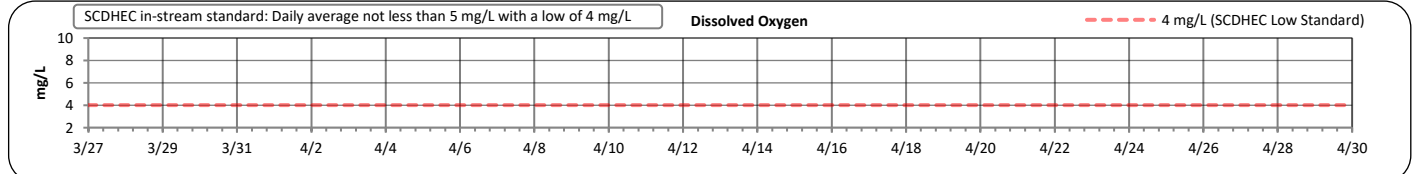
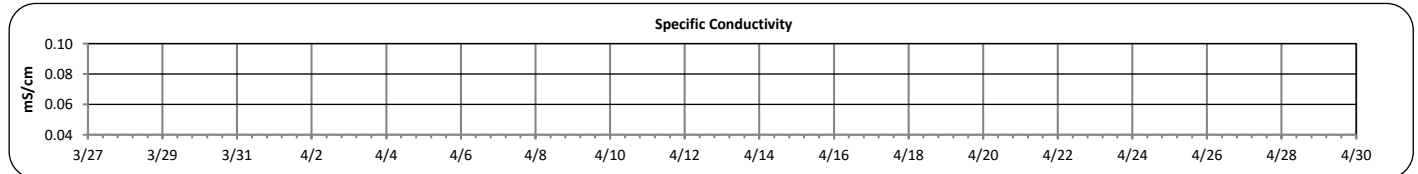
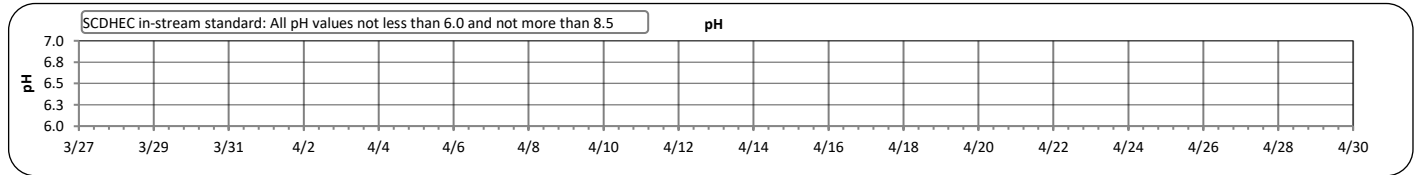
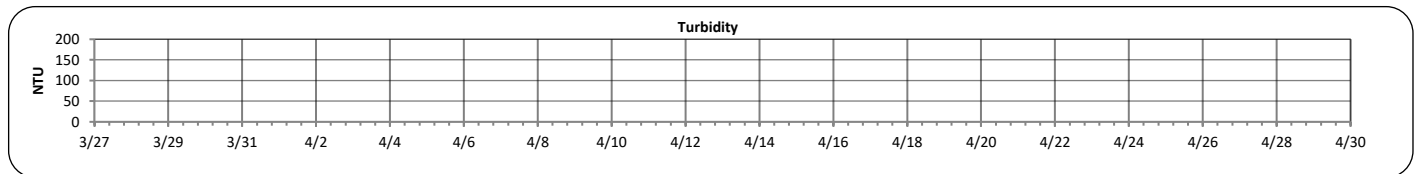
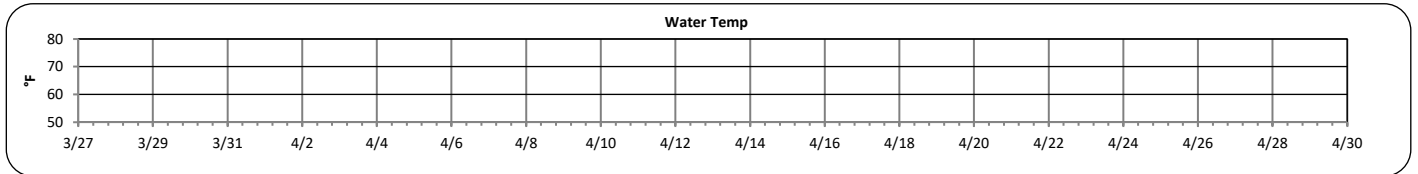
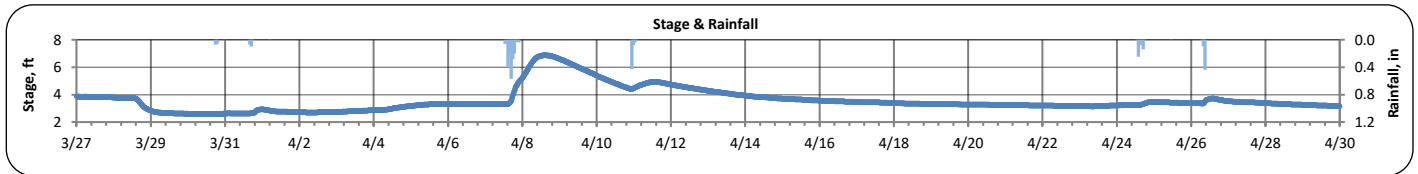
No potential illicit discharge events visible during this monitoring period.



## Continuous Water Quality Monitoring Periodic Report

Gills Creek C (March 27, 2025 - April 30, 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):	2.6	6.9	3.3	3.6	0.9
LOCATION:	Bluff Road bridge	TEMPERATURE (°F):	N/A	N/A	N/A	N/A	N/A
ADDRESS:	3009 Bluff Rd. Columbia, SC 29209	TURBIDITY (NTU):	N/A	N/A	N/A	N/A	N/A
COORDINATES:	33.948043, -80.9889	pH:	N/A	N/A	N/A	N/A	N/A
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	SPECIFIC CONDUCTIVITY (mS/cm):	N/A	N/A	N/A	N/A	N/A
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	N/A	N/A	N/A	N/A	N/A
APPROX. DRAINAGE AREA:	64 square miles						
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	6						
MAX. DAILY RAINFALL:	1.8 inches						
TOTAL RAINFALL (FOR PERIOD):	3.8 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 (March 27, 2025 - April 30, 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:** Three wet weather samples were collected during this monitoring period.

Analyte (units)	Sample 1		Sample 2		Sample 3			
	4/7/2025		4/7/2025		4/7/2025			
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:36	102	11:50	150	13:41	168		
Total Suspended Solids (mg/L)	9:36	11.0	11:50	10.1	13:41	10.3		
Lead (mg/L)	9:36	0.002	11:50	ND*	13:41	0.002		
Hardness (mg/L)	9:36	17	11:50	16	13:41	16		

\*Analyte not detected in amounts exceeding the minimum detection limit of 0.0001 mg/L.

**Notes:**

Data Gaps

Sonde not deployed during this monitoring period due to repairs.

Potential Illicit Discharges and Abnormal Events:

Unable to determine potential illicit discharges during this monitoring period.