Continuous Water Quality Monitoring Periodic Report

Gills Creek A (October 20, 2021 - November 30, 2021)

			CONTINUOUS		SUMMARY STATISTICS						
PARAMETER	DESCI	RIPTION			IAXIMUM BSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDAR DEVIATION			
STREAM NAME:	Gills	Creek	STAGE (FT):	1.5		2.3	1.6	1.7	0.2		
LOCATION:	Forest D	rive Bridge							_		
ADDRESS:		orest Drive, a, SC 29206	TEMPERATURE	(° F) : 55		72	65	65	5		
COORDINATES:	34.019826	5, -80.963566	TURBIDITY (NTU): -		_	_	-	_		
TMDL/IMPAIRMENT:	Fecal & Diss	solved Oxygen	(****	,-							
NEIGHBORING LANDUSE:	Residential a	and commercial	pH:	6.7		7.1	6.8	6.8	0.1		
APPROX. DRAINAGE AREA:	48 squ	are miles									
SPATIAL LOCATION:	Most ups	stream site	SPECIFIC								
OTAL NO. STORMS OVER 0.1 INCH:		2	CONDUCTIVITY (mS/cm):	0.042	!	0.073	0.046	0.046	0.003		
MAX. DAILY RAINFALL:	0.4 ii	nches	DISSOLVED								
OTAL RAINFALL FOR PERIOD):	0.8	inches	OXYGEN (mg/L):	7.9		10.5	8.8	9.0	0.8		
		<u> </u>	Stage &	Rainfall	· · ·			-	·		
£ 6	и.			-			r		0.0		
3									0.5		
10/20 10/22 10/24 1	0/26 10/28 10	0/30 11/1 11/3	11/5 11/7 11/9	11/11 11/13	 11/15 11/:	 17 11/19	11/21 11/23		/29 12/1		
75			Wate	r Temp							
70	W.,										
70 65 60	~~~			~~~	~~~	~~~	~~~				
70 65 60 55 50	0/26 10/28 10	0/30 11/1 11/3	11/5 11/7 11/9	11/11 11/13	11/15 11	/17 11/19	11/21 11/23	11/25 11/27 1	1/29 12/1		
70 65 60 55 50	.0/26 10/28 10	0/30 11/1 11/3	11/5 11/7 11/9	11/11 11/13	11/15 11	/17 11/19	11/21 11/23	11/25 11/27 1	1/29 12/1		
70 65 60 60 55 50 10/20 10/22 10/24 1				11/11 11/13	11/15 11	/17 11/19	11/21 11/23	11/25 11/27 1	1/29 12/1		
70 65 60 55 50 10/20 10/22 10/24 1					11/15 11	/17 11/19	11/21 11/23	11/25 11/27 1	11/29 12/1		
70 65 60 55 10/20 10/22 10/24 1					11/15 11	/17 11/19	11/21 11/23	11/25 11/27 1	11/29 12/1		
70 65 60 55 10/20 10/22 10/24 1	e to be collected du	le to a broken sensor.	Tur	bidity							
70 65 60 55 10/20 10/22 10/24 1	e to be collected du		Tur	bidity				11/25 11/27 1			
70 65 66 60 55 10/20 10/22 10/24 1	10/26 10/28	10/30 11/1 11/	3 11/5 11/7 11/5	11/11 11/13							
7.3 SCDHEC in-stream stand	10/26 10/28	10/30 11/1 11/	3 11/5 11/7 11/5	bidity							
10/20 10/22 10/24 1 10/20 10/22 10/24 1 10/20 10/22 10/24 10/20 10/22 10/24 SCDHEC in-stream stand 7.1 6.9	e to be collected du 10/26 10/28	10/30 11/1 11/	3 11/5 11/7 11/5	11/11 11/13							
70 10/20 10/22 10/24 1 Turbidity data was unable 150 10/20 10/22 10/24 1 SCDHEC in-stream stand 7.3	e to be collected du 10/26 10/28	10/30 11/1 11/	3 11/5 11/7 11/5	11/11 11/13							
10/20 10/22 10/24 1 10/20 10/22 10/24 1 10/20 10/22 10/24 1 10/20 10/22 10/24	10/26 10/28 ard: All pH values no	10/30 11/1 11/ ot less than 6.0 and no	3 11/5 11/7 11/5 t more than 8.5	11/11 11/13	11/15 1	1/17 11/19	11/21 11/23		11/29 12/1		
Turbidity data was unable 150 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20	10/26 10/28 ard: All pH values no	10/30 11/1 11/ ot less than 6.0 and no	Tur '3 11/5 11/7 11/5 t more than 8.5	11/11 11/13 pH	11/15 1	1/17 11/19	11/21 11/23	11/25 11/27	11/29 12/1		
Turbidity data was unable 150 10/20 10/22 10/24 1 Turbidity data was unable 150 10/20 10/22 10/24 10/24 10/20 10/22 10/24 10/24 10/26 10/	10/26 10/28 ard: All pH values no	10/30 11/1 11/ ot less than 6.0 and no	Tur '3 11/5 11/7 11/5 t more than 8.5	11/11 11/13	11/15 1	1/17 11/19	11/21 11/23	11/25 11/27	11/29 12/1		
7.3 SCDHEC in-stream stand 7.3 7.1 6.9 6.7 6.5 10/20 10/22 10/24 1	10/26 10/28 ard: All pH values no	10/30 11/1 11/ ot less than 6.0 and no	Tur '3 11/5 11/7 11/5 t more than 8.5	11/11 11/13 pH	11/15 1	1/17 11/19	11/21 11/23	11/25 11/27	11/29 12/1		
70 10/20 10/22 10/24 1 1 200 10/20 10/22 10/24 1 1 10/20 10/20 10/22 10/24 1 1 10/20 10/20 10/22 10/24 1 1 10/20 10/22 10/24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10/26 10/28 ard: All pH values no	10/30 11/1 11/ ot less than 6.0 and no	Tur '3 11/5 11/7 11/5 t more than 8.5	11/11 11/13 pH	11/15 1	1/17 11/19	11/21 11/23	11/25 11/27	11/29 12/1		
Turbidity data was unable 150	10/26 10/28 ard: All pH values no	10/30 11/1 11/3 ot less than 6.0 and no	Tur 3 11/5 11/7 11/5 t more than 8.5 11/5 11/7 11/9	11/11 11/13 1 DH 11/11 11/13 1	11/15 1	7 11/19 1	11/21 11/23	11/25 11/27	111/29 12/1		
7.3 10/20 10/22 10/24 1 200 10/20 10/22 10/24 1 200 150 10/20 10/22 10/24 1 SCDHEC in-stream stand 7.3 7.1 6.9 6.7 6.5 10/20 10/22 10/24 1	10/26 10/28 ard: All pH values no	10/30 11/1 11/3 ot less than 6.0 and no	Tur 3 11/5 11/7 11/5 t more than 8.5 11/5 11/7 11/9	11/11 11/13 1 DH 11/11 11/13 1	11/15 1	7 11/19 1	11/21 11/23	11/25 11/27	111/29 12/1		
Turbidity data was unable 150 10/20 10/22 10/24 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20	10/26 10/28 10/26 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/26 10/28 10/28 10/26 10/26 10/28 10/26 10/28 10/26 10/28 10/26 10/26 10/28 10/26 10/26 10/28 10/26	10/30 11/1 11/3 ot less than 6.0 and no	Turing 11/5 11/7 11/9 t more than 8.5 11/5 11/7 11/9 Specific 11/7 11/9	11/11 11/13 1 DH 11/11 11/13 1	11/15 1	7 11/19 1	11/21 11/23	11/25 11/27	11/29 12/1		
Turbidity data was unable 150 10/20 10/22 10/24 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20 10/20 10/22 10/24 10/20	10/26 10/28 10/26 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/26 10/28 10/28 10/26 10/26 10/28 10/26 10/28 10/26 10/28 10/26 10/26 10/28 10/26 10/26 10/28 10/26	10/30 11/1 11/3 ot less than 6.0 and no	Turing 11/5 11/7 11/9 t more than 8.5 11/5 11/7 11/9 Specific 11/7 11/9	11/11 11/13 1 11/11 11/13 1 11/11 11/13 1	11/15 1	7 11/19 1	11/21 11/23	11/25 11/27	11/29 12/1		
7.3 7.3 7.1 10/20 10/22 10/24 1 Turbidity data was unable 150 150 10/20 10/22 10/24 1 SCDHEC in-stream stand 12 10/24 1	10/26 10/28 10/26 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/28 10/26 10/28 10/26 10/28 10/28 10/26 10/26 10/28 10/26 10/28 10/26 10/28 10/26 10/26 10/28 10/26 10/26 10/28 10/26	10/30 11/1 11/3 ot less than 6.0 and no	Turing 11/5 11/7 11/9 t more than 8.5 11/5 11/7 11/9 Specific 11/7 11/9	11/11 11/13 1 11/11 11/13 1 11/11 11/13 1	11/15 1	7 11/19 1	11/21 11/23	11/25 11/27	11/29 12/1		

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 (October 20, 2021 - November 30, 2021)

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: No grab samples were collected during this monitoring period.

	Sample 1		Sample 2		Sample 3		Sample 4	
Analyte (units)								
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli								
(MPN/100mL)								
Total Suspended								
Solids (mg/L)								
Total Phosphorus								
(mg/L)								
Total Nitrogen								
(mg/L)								

Notes:

Data Gaps

Turbidity data was not collected at GILA during this monitoring period due to a broken sensor.

Potential Illicit Discharges and Abnormal Events:

The specific conductivity increased on October 28th and November 19th and 22nd, which may have been the result of illicit discharges.

Continuous Water Quality Monitoring Periodic Report

Gills Creek B (October 20, 2021 - November 30, 2021)

		CONTINUOUS	SUMMARY STATISTICS					
PARAMETER	DESCRIPTION	WATER QUALITY PARAMETERS:	MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION	
STREAM NAME:	Gills Creek	DISCHARGE (CFS):	17.6	62.6	21.3	25.0	8.9	
LOCATION:	Devine Street bridge	TEMPERATURE					_	
ADDRESS:	4716 Devine Street Columbia, SC 29209	(°F):	48	76	59	59	6	
COORDINATES:	33.989656, -80.97433	TURBIDITY (NTU):	5	254	11	15	14	
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	TORBIDITT (NTO).	J	254	11	13	14	
NEIGHBORING LANDUSE:	Residential and commercial	pH:	6.2	6.8	6.4	6.4	0.1	
APPROX. DRAINAGE AREA:	59 square miles	P	0.2	0.0	0.1	0.1	0.1	
SPATIAL LOCATION:	Middle site	SPECIFIC CONDUCTIVITY	0.046	0.000	0.000	0.004	0.000	
TOTAL NO. STORMS OVER 0.1 INCH:	3	(mS/cm):	0.046	0.092	0.062	0.061	0.006	
MAX. DAILY RAINFALL:	0.5 inches	DISSOLVED	7.0	40.2	0.0	0.0	0.7	
TOTAL RAINFALL (FOR PERIOD):	1.1 inches	OXYGEN (mg/L):	7.0	10.3	9.0	8.9	0.7	
	USGS 02169570 Gills Creek station.	Discharge & Rai	nfall					
\$ 150	4.				r		0.0	
\$ 200 \$ 100 \$ 100 \$ 0							0.2 i. i. i. 0.6	
10/20 10/22 10/24 10/26	10/28 10/30 11/1 11/3 11	/5 11/7 11/9 11/11	11/13 11/15	11/17 11/19	11/21 11/23 1	1/25 11/27 11/	····+ 0.8	
		Water Temp						
80 70 60 50 40 10/20 10/22 10/24 10/26	10/28 10/30 11/1 11/3 1	1/5 11/7 11/9 11/11	1 11/13 11/15	11/17 11/19	11/21 11/23	11/25 11/27 11	/29 12/1	
200		Turbidity						
200 200 100 100 100 100 100 100 100 100	: !							
10/20 10/22 10/24 10/2	6 10/28 10/30 11/1 11/3	11/5 11/7 11/9 11/1	11 11/13 11/1	5 11/17 11/19	11/21 11/23	11/25 11/27 11	./29 12/1	
SCDHEC in-stream standard: All I	pH values not less than 6.0 and not more t	han 8.5 pH						
7.0 6.8 E 6.4 6.2 6.0 10/20 10/22 10/24 10/26	· · · · · · · · · · · · · · · · · · ·		1 11/13 11/15	5 11/17 11/19	11/21 11/23	11/25 11/27 1	1/29 12/1	
		Specific Condu	ctivity					
0.10 E 0.08								
0.08 0.06 0.04				-				
10/20 10/22 10/24 10/26	5 10/28 10/30 11/1 11/3	11/5 11/7 11/9 11/1	11/13 11/1	5 11/17 11/19	11/21 11/23	11/25 11/27 1	1/29 12/1	
SCDHEC in-stream standard:	Daily average not less than 5 mg/L with a l	ow of 4 mg/L Dissolved O	xygen			4 mg/L (SCDHEC	Low Standard)	
14 12 10 10 8 8	~~~~	~~~~~	~~~	~~~	~~~	^~~		
E 6 4 2								
10/20 10/22 10/24 10/26	5 10/28 10/30 11/1 11/3	11/5 11/7 11/9 11/	/11 11/13 11/	15 11/17 11/19	9 11/21 11/23	11/25 11/27	11/29 12/1	

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 (October 20, 2021 - November 30, 2021)

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:

	Sample 1		Sample 2		Sample 3		Sample 4	
Analyte (units)	10/20	/2021	11/22	/2021				
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli (MPN/100mL)	9:10	170	12:12	1,710				
Total Suspended Solids (mg/L)	9:05	12.2	12:10	5.3				
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Sample 1 was collected during dry weather conditions. Sample 2 was collected during wet weather conditions.

Notes:

Data Gaps

There were gaps in turbidity at GILB during this monitoring period from November 26th to November 29th.

Potential Illicit Discharges and Abnormal Events:

The specific conductivity increased on October 26th and 28th and November 12th, 16th, 17th, and 22nd, which may have been the result of illicit discharges.

Continuous Water Quality Monitoring Periodic Report

Gills Creek C (October 20, 2021 - November 30, 2021)

NEIGHBORING LANDUSE: APPROX. DRAINAGE AREA: SPATIAL LOCATION: TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: TOTAL RAINFALL (FOR PERIOD):	Gills Creek Bluff Road bridge 3009 Bluff Rd. Columbia, SC 29209 33.948043, -80.9889 Fecal & Dissolved Oxygen tesidential and commercial 64 square miles Most downstream site 5 0.48 inches 1.1 inches	CONTINUOUS WATER QUALITY PARAMETERS: STAGE (FT): TEMPERATURE (°F): TURBIDITY (NTU): pH: SPECIFIC CONDUCTIVITY (mS/cm):	## MINIMUM OBSERVED 2.7 51 - 6.7	3.8 72 - 7.1	2.8 58 - 6.9	3.0 60 - 6.9	STANDARD DEVIATION 0.2 6
LOCATION: ADDRESS: COORDINATES: TMDL/IMPAIRMENT: Fe NEIGHBORING LANDUSE: APPROX. DRAINAGE AREA: SPATIAL LOCATION: TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: TOTAL RAINFALL (FOR PERIOD):	Bluff Road bridge 3009 Bluff Rd. Columbia, SC 29209 33.948043, -80.9889 Fecal & Dissolved Oxygen desidential and commercial 64 square miles Most downstream site 5 0.48 inches	TEMPERATURE (°F): TURBIDITY (NTU): pH: SPECIFIC CONDUCTIVITY	51 - 6.7	72 -	-	-	-
ADDRESS: COORDINATES: TMDL/IMPAIRMENT: Fe NEIGHBORING LANDUSE: APPROX. DRAINAGE AREA: SPATIAL LOCATION: TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: TOTAL RAINFALL (FOR PERIOD):	3009 Bluff Rd. Columbia, SC 29209 33.948043, -80.9889 Fecal & Dissolved Oxygen tesidential and commercial 64 square miles Most downstream site 5 0.48 inches	TURBIDITY (NTU): pH: SPECIFIC CONDUCTIVITY	6.7	-	-	-	-
COORDINATES: TMDL/IMPAIRMENT: Fe NEIGHBORING LANDUSE: APPROX. DRAINAGE AREA: SPATIAL LOCATION: TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: TOTAL RAINFALL (FOR PERIOD):	Columbia, SC 29209 33.948043, -80.9889 Fecal & Dissolved Oxygen tesidential and commercial 64 square miles Most downstream site 5 0.48 inches	TURBIDITY (NTU): pH: SPECIFIC CONDUCTIVITY	6.7	-	-	-	-
TMDL/IMPAIRMENT: Fe NEIGHBORING LANDUSE: APPROX. DRAINAGE AREA: SPATIAL LOCATION: TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: TOTAL RAINFALL (FOR PERIOD):	33.948043, -80.9889 Fecal & Dissolved Oxygen desidential and commercial 64 square miles Most downstream site 5 0.48 inches	pH: SPECIFIC CONDUCTIVITY	6.7		6.9		
NEIGHBORING LANDUSE: APPROX. DRAINAGE AREA: SPATIAL LOCATION: TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: TOTAL RAINFALL (FOR PERIOD):	desidential and commercial 64 square miles Most downstream site 5 0.48 inches	pH: SPECIFIC CONDUCTIVITY	6.7		6.9		
LANDUSE: APPROX. DRAINAGE AREA: SPATIAL LOCATION: TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: TOTAL RAINFALL (FOR PERIOD):	64 square miles Most downstream site 5 0.48 inches	SPECIFIC CONDUCTIVITY		7.1	6.9	6.9	0.1
APPROX. DRAINAGE AREA: SPATIAL LOCATION: TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: TOTAL RAINFALL (FOR PERIOD): 12 28 38 4 0 10/20 10/22 10/24 10/26	Most downstream site 5 0.48 inches	SPECIFIC CONDUCTIVITY		7.1	6.9	6.9	∩ 1
TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: TOTAL RAINFALL (FOR PERIOD): 12 12 8 9 10/20 10/22 10/24 10/26	5 0.48 inches	CONDUCTIVITY	0.042				U. I
OVER 0.1 INCH: MAX. DAILY RAINFALL: TOTAL RAINFALL (FOR PERIOD): 12 12 18 10/20 10/22 10/24 10/26	0.48 inches		0.042				
TOTAL RAINFALL (FOR PERIOD):				0.073	0.046	0.046	0.003
PERIOD): 12 88 80 4 0 10/20 10/22 10/24 10/26	1.1 inches	DISSOLVED					
# 8	i	OXYGEN (mg/L):	7.9	10.8	9.7	9.5	0.7
# 8 0 10/20 10/22 10/24 10/26		Stage & Rainfa	all				0.0
10/20 10/22 10/24 10/26	11.				,		0.3 <u></u> 0.6 jig
75 70 65	10/28 10/30 11/1 11/3	11/5 11/7 11/9 11/: Water Temp	11 11/13 11/15 p	11/17 11/19	11/21 11/23 1	1/25 11/27 11/	/29 12/1
10/20 10/22 10/24 10/26	5 10/28 10/30 11/1 11/3	11/5 11/7 11/9 11/	/11 11/13 11/19	5 11/17 11/19	11/21 11/23	11/25 11/27 11	1/29 12/1
Turbidity data was unable to b	be collected due to a broken sensor.	Turbidity					
75 50 25 10/20 10/22 10/24 10/26	26 10/28 10/30 11/1 11/3	11/5 11/7 11/9 1:	1/11 11/13 11/1	15 11/17 11/19	11/21 11/23	11/25 11/27 1	1/29 12/1
7.3 7.1 6.9 6.7 6.5	NI pH values not less than 6.0 and not mi		/11 11/13 11/1	5 11/17 11/19	11/21 11/23	11/25 11/27 1	1/29 12/1
0.08		Specific Cond	uctivity				
8 0.06 0.04 0.02							
10/20 10/22 10/24 10/26			1/11 11/13 11/2	11/1/ 11/19			
SCDHEC in-stream standard: Da 14 12 10 8 8 4 10/20 10/22 10/24 10/26	Daily average not less than 5 mg/L with a	a low of 4 mg/L Dissolve	ed Oxygen	~~~~		- 4 mg/L (SCDHEC Lo	w Standard)

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 (October 20, 2021 - November 30, 2021)

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:

	Sam	ple 1	Sample 2		Sample 3		Sample 4	
Analyte (units)	10/20	/2021	11/22	/2021				
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli (MPN/100mL)	9:35	150	12:52	172				
Total Suspended Solids (mg/L)	9:30	10.7	12:50	3.9				
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Sample 1 was collected during dry weather conditions. Sample 2 was collected during wet weather conditions.

Notes:

Data Gaps

Turbidity data was not collected at GILC during this monitoring period due to a broken sensor.

Potential Illicit Discharges and Abnormal Events:

The specific conductivity increased on October 28th and November 18th and 22nd, which may have been the result of illicit discharges.