# Continuous Water Quality Monitoring Periodic Report

## Gills Creek A (March 29, 2023 - May 2, 2023)

PARAMETER DESCRIPTION  STREAM NAME: Gills Creek		DESCRIPTION					CONTINUOUS WATER QUALITY PARAMETERS:		SUMMARY STATISTICS											
		DESCRIPTION			MINII	-				IMUM ERVED		/IEDIAN			AN RVED		STAN DEVIA			
			STAGE (FT):		1.	.8	4	.4		2.2		2	3		0.	.5				
LOCATION:		Forest Drive Bridge												$\neg$			1			
ADDRESS:		4840 Forest Drive, Columbia, SC 29206		TEI	MPERAT	URE (°F):	6	1	7	75		69		6	88		4	4		
COORDINATES	S:	34.01	9826,	-80.963	566	TUI	TURBIDITY (NTU):		4	1	165		6			8			8	
MDL/IMPAIRM	MENT:	Fecal 8	& Disso	olved Ox	xygen															
NEIGHBORING LANDUSE:		Residen	ntial an	nd comm	nercial	pH:			6.	4	F	5.9		6.7		6	i.7		0.1	
IPPROX. DRAI IREA:	INAGE	48	3 squa	re miles	;															
OTAL NO. ST		Mos	-	ream si	te	СО	ECIFIC NDUCTI	VITY	0.0	032	0.	074		0.043		0.0	043		0.0	002
OVER 0.1 INCH						(ms	S/cm):												<del>                                     </del>	
OTAL RAINFA	ALL		2.0 inc				SOLVEI YGEN (n		7.	.6	g	.9		8.7		8	.7	0.5		
FOR PERIOD):	•				<u> </u>	ļ									!_					
12				ग				Stage & Rain	fall				1		- 1		-			0.0
8 4	- '-		_		-			-						_			+		- 1	0.5
											_									1.0
3/29 3/3	31 4/2	4/4	4/6	4/	8 4/1	0 4/	12 4/	14 4/16	4/18	3 4/2	20 4,	/22 4	/24	4/26	4/2	8	4/30	5/		1.5
80 -								Water Tem	ıp										_	7
70				~				Water Tem	пр	^	~~		~~		~					]
		<u>۔</u>		~~	<b>~</b>	~~	· · ·	Water Tem	np	~~ <u>^</u>	<b>~~</b>		<b>-</b>		~		-	W->		
70	31 4/2	4/4	4/6	4,	/8 4/2	10 4	/12 4	Water Tem //14 4/1		18 4/	/20	1/22	4/24	4/26	5 4,	/28	4/30		5/2	
70 60 50 3/29 3/3	31 4/2	4/4	4/6	5 4,	/8 4/:	10 4	/12 4	/14 4/1	6 4/2	18 4,	/20	1/22	4/24	4/26	5 4,	/28	4/30		5/2	]
70 60 50 3/29 3/39 3/3	31 4/2	4/4	4/6	5 4,	/8 4/:	10 4,	/12 4		6 4/2	18 4,	/20	1/22	4/24	4/26	5 4,	/28	4/30		5/2	
70 60 50 3/29 3/29 3/3	31 4/2	4/4	4/6	5 4/	/8 4/:	110 4,	/12 4	/14 4/1	6 4/2	18 4/	/20	14/22	4/24	4/26	5 4,	/28	4/30		5/2	]
70 60 50 3/29 3/39 3/3	31 4/2	4/4	4/6	5 4,	/8 4/:	10 4,	/12 4	/14 4/1	6 4/2	18 4/	//20	4/22	4/24	4/26	5 4,	/28	4/30		5/2	
70 60 50 3/29 3/3 200 150 50 50	31 4/2							Turbidity	6 4/:		1/20	4/22	4/24	4/26		/28	4/30		5/2	
70 60 50 3/29 3/29 3/3 3/29 3/29		2 4/4	4,	/6	4/8 4	1/10	4/12	Turbidity	6 4/:											
200 3/29 3/3 200 150 100 50 3/29	3/31 4/2	2 4/4	4,	/6	4/8 4	1/10	4/12	Turbidity 4/14 4/14 4/14 4/14 4/14	6 4/:											
200 3/29 3/3 200 150 100 50 3/29	3/31 4/2	2 4/4	4,	/6	4/8 4	1/10	4/12	Turbidity 4/14 4/14 4/14 4/14 4/14	6 4/:											
200 3/29 3/3 200 150 0 3/29 SCDHEC in 7.2 7.0 6.8 6.6	3/31 4/:	2 4/4	4,	/6	4/8 4 6.0 and no	1/10 t more that	4/12 n 8.5	Turbidity 4/14 4/14 4/14 4/14 4/14	6 4/3	/18	4/20				6 4			)		
200 3/29 3/3 200 150 50 3/29 3/3 SCDHEC in 7.2 7.0 6.8 6.6 6.4 6.4 6.2	3/31 4/:	2 4/4 ard: All pH va	4,	/6	4/8 4 6.0 and no	1/10 t more that	4/12 n 8.5	Turbidity 4/14 4/1	6 4/3	/18	4/20	4/22	4/24	4/2	6 4	1/28	4/30	)	5/2	
200 3/29 3/3 200 150 50 3/29 3/3 SCDHEC in 7.2 6.8 6.6 6.4 6.4 6.4 6.4 6.4 6.4 6.4	3/31 4/:	2 4/4 ard: All pH va	4,	/6	4/8 4 6.0 and no	1/10 t more that	4/12 n 8.5	Turbidity 4/14 4/1  pH	6 4/3	/18	4/20	4/22	4/24	4/2	6 4	1/28	4/30	)	5/2	
200 3/29 3/3 200 150 50 3/29 3/3 SCDHEC in 7.2 7.0 6.8 6.6 6.4 6.4 6.2 3/29 3/3	3/31 4/:	2 4/4 ard: All pH va	4,	/6	4/8 4 6.0 and no	1/10 t more that	4/12 n 8.5	Turbidity 4/14 4/1  pH	6 4/3	/18	4/20	4/22	4/24	4/2	6 4	1/28	4/30	)	5/2	
70 60 50 3/29 3/29 3/3 200 150 100 50 0 3/29 3/29 3/3 5CDHEC in 7.2 7.0 6.8 6.6 6.6 6.4 6.2 3/29 3/29	3/31 4/:	2 4/4 ard: All pH va	4,	/6	4/8 4 6.0 and no	1/10 t more that	4/12 n 8.5	Turbidity 4/14 4/1  pH	6 4/3	/18	4/20	4/22	4/24	4/2	6 4	1/28	4/30	)	5/2	
200 3/29 3/3 200 150 0 3/29 3/3 5CDHEC in 7.2 6.8 6.6 6.4 6.2 3/29 3/3	3/31 4/:	2 4/4 ard: All pH va	4,	t less than	4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8	t more that	n 8.5	714 4/1  Turbidity 4/14 4/1  pH  Specific Cone	6 4/2	18 4	4/20	4/22	4/24	4/2	66 4	1/28	4/30	0)	5/2	
70 60 50 3/29 3/29 3/29 3/29 5CDHEC in 7.2 7.0 6.8 6.6 6.4 6.4 6.2 3/29 3/29 3/29	3/31 4/3	2 4/4 ard: All pH va	4/6	/6 t less than	4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8	1/10 t more that	14/12 n 8.5 //12 4	714 4/1  Turbidity 4/14 4/1  Specific Cont	6 4/2	18 4	//20	4/22	4/24	4/2	66 4	1/28	4/30	0	5/2	d)
70 60 50 3/29 3/29 3/29 3/29 3/29 3/29 3/29 3/29	3/31 4/2 31 4/2	2 4/4 ard: All pH va	4/6	/6 t less than	4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8	1/10 t more that	14/12 n 8.5 //12 4	714 4/1  Turbidity 4/14 4/1  Specific Cont	6 4/: 16 4, ductivity	18 4	//20	4/22	4/24	4/2	66 4	1/28	4/30	0	5/2	d)
70 60 50 3/29 3/29 3/29 3/29 5CDHEC in 7.2 7.0 6.8 6.8 6.4 6.4 6.2 3/29 3/29 3/29	3/31 4/2 31 4/2	2 4/4 ard: All pH va	4/6	/6 t less than	4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8 4/8	1/10 t more that	14/12 n 8.5 //12 4	714 4/1  Turbidity 4/14 4/1  Specific Cont	6 4/: 16 4, ductivity	18 4	//20	4/22	4/24	4/2	66 4	1/28	4/30	0	5/2	d)

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 29, 2023 - May 2, 2023)

## **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 samples were collected at GilA during this monitoring period.

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

There were no data gaps at the GILA station during this monitoring period.

#### Potential Illicit Discharges and Abnormal Events:

Specific conductivity and turbidity increased on April 6th, which may have been the result of a potential illicit discharge.

## Continuous Water Quality Monitoring Periodic Report

Gills Creek B (March 29, 2023 - May 2, 2023)

		CONTINUOUS	SUMMARY STATISTICS						
PARAMETER	DESCRIPTION	WATER QUALITY PARAMETERS:	MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARE DEVIATION		
STREAM NAME:	Gills Creek	DISCHARGE (CFS):	27.9	672.0	65.6	98.5	102.1		
LOCATION:	Devine Street bridge	TEMPERATURE	00	70	00	00			
ADDRESS:	4716 Devine Street Columbia, SC 29209	(°F):	60	76	69	69	4		
COORDINATES:	33.989656, -80.97433	TURBIDITY (NTU):	8	115	11	13	7		
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	TOKBIBITT (NTO).	Ů	113	11	13	, '		
NEIGHBORING LANDUSE:	Residential and commercial	pH:	6.3	6.8	6.6	6.5	0.1		
APPROX. DRAINAGE AREA:	59 square miles	pri.	0.3	0.0	0.0	0.5	0.1		
SPATIAL LOCATION:	Middle site	SPECIFIC							
TOTAL NO. STORMS OVER 0.1 INCH:	6	CONDUCTIVITY (mS/cm):	0.041	0.062	0.051	0.050	0.002		
MAX. DAILY RAINFALL:	2.0 inches	DISSOLVED							
TOTAL RAINFALL (FOR PERIOD):	5.0 inches	OXYGEN (mg/L):	7.1	9.8	8.2	8.3	0.7		
	e USGS 02169570 Gills Creek station.	Distance 2.2	l mfall	<u>I</u>	ļ	!	<u>.                                    </u>		
1600 £1200	e 0303 02103370 Uiiis Creek station.	Discharge & Rai	ntali				0.0		
800 9800 400 400 400 400 400 400 400 400 400							1.0		
0						<b></b>	1.5		
		Water Temp							
80		•							
			- A A	~~~					
70 60		^~~~	~~~	~~~	~~~		^		
70 60 50		A122 A145 A145	4/40 4/4	~~~		1/20 1/20	5/2		
70 60 50	4/4 4/6 4/8 4/10	4/12 4/14 4/16	4/18 4/2	0 4/22 4,	/24 4/26	4/28 4/30	5/2		
70 60 50 3/29 3/31 4/2	4/4 4/6 4/8 4/10	4/12 4/14 4/16  Turbidity	4/18 4/2	0 4/22 4,	/24 4/26	4/28 4/30	5/2		
70 60 50 3/29 3/31 4/2	4/4 4/6 4/8 4/10		4/18 4/2	0 4/22 4,	1/24 4/26	4/28 4/30	5/2		
P 100 50 50 50 50 50 50 50 50 50 50 50 50 5	4/4 4/6 4/8 4/10		4/18 4/2	0 4/22 4,	/24 4/26	4/28 4/30	5/2		
70 60 50 3/29 3/31 4/2	4/4 4/6 4/8 4/10				1/24 4/26	4/28 4/30	5/2		
200 3/29 3/31 4/2 200 150 0 3/29 3/31 4/2 SCDHEC in-stream standard: All	i i i i i i i i i i i i i i i i i i i	Turbidity 4/12 4/14 4/16							
200 3/29 3/31 4/2 200 150 100 50 3/29 3/31 4/2 SCDHEC in-stream standard: All 7.3 7.0	4/4 4/6 4/8 4/10	Turbidity 4/12 4/14 4/16							
200 150 100 3/29 3/31 4/2 200 150 3/29 3/31 4/2 SCDHEC in-stream standard: All 7.3 7.0 6.4	4/4 4/6 4/8 4/10	Turbidity 4/12 4/14 4/16							
200 150 150 150 3/29 3/31 4/2 SCDHEC in-stream standard: All 7.3 7.3 6.4 6.4 6.4 6.5 5.8	4/4 4/6 4/8 4/10  pH values not less than 6.0 and not more	Turbidity 4/12 4/14 4/16	4/18 4/	20 4/22 4	1/24 4/26	4/28 4/30	5/2		
200 3/29 3/31 4/2 200 150 150 3/29 3/31 4/2 SCDHEC in-stream standard: All 7.3 6.7 6.7 6.4 6.4 6.4 6.5	4/4 4/6 4/8 4/10	Turbidity 4/12 4/14 4/16		20 4/22 4					
200 50 3/29 3/31 4/2 200 150 100 50 3/29 3/31 4/2 SCDHEC in-stream standard: All 7.3 7.0 6.7 6.7 6.4 6.1 5.8 3/29 3/31 4/2	4/4 4/6 4/8 4/10  pH values not less than 6.0 and not more	Turbidity 4/12 4/14 4/16	4/18 4/2	20 4/22 4	1/24 4/26	4/28 4/30	5/2		
200 50 3/29 3/31 4/2 200 150 150 3/29 3/31 4/2 SCDHEC in-stream standard: All 7.3 7.0 6.7 6.7 6.4 6.1 5.8 3/29 3/31 4/2	4/4 4/6 4/8 4/10  pH values not less than 6.0 and not more	Turbidity  4/12 4/14 4/16  than 8.5 pH	4/18 4/2	20 4/22 4	1/24 4/26	4/28 4/30	5/2		
200 50 3/29 3/31 4/2 200 150 150 3/29 3/31 4/2 SCDHEC in-stream standard: All 7.3 7.0 6.7 6.7 6.4 6.1 5.8 3/29 3/31 4/2	4/4 4/6 4/8 4/10  pH values not less than 6.0 and not more	Turbidity  4/12 4/14 4/16  than 8.5 pH	4/18 4/2	20 4/22 4	1/24 4/26	4/28 4/30	5/2		
200 3/29 3/31 4/2  200 150 150 0 3/29 3/31 4/2  SCDHEC in-stream standard: All 7.3 7.0 6.7 6.7 6.7 6.4 6.1 5.8 3/29 3/31 4/2  8 3/29 3/31 4/2	pH values not less than 6.0 and not more  4/4 4/6 4/8 4/10	Turbidity  4/12 4/14 4/16  than 8.5 pH  4/12 4/14 4/16  Specific Condu	4/18 4/2 4/18 4/2 ctivity	20 4/22 4	1/24 4/26	4/28 4/30	5/2		
200 3/29 3/31 4/2  200 150 100 50 3/29 3/31 4/2  SCDHEC in-stream standard: All 7.3 7.3 6.4 6.1 5.8 3/29 3/31 4/2	4/4 4/6 4/8 4/10  pH values not less than 6.0 and not more	Turbidity  4/12 4/14 4/16  than 8.5 pH	4/18 4/2 4/18 4/2 ctivity	20 4/22 4	1/24 4/26	4/28 4/30	5/2		
200 50 3/29 3/31 4/2  200 150 100 0 3/29 3/31 4/2  SCDHEC in-stream standard: All 7.3 7.0 6.7 6.4 5.8 3/29 3/31 4/2  SCDHEC in-stream standard: All 7.3 3/29 3/31 4/2	pH values not less than 6.0 and not more  4/4 4/6 4/8 4/10	Turbidity  4/12 4/14 4/16  than 8.5 pH  4/12 4/14 4/16  Specific Condu	4/18 4/2 ctivity 4/18 4/	20 4/22 4	1/24 4/26 1/24 4/26	4/28 4/30	5/2		
200 50 3/29 3/31 4/2  200 150 150 50 3/29 3/31 4/2  SCDHEC in-stream standard: All 7.3 7.3 6.4 6.4 6.4 6.4 6.5.8 3/29 3/31 4/2  SCDHEC in-stream standard: All 5.8 3/29 3/31 4/2	4/4 4/6 4/8 4/10  pH values not less than 6.0 and not more  4/4 4/6 4/8 4/10	Turbidity  4/12 4/14 4/16  than 8.5 pH  4/12 4/14 4/16  Specific Condu	4/18 4/2 ctivity 4/18 4/	20 4/22 4	1/24 4/26 1/24 4/26	4/28 4/30	5/2		
200 50 3/29 3/31 4/2  200 150 100 50 3/29 3/31 4/2  SCDHEC in-stream standard: All 7.3 7.3 7.0 6.7 6.7 6.7 6.7 6.7 6.1 5.8 3/29 3/31 4/2  SCDHEC in-stream standard: All 7.8 3/29 3/31 4/2	4/4 4/6 4/8 4/10  pH values not less than 6.0 and not more  4/4 4/6 4/8 4/10	Turbidity  4/12 4/14 4/16  than 8.5 pH  4/12 4/14 4/16  Specific Condu	4/18 4/2 ctivity 4/18 4/	20 4/22 4	1/24 4/26 1/24 4/26	4/28 4/30	5/2		

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 29, 2023 - May 2, 2023)

## **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 samples were collected at GilB during this monitoring period.

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** 

There were no data gaps at the GILB station during this monitoring period.

#### Potential Illicit Discharges and Abnormal Events:

There were no abnormal events at the GILB station during this monitoring period.

# Continuous Water Quality Monitoring Periodic Report

Gills Creek C (March 29, 2023 - May 2, 2023)

		CONTINUOUS	SUMMARY STATISTICS						
PARAMETER	DESCRIPTION	WATER QUALITY PARAMETERS:	MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARE DEVIATION		
STREAM NAME:	Gills Creek	STAGE (FT):	3.0	9.8	3.9	4.5	1.6		
LOCATION:	Bluff Road bridge	TEMPERATURE (OF)	50	70	00	07			
ADDRESS:	3009 Bluff Rd. Columbia, SC 29209	TEMPERATURE (°F):	56	76	68	67	4		
COORDINATES:	33.948043, -80.9889	TURRIDITY (UTU)		00					
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	TURBIDITY (NTU):	6	28	8	9	3		
NEIGHBORING LANDUSE:	Residential and commercial								
APPROX. DRAINAGE AREA:	64 square miles	pH:	5.8	6.3	6.2	6.2	0.1		
SPATIAL LOCATION:	Most downstream site	SPECIFIC							
TOTAL NO. STORMS OVER 0.1 INCH:	6	CONDUCTIVITY (mS/cm):	0.044	0.083	0.056	0.055	0.004		
MAX. DAILY RAINFALL:	1.96 inches	DISSOLVED							
TOTAL RAINFALL (FOR PERIOD):	5.4 inches	OXYGEN (mg/L):	4.1	8.5	6.7	6.7	0.8		
		Stage & Rain	fall						
# 12 T	la see.	- 1					0.0		
Stage 8							0.0 0.5 1.0 1.5		
3/29 3/31 4/2	4/4 4/6 4/8 4/1	0 4/12 4/14 4/16	4/18 4/2	20 4/22 4	/24 4/26	4/28 4/30	5/2		
		Water Tem	p						
80	~~~								
				0			_		
پ 60 50									
<b>₽</b> 60	4/4 4/6 4/8 4/1	0 4/12 4/14 4/10	6 4/18 4/	/20 4/22	4/24 4/26	4/28 4/30	5/2		
\$\frac{60}{50}\$ 40 3/29 3/31 4/2	4/4 4/6 4/8 4/1		5 4/18 4/	/20 4/22	4/24 4/26	4/28 4/30	5/2		
\$\frac{60}{50}\$ \$\frac{40}{3/29}\$ \$\frac{3}{3}\$ \$\frac{150}{3}\$	4/4 4/6 4/8 4/1	0 4/12 4/14 4/10  Turbidity	5 4/18 4/	20 4/22	4/24 4/26	4/28 4/30	5/2		
£ 60 50 40 3/29 3/31 4/2			5 4/18 4/	/20 4/22	4/24 4/26				
50 40 3/29 3/31 4/2		Turbidity			4/24 4/26	4/28 4/30			
E 150 100 100 100 100 100 100 100 100 100		Turbidity //10 4/12 4/14 4/							
\$\\ \begin{align*} 60 \\ 50 \\ 40 \\ 3/29 \\ 3/31 \\ 4/2 \\ \end{align*}  \text{SCDHEC in-stream standa} \\ 6.6 \\ 6.4 \\ \end{align*}	2 4/4 4/6 4/8 4	Turbidity /10 4/12 4/14 4/							
\$ 60 \$ 50 \$ 3/29 \$ 3/31 \$ 4/2 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2 4/4 4/6 4/8 4	Turbidity /10 4/12 4/14 4/							
\$ 60 50 40 3/29 3/31 4/2  150 100 50 3/29 3/31 4/2  SCDHEC in-stream standa 6.6 6.4	2 4/4 4/6 4/8 4	Turbidity /10 4/12 4/14 4/ more than 8.5 pH	16 4/18 4	4/20 4/22					
\$ 60 \$ 50 \$ 3/29 \$ 3/31 \$ 4/2 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	erd: All pH values not less than 6.0 and not	Turbidity /10 4/12 4/14 4/ more than 8.5 pH	16 4/18 4	1/20 4/22	4/24 4/26	4/28 4/30	5/2		
\$ 60 \$ 50 \$ 3/29 \$ 3/31 \$ 4/2 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	erd: All pH values not less than 6.0 and not	Turbidity /10 4/12 4/14 4/ more than 8.5 pH	16 4/18 4 6 4/18 4	1/20 4/22	4/24 4/26	4/28 4/30	5/2		
\$\frac{60}{50}\$ \rightarrow{100}{3}/29  3/31  4/2  \text{150}{3/29  3/31  4/2}  \$\frac{150}{3/29  3/31  4/2}  \$\frac{6.6}{6.4}\$ \text{6.2} \text{6.0} \frac{6.2}{5.6}\$  5.6  3/29  3/31  4/2	erd: All pH values not less than 6.0 and not	Turbidity /10 4/12 4/14 4/ more than 8.5 pH	16 4/18 4 6 4/18 4	1/20 4/22	4/24 4/26	4/28 4/30	5/2		
SCDHEC in-stream standa 6.6 6.4 6.2 6.0 5.8 5.6 3/29 3/31 4/2	erd: All pH values not less than 6.0 and not	Turbidity /10 4/12 4/14 4/ more than 8.5 pH	16 4/18 4 6 4/18 4	1/20 4/22	4/24 4/26	4/28 4/30	5/2		
\$\frac{60}{50}\$ \rightarrow{100}{3}/29  3/31  4/2  \text{150}{3/29  3/31  4/2}  \$\frac{150}{3/29  3/31  4/2}  \$\frac{6.6}{6.4}\$ \text{6.2} \text{6.0} \frac{6.2}{5.6}\$  5.6  3/29  3/31  4/2	2. 4/4 4/6 4/8 4  ard: All pH values not less than 6.0 and not  4/4 4/6 4/8 4/3	Turbidity /10 4/12 4/14 4/ more than 8.5 pH	16 4/18 4 6 4/18 4	1/20 4/22	4/24 4/26	4/28 4/30	5/2		
SCDHEC in-stream standards	2. 4/4 4/6 4/8 4  ard: All pH values not less than 6.0 and not  4/4 4/6 4/8 4/3	Turbidity  /10 4/12 4/14 4/  more than 8.5 pH  Specific Cond  /10 4/12 4/14 4/1	16 4/18 4 6 4/18 4	/20 4/22 /20 4/22	4/24 4/26	4/28 4/30	5/2		
50 3/29 3/31 4/2  150 100 50 3/29 3/31 4/2  SCDHEC in-stream standa 6.6 6.4 6.6 6.4 6.6 6.6 6.7 5.8 5.8 5.6 3/29 3/31 4/2  SCDHEC in-stream standa 0.06 0.04 0.02 3/29 3/31 4/2	2. 4/4 4/6 4/8 4  ard: All pH values not less than 6.0 and not  4/4 4/6 4/8 4/:	Turbidity  /10 4/12 4/14 4/  more than 8.5 pH  Specific Cond  /10 4/12 4/14 4/1	16 4/18 4 6 4/18 4 luctivity	/20 4/22 /20 4/22	4/24 4/26	4/28 4/30	5/2		
\$\frac{150}{40}\$ \$\frac{150}{3/29}\$ \$\frac{3}{3}\$ \$\frac{150}{3}\$ \$\frac{100}{50}\$ \$\frac{3}{3}\$ \$\frac{29}{3}\$ \$\frac{3}{3}\$ \$\frac{3}{29}\$ \$\frac{3}{3}\$ \$\frac{3}{2}\$ \$3	2. 4/4 4/6 4/8 4  ard: All pH values not less than 6.0 and not  4/4 4/6 4/8 4/:	Turbidity  /10 4/12 4/14 4/  more than 8.5 pH  Specific Cond  /10 4/12 4/14 4/1	16 4/18 4 6 4/18 4 luctivity	/20 4/22 /20 4/22	4/24 4/26	4/28 4/30	5/2		

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 29, 2023 - May 2, 2023)

## **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 samples were collected at GilC during this monitoring period.

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** 

There were no data gaps at the GILC station during this monitoring period.

### Potential Illicit Discharges and Abnormal Events:

There were no abnormal events at the GILC station during this monitoring period.