Continuous Water Quality Monitoring Periodic Report

Gills Creek A (July 7, 2022 - August 10, 2022)

STREAM NAME: Gills Creek LOCATION: Forest Drive Bridge 4840 Forest Drive, Columbia, SC 29206 COORDINATES: 34.019826, -80.963566 TURBIDITY (NTU): 3 221 6 TURBIDITY (NTU): 4	1.9 85 10 6.7	0.4 2 14 0.1 0.007
TEMPERATURE (°F): 81 89 85	85 10 6.7 0.044	2 14 0.1 0.007
ADDRESS:	10 6.7 0.044	0.1
ADDRESS: Columbia, SC 29206 COORDINATES: 34.019826, -80.963566 TMDL/IMPAIRMENT: Fecal & Dissolved Oxygen NEIGHBORING LANDUSE: Residential and commercial APPROX. DRAINAGE AREA: SPATIAL LOCATION: Most upstream site TOTAL NO. STORMS OVER 0.1 INCH: SPECIFIC CONDUCTIVITY (mS/cm): DISSOLVED OXYGEN (mg/L): Stage & Rainfall Stage & Rainfall	10 6.7 0.044	0.1
TMDL/IMPAIRMENT: Fecal & Dissolved Oxygen NEIGHBORING LANDUSE: Residential and commercial APPROX. DRAINAGE AREA: SPATIAL LOCATION: Most upstream site TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: 0.9 inches TOTAL RAINFALL (FOR PERIOD): TOTAL RAINFALL (FOR PERIOD): TURBIDITY (NTU): 3 221 6 DH: 6.4 7.0 6.7 SPECIFIC CONDUCTIVITY (mS/cm): 0.026 0.109 0.043 DISSOLVED OXYGEN (mg/L): 4.4 7.7 7.0	0.044	0.1
TMDL/IMPAIRMENT: Fecal & Dissolved Oxygen NEIGHBORING LANDUSE: APPROX. DRAINAGE AREA: SPATIAL LOCATION: Most upstream site TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: (FOR PERIOD): Stage & Rainfall Specific CONDUCTIVITY (mS/cm): DISSOLVED OXYGEN (mg/L): Stage & Rainfall	0.044	0.1
LANDUSE: APPROX. DRAINAGE AREA: SPATIAL LOCATION: Most upstream site TOTAL NO. STORMS OVER 0.1 INCH: MAX. DAILY RAINFALL: (FOR PERIOD): Residential and commercial pH: 6.4 7.0 6.7 SPECIFIC CONDUCTIVITY (mS/cm): DISSOLVED OXYGEN (mg/L): Stage & Rainfall Stage & Rainfall	0.044	0.007
APPROX. DRAINAGE AREA: SPATIAL LOCATION: Most upstream site SPECIFIC CONDUCTIVITY (mS/cm): MAX. DAILY RAINFALL: O.9 inches TOTAL RAINFALL (FOR PERIOD): Stage & Rainfall	0.044	0.007
STOTAL NO. STORMS 4 CONDUCTIVITY 0.026 0.109 0.043		
MAX. DAILY RAINFALL: 0.9 inches DISSOLVED 0.7 0.0 0.9 0.0		
TOTAL RAINFALL (FOR PERIOD): 2.7 inches DISSOLVED OXYGEN (mg/L): Stage & Rainfall	6.7	0.7
TOTAL RAINFALL (FOR PERIOD): 2.7 inches OXYGEN (mg/L): Stage & Rainfall	6.7	0.7
# 6		···
# 6		
0		0.0
0		1.0
		1.5
7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8	8/6 8/8	8/10
Water Temp		
90	A A	_
80	7772	-
70	8/6 8/8	8/10
Turbidity		
200		
E 200	$+\cdots$	_
0	8/6 8/8	8/10
SCDHEC in-stream standard: All pH values not less than 6.0 and not more than 8.5 pH 7.5		
7.0		_
6.5	MN V	
6.0	8/6 8/8	8/10
Specific Conductivity		
	- n -	\exists
6 0.06 0.06 0.03		—
0.00		
7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4	8/6 8/8	8/10
SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen 4 m	ng/L (SCDHEC Low Stan	ndard)
12		
	Lmn	
4 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 A (July 7, 2022 - August 10, 2022)

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:

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)								

There were no samples collected during this monitoring period.

Notes:

Data Gaps

Turbidity data was removed from July 9th though July 11th due to sensor fouling.

Potential Illicit Discharges and Abnormal Events:

Specific conductivity increased several times throughout the monitoring period, which may have been the result of illicit discharges.

Continuous Water Quality Monitoring Periodic Report

Gills Creek B (July 7, 2022 - August 10, 2022)

STREAM NAME: Gills Creek Gills Creek CONDINATES: OBSERVED OSSERVED			CONTINUOUS	SUMMARY STATISTICS						
CFS : 9,7 39/0 30.7 48.3 47.5	PARAMETER	DESCRIPTION						STANDARD DEVIATION		
ADDRESS: Columbia, St. 294 CORDINATES: 33 989895, 80.97433 TADDIMPARAMENT: Focal & Dissolved Oxygen INDIGIBORING LANDUSE: Residential and commercial APPROX. DRANAGE AREA: 59 square miles SPATIAL LOCATION: Middle site TOTAL NO. STORMS OVER 6 OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.09 DISSOLVED OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.09 PERIOD: The docturge data in from the U5030 021297.97 tills. Limit action. DISSOLVED OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.09 Turbidity Water Temp Water Temp Turbidity Turbidity Specific Conductivity Specific Conducti	STREAM NAME:	Gills Creek		9.7	397.0	30.7	48.3	47.3		
APPROX. DRAINAGE AREA: 50 square miles SPATIAL LOCATION: Middle site TOTAL NO. STORMS OVER 6 CONDUCTIVITY (mS/cm): 0.019 0.067 0.049 0.050 0.00 0.00 0.00 0.00 0.00 0.00 0.	LOCATION:	Devine Street bridge	TEMPERATURE							
THEIDITY (NTU): 5 167 9 11 9 11 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	ADDRESS:			82	94	86	86	2		
THDLMPARMENT: Feecal & Dissolved Oxygen PH: 6.3 6.9 6.6 6.6 0.1	COORDINATES:		TURRIBUTY (NTU)	_	407		- 44			
APPROX. ORAINAGE AREA: 59 square miles SPATIAL LOCATION: M6dide site TOTAL NO. STORMS OVER 6 MAX. DAILY RAINFALL: 1.1 inches TOTAL RAINFALL (FOR 2.5 inches) DISSOLVED OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.9 TOTAL RAINFALL (FOR 2.5 inches) TOTAL RAINFALL (FOR 2.5	TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	TURBIDITY (NTU):	5	167	9	11	9		
SPATIAL LOCATION: Middle sile TOTAL NO. STORES OVER 6 MAX. DAILY RAINFALL: 1.1 inches DISSOLVED OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.9 SPECIFIC CONDUCTIVITY (mS/cm): DISSOLVED OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.9 SPECIFIC CONDUCTIVITY (mS/cm): DISSOLVED OXYGEN (mg/L): SPECIFIC CONDUCTIVITY (ms/cm): OXYGEN (mg/L): SPECIFIC CONDUCTIVITY (ms/cm): OXYGEN (mg/L): SPECIFIC CONDUCTIVITY (ms/cm): SPECIFIC CONDUCTIVITY (ms/cm): OXYGEN (mg/L):	NEIGHBORING LANDUSE:	Residential and commercial								
TOTAL NO. STORMS OVER 6 INCH. 1.1 inches DISSOLVED OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.9 0.067 0.1 MCH. 2.5 inches DISSOLVED OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.9 0.9 0.067 0.049 0.049 0.067 0.049 0.067 0.049 0.049 0.067 0.049 0.049 0.067 0.049 0.049 0.067 0.049 0.049 0.067 0.049 0.049 0.067 0.049 0.049 0.067 0.049 0.049 0.067 0.049 0.049 0.067 0.049 0.049 0.067 0.049 0.049 0.049 0.049 0.049 0.067 0.049 0.0	APPROX. DRAINAGE AREA:	59 square miles	pH:	6.3	6.9	6.6	6.6	0.1		
DI INCH. STARMS OF THE	SPATIAL LOCATION:	Middle site								
TOTAL RAINFALL (FOR PERIOD) 2.5 inches DissolveD (nrg/L): 3.4 7.7 6.3 6.0 0.9 PERIOD Water Temp Water Temp Turbdity Turbdity Turbdity Specific Conductivity Specific Conductivity Specific Conductivity Specific Conductivity Scotter Cin-stream standard: Daily average not less than 5.0 and not more than 8.5 PH SCOREC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L SCOREC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen SCOREC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen SCOREC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen SCOREC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen SCOREC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen SCOREC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen SCOREC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen		6		0.019	0.067	0.049	0.050	0.004		
TOTAL RAINFALL (FOR PERIOD): 2.5 Inches OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.9 PERIOD: This discharge data is from the USSS 02169570 Gills Creek station. Discharge & Rainfall OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.9 PERIOD: This discharge data is from the USSS 02169570 Gills Creek station. Discharge & Rainfall OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.9 PERIOD: This discharge data is from the USSS 02169570 Gills Creek station. Discharge & Rainfall OXYGEN (mg/L): 3.4 7.7 6.3 6.0 0.9 PERIOD: This discharge data is from the USSS 02169570 Gills Creek station. Discharge & Rainfall OXYGEN (mg/L): 3.4 7.7 6.3 6.0 OXYGEN (mg/L): 3.4 7.7 6.3 OXYGEN (mg/L): 3.4 7.7 7.7 7.7 7.7 7.7 7.7 7.7	MAX. DAILY RAINFALL:	1.1 inches	DISSOLVED							
98 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2.5 inches		3.4	7.7	6.3	6.0	0.9		
## 200		e USGS 02169570 Gills Creek station.	Discharge & Rai	nfall				0.0		
7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 Water Temp 100 107 177 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 Turbidity 100 100 100 100 100 100 100 100 100 1	£, 600									
7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 Water Temp 100 107 177 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 Turbidity 100 100 100 100 100 100 100 100 100 1	in 400							- 0.5		
100 80 77/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 Turbidity 100 90 90 90 90 90 90 90 90 90 90 90 90 9	7/7 7/9 7/11	7/13 7/15 7/17 7/19	7/21 7/23 7/25	7/27 7/29	9 7/31 8/	/2 8/4	8/6 8/8			
90	100 -		Water Temp							
Turbidity Turbidity SECHEC in-stream standard: Dally average not less than 5 mg/L with a low of 4 mg/L SCDHEC in-stream standard: Dally average not less than 5 mg/L with a low of 4 mg/L SCDHEC in-stream standard: Dally average not less than 5 mg/L with a low of 4 mg/L SCDHEC in-stream standard: Dally average not less than 5 mg/L with a low of 4 mg/L SCDHEC in-stream standard: Dally average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen	90			~~~	~^ ^	A A A	Λ Λ _Δ Λ			
7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 Turbidity Turbidity Scothec in-stream standard: All pH values not less than 6.0 and not more than 8.5 pH Specific Conductivity 0.08 0.08	80					7999	2002	•		
Scottes in stream standard: All pH values not less than 6.0 and not more than 8.5 pH Contact in stream standard: All pH values not less than 6.0 and not more than 8.5 pH Specific Conductivity Specific		7/13 7/15 7/17 7/19	7/21 7/23 7/25	7/27 7/2	9 7/31 8	3/2 8/4	8/6 8/8	8/10		
200 150 7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 Specific Conductivity Specific Conductivity 50.06 6.2 7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 Specific Conductivity 50.06 6.2 0.00 7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10										
SCDHEC in-stream standard: All pH values not less than 6.0 and not more than 8.5 PH Specific Conductivity Speci			Turbidity							
SCDHEC in-stream standard: All pH values not less than 6.0 and not more than 8.5 E 6.6 6.2 7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 Specific Conductivity Specific C	F 100						2			
Specific Conductivity	0	7/02 7/05 7/07 7/00	7/24 7/22 7/25	7/27 7/	20 7/24	0/2	0/5 0/0	0/10		
Specific Conductivity 12 0.10 0.08 0.00 7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 Specific Conductivity 0.10 0.00 0.00 7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 10 11 12 13 14 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 15 16 17 18 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 18 19 10 10 10 10 10 10 10 10 10	/// //9 //11		//21 //23 //25	1/21 1/	29 //31	8/2 8/4	8/6 8/8	8/10		
\$\frac{1}{2} \\ \frac{6.6}{6.4} \\ \frac{6.7}{77} \\ \frac{7/9}{7/9} \\ \frac{7/11}{7/11} \\ \frac{7/15}{7/15} \\ \frac{7/17}{7/19} \\ \frac{7/11}{7/19} \\ \frac{7/21}{7/21} \\ \frac{7/23}{7/25} \\ \frac{7/27}{7/29} \\ \frac{7/29}{7/31} \\ \frac{8/2}{8/4} \\ \frac{8/6}{8/8} \\ \frac{8/10}{8/8} \\ \frac{10}{8/8} \		pH values not less than 6.0 and not more t	than 8.5 pH							
Specific Conductivity		M A A A A A			A.A.A.					
7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 Specific Conductivity 0.10 0.08 0.06 0.04 0.02 7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen 4 mg/L (SCDHEC Low Standard: Daily average not less than 5 mg/L with a low of 4 mg/L) SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen 4 mg/L (SCDHEC Low Standard: Daily average not less than 5 mg/L with a low of 4 mg/L)	6.4					000				
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0.08 0.04 0.00 0.00 0.00 0.00 0.00 0.00			Specific Condu	ctivity						
0.00 7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen 4 mg/L (SCDHEC Low Standard)	0.08									
0.00 7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen 4 mg/L (SCDHEC Low Standard)	5 0.06 0.04			~~			+			
SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen 4 mg/L (SCDHEC Low Standard) 12 10 8 8 8	0.00	3/42 3/45 5/	7/04/		20 -/-	0/2 -:	0/6	2/15		
To the state of th	7/7 7/9 7/11	7/13 7/15 7/17 7/19 	7/21 7/23 7/25	7/27 7/	29 7/31	8/2 8/4	8/6 8/8	8/10		
		: Daily average not less than 5 mg/L with a	low of 4 mg/L Dissolved O	xygen			4 mg/L (SCDHF)	C Low Standard)		
	10									
4		~~~~	~~~	~~·	~~~	111				
4 2 7/7 7/9 7/11 7/13 7/15 7/17 7/19 7/21 7/23 7/25 7/27 7/29 7/31 8/2 8/4 8/6 8/8 8/10	2	7/13 7/15 7/17 7/10	7/21 7/22 7/25	7/27 7	//20 7/21	8/2 0/4	8/6 0/0	8/10		

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 (July 7, 2022 - August 10, 2022)

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:

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)								

There were no samples collected during this monitoring period.

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 (July 7, 2022 - August 10, 2022)

		CONTINUOUS		SUMMARY STATISTICS							
PARAMETER	DESCRIPTION	Ш		ER QUALITY AMETERS:	MINIMUM OBSERVED	MAXIMU OBSERVI		MEDIAN OBSERVED	MEAN OBSERVED	STANDAF DEVIATIO	
STREAM NAME:	Gills Creek		STAC	GE (FT):	2.5	5.8		2.9	3.3	0.8	
LOCATION:	Bluff Road bridge	11	TEM	DEDATURE (SE)	70	0.7		00	00	0	
ADDRESS:	3009 Bluff Rd. Columbia, SC 29209		TEMPERATURE (°F):		79	87		83	83	2	
COORDINATES:	33.948043, -80.9889		TURE	BIDITY (NTU):	5	142		8	9	8	
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen]	10111	SIDITT (ITTO).	ŭ	142			, ,	Ů	
NEIGHBORING LANDUSE:	Residential and commercial		pH:		5.8	6.4		6.2	6.2	0.1	
APPROX. DRAINAGE AREA:	64 square miles		р		0.0	0.4		0.2	0.2	0.1	
SPATIAL LOCATION:	Most downstream site		SPEC	CIFIC							
TOTAL NO. STORMS OVER 0.1 INCH:	6		CON (mS/c	DUCTIVITY cm):	0.038	0.072		0.059	0.059	0.006	
MAX. DAILY RAINFALL:	1.65 inches] [DISS	OLVED							
TOTAL RAINFALL (FOR PERIOD):	3.7 inches		OXY	GEN (mg/L):	4.3	6.0		5.1	5.1	0.2	
				Stage & Rainf	fall	•			•	•	
± 16 12		Ŧ								0.0	
Stage 8		-								0.0 0.5 1.0 1.5	
0 7/7 7/9 7/11	7/13 7/15 7/17	7/19	· · · · · · · · · · · · · · · · · · ·	 21	 /25	7/29 7/3	31	8/2 8/4	8/6 8/8	8/10	
100				Water Tem	p						
90			~	_~~		~~~			~~~		
80					1						
7/7 7/9 7/11	7/13 7/15 7/17	7/19	9 7/	21 7/23 7	7/25 7/27	7/29 7,	/31	8/2 8/4	8/6 8/8	8/10	
				Turbidity							
200											
> 150		•									
100		j									
員 100	11 7/13 7/15 7/17	7/	19		7/25 7/27	7/29 7	7/31	8/2 8/4	8/6 8/	8 8/10	
P 100 50 7/7 7/9 7/:				7/21 7/23		7/29 7	7/31	8/2 8/4	8/6 8/	8 8/10	
100 50 7/7 7/9 7/5 SCDHEC in-stream standa	11 7/13 7/15 7/17 ard: All pH values not less than 6.0 and no			7/21 7/23		7/29 7	7/31	8/2 8/4	8/6 8/	8 8/10	
50 0 7/7 7/9 7/2 SCDHEC in-stream standa				7/21 7/23		7/29	7/31	8/2 8/4	8/6 8/	8 8/10	
50 0 7/7 7/9 7/2 SCDHEC in-stream standa				7/21 7/23		7/29	7/31	8/2 8/4	8/6 8/	8 8/10	
SCDHEC in-stream stands 6.6 6.4 1 6.2 6.0 5.8			ore than 8	7/21 7/23			7/31	8/2 8/4			
SCDHEC in-stream standa 6.6 6.4 6.2 6.0 5.8 5.6	ard: All pH values not less than 6.0 and no	not mo	ore than 8	7/21 7/23	7/25 7/27						
SCDHEC in-stream standa 6.6 6.4 6.2 6.0 5.8 7/7 7/9 7/11	ard: All pH values not less than 6.0 and no	not mo	ore than 8	7/21 7/23 3.5 pH	7/25 7/27						
50 7/7 7/9 7/5 SCDHEC in-stream stands 6.6 6.4 1.6.2 6.0 5.8 5.6 7/7 7/9 7/11	ard: All pH values not less than 6.0 and no	not mo	ore than 8	7/21 7/23 3.5 pH	7/25 7/27						
SCDHEC in-stream stands 100 7/7 7/9 7/2 SCDHEC in-stream stands 6.6 6.4 6.2 6.0 5.8 5.6 7/7 7/9 7/11	ard: All pH values not less than 6.0 and no	not mo	ore than 8	7/21 7/23 3.5 pH	7/25 7/27						
SCDHEC in-stream stands 6.6 6.4 6.4 6.6 5.8 7/7 7/9 7/11	7/13 7/15 7/17	not mo	ore than 8	7/21 7/23 3.5 pH //21 7/23 Specific Cond	7/25 7/27	7/29 7			8/6 8/		
SCDHEC in-stream standa 0.10 0.7/7 7/9 7/11 SCDHEC in-stream standa 0.66 6.4 6.4 6.6 6.7 7/7 7/9 7/11 SCDHEC in-stream standa	7/13 7/15 7/17	7/1 7/:	9 7,	7/21 7/23 Specific Cond	7/25 7/27 7/25 7/27 Ructivity	7/29 7	//31	8/2 8/4	8/6 8/	/8 8/10	
SCDHEC in-stream standa 0.10 0.7/7 7/9 7/11 SCDHEC in-stream standa 0.10 0.08 0.00	7/13 7/15 7/17	7/1 7/:	9 7,	7/21 7/23 Specific Cond	7/25 7/27 7/25 7/27 Ructivity 7/25 7/27	7/29 7	//31	8/2 8/4	8/6 8/	/8 8/10	
SCDHEC in-stream standa 0.10 0.7/7 7/9 7/11 SCDHEC in-stream standa 0.66 6.4 6.4 6.6 6.7 7/7 7/9 7/11 SCDHEC in-stream standa	7/13 7/15 7/17	7/1 7/:	9 7,	7/21 7/23 Specific Cond	7/25 7/27 7/25 7/27 Ructivity 7/25 7/27	7/29 7	//31	8/2 8/4	8/6 8/	/8 8/10	

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 (July 7, 2022 - August 10, 2022)

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:

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)								

There were no samples collected during this monitoring period.

Notes:

Data Gaps

There was a brief gap in stage data on August 8th, likely due to instrument communication errors.

Potential Illicit Discharges and Abnormal Events:

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