#### Gills Creek A (December 19, 2023 - January 30, 2024)

		CONTINUOUS	SUMMARY STATISTICS						
PARAMETER	DESCRIPTION	WATER QUALITY PARAMETERS:	MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARI		
STREAM NAME:	Gills Creek	STAGE (FT):	1.1	4.4	1.9	2.0	0.4		
LOCATION:	Forest Drive Bridge								
ADDRESS:	4840 Forest Drive, Columbia, SC 29206	TEMPERATURE (°F):	37	64	50	50	3		
COORDINATES:	34.019826, -80.963566	TURBIDITY (NTU):	8	180	10	12	9		
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen		0	100	10	12	5		
NEIGHBORING LANDUSE:	Residential and commercial	pH:	6.4	6.8	6.6	6.6	0.1		
APPROX. DRAINAGE AREA:	48 square miles								
SPATIAL LOCATION:	Most upstream site	SPECIFIC							
TOTAL NO. STORMS OVER 0.1 INCH:	8	CONDUCTIVITY (mS/cm):	0.035	0.059	0.044	0.044	0.004		
MAX. DAILY RAINFALL:	1.1 inches	DISSOLVED							
TOTAL RAINFALL (FOR PERIOD):	4.1 inches	OXYGEN (mg/L):	8.8	11.9	11.1	11.0	0.4		
		Stage & Rain	fall						
							0.0		
H 4			-				0.2		
							0.6		
12/19 12/21 12/23 12	2/25 12/27 12/29 12/31 1/2	1/4 1/6 1/8 1/10	1/12 1/14	1/16 1/18 1	1/20 1/22 1/24	4 1/26 1/28	1/30		
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70		Water Tem	ip						
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#### Gills Creek A (December 19, 2023 - January 30, 2024)

### **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			
Analyte (units)	1/9/2024		1/9/2024		1/9/2024			
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli (MPN/100mL)	9:30	374	13:10	870	14:30	2,130		
Total Suspended Solids (mg/L)	9:30	8.1	13:10	12.8	14:30	43.0		
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

All samples were collected during wet weather conditions.

#### Notes:

Data Gaps

There was a data gap in turbidity, pH, DO, and specific conductivity from 1/20 - 1/22 due to the sensors fouling.

## Potential Illicit Discharges and Abnormal Events:

There were multiple instances of increased specific conductivity throughout the monitoring period which may have been the result of potential illicit discharges.

# Gills Creek B (December 19, 2023 - January 30, 2024)

PARAMETERS:MINIMUM OBSERVEDMAXIMUM OBSERVEDMEDIAN OBSERVEDMEAN OBSERVEDSTANDA OBSERVEDSTREAM NAME:Gills CreekDISCHARGE (CFS):15.4333.080.299.462.1LOCATION:Devine Street bridge ADDRESS:4716 Devine Street Columbia, SC 2920915.4333.080.299.462.1COORDINATES:33.989656, -80.97433TEMPERATURE (°F):425849503TMDL/IMPAIRMENT:Fecal & Dissolved OxygenTURBIDITY (NTU): PH:74916165NEIGHBORING LANDUSE:Residential and commercial APPROX. DRAINAGE AREA:59 square milesPH:6.26.76.66.60.1SPATIAL LOCATION:Middle siteSPECIFIC CONDUCTIVITY (mS/cm):0.0420.0640.0490.0500.004		DESCRIPTION		CONTINUOUS	SUMMARY STATISTICS						
STREAM AURCE: LOCATION: LOCATION: ATTG During Stream ATTG During Stream CORDINATES: 33 080606, -00 97433 TMDL/MPAIRMENT: Feral & Disadvod Oxygon REGIBORING LANDES: Residential and commercial PPI: CORDINATES: 33 080606, -00 97433 TMDL/MPAIRMENT: Feral & Disadvod Oxygon REGIBORING LANDES: Residential and commercial PPI: Control No. STORMS OVER 8 SPATAL LOCATION: TOTAL NO. STORMS OVER 8 SPATAL LOCATION: SPATAL LOCATION: SPATAL LOCATION: SPATAL LOCATION: SPATAL LOCATION: SPATA	PARAMETER				-	-			STANDARD DEVIATION		
ADDRESS:       C4/716 Device Street       42       58       49       50       3         COORDINATES:       33.989656.90.07433       TIURLIMPS.05 20200       TURBIDITY (NTU):       7       49       16       16       5         NEIGHBORING LANDUSE:       Residential and commercial street       95 aquare miles       95       91       6.0       6.0       0.1         SPATIAL LOCATION:       Models site       95       91       6.2       6.7       6.6       6.0       0.1         SPECIFIC CONDUCTIVITY INTOL ANTAL:       1.2 inches       1.2 inches       DisSolveD OXTGEN (mgL):       5.3       11.2       10.3       10.1       0.8         01001011111       10011111       10011111       10011111       100.42       0.064       0.049       0.050       0.004         01002101111       010311111       010.1       0.8       000000000000000000000000000000000000	STREAM NAME:	Gills Creek			15.4	333.0	80.2	99.4	62.1		
ADDRESS:         Columbia	LOCATION:	Devine Street bridge		TEMPERATURE	10		10				
COORDINATES: 33.998565.40.97433 TIMDUMPAINMENT: Feat & Dissolved Organ NEIGHBORINO LANDESE: Residential and commercial PH: 6.2 6.7 6.6 6.6 0.1 PH: 6.2 6.7 6.6 6.6 0.1 SPECIFIC CONDUCTIVITY (NTU): 7 49 16 16 5 PH: 6.2 6.7 6.6 6.6 0.1 SPECIFIC CONDUCTIVITY 0.042 0.064 0.049 0.050 0.004 0.049 0.050 0.004 0.049 0.050 0.004 0.049 0.050 0.004 0.049 0.050 0.004 0.049 0.050 0.004 0.050	ADDRESS:			(°F):	42	58	49	50	3		
UNDLIAR JARKENT:         Focal & Dissolved Coygen           NEIGHBORING LANDUSE:         Residential and commercial           APPROX. DRAINAGE AREA:         59 square miles           SPECIFIC:         CONDUCTIVITY           O.1NOH:         Middle site           TOTAL NO. STORMS OVER         9           MAX. DAILY PAINFALL:         1.2 inches           DISOLVED         DISOLVED           OTAL ROAT         10.3           MAX. DAILY PAINFALL:         1.2 inches           DISOLVED         DISOLVED	COORDINATES:				7	40	10	10	F		
PPROX. DRAINAGE AREA:         59 square miles         PH:         6.2         6.7         6.6         6.6         0.1           SPATIAL LOCATION:         Middle site         SPECIFIC         0.042         0.064         0.049         0.050         0.004           SINCH:         1.2         Inch:         1.2         Inch:         0.042         0.064         0.049         0.050         0.004           MAX. DALY RAINFALL         1.2         Inches         Insch:         0.042         0.064         0.049         0.050         0.004           MAX. DALY RAINFALL         1.2         Inches         Insch:         DisSolVED         5.3         11.2         10.3         10.1         0.8           0.1004:         Construction figure data from the UKOS 2140% dide Cred stator         Dickarge & Rainfail         0.042         0.041         10.3         10.1         0.8           0.101         0.04         1/2         <	TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen		TORBIDITY (NTO):	1	49	16	16	5		
APPPOX.D. DRAINAGE AREA:       59 square miles         SPATAL LOCATION:       Middle site         SPATAL LOCATION:       Middle site         SPATAL LOCATION:       Middle site         SPATAL LOCATION:       Middle site         SPECIFIC CONDUCTIVITY       0.042       0.064       0.049       0.050       0.004         OTAL RAINFALL (FOR PERIOD):       1.2 inches       DissolvED OXYGEN(mg/L):       5.3       11.2       10.3       10.1       0.8         OTAL RAINFALL (FOR PERIOD):       DissolvED OXYGEN(mg/L):       DissolvED OXYGEN(mg/L): <thdissolved OXYGEN(mg/L):       DissolvED OXYGE</thdissolved 	NEIGHBORING LANDUSE:	Residential and commercial		nH:	6.2	67	6.6	6.6	0.1		
TOTAL NO. STORMS OVER         8           01 INCH:         10.042         0.042         0.044         0.049         0.050         0.004           01 INCH:         11.2 Inches         11.2 Inches         11.2 Inches         11.2 Inches         11.2 Inches         0.042         0.042         0.049         0.049         0.050         0.004           01 INCH:         11.2 Inches         12.2 Inches         11.2 Inches         11.2 Inches         11.2 Inches         10.3 Inches         0.049         0.050         0.004           01 INCH:         11.2 Inches         11.2 Inches         11.2 Inches         11.2 Inches         10.3 Inches         0.01         0.8           01 INCH:         11.2 Inches         11.2 Inches         11.2 Inches         11.2 Inches         10.3 Inches         0.049<	APPROX. DRAINAGE AREA:	59 square miles		pri.	0.2	0.7	0.0	0.0	0.1		
B     B <td>SPATIAL LOCATION:</td> <td>Middle site</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	SPATIAL LOCATION:	Middle site									
Vision         Vision <thvision< th=""> <thvision< th=""> <thvision< td="" th<=""><td></td><td>8</td><td></td><td></td><td>0.042</td><td>0.064</td><td>0.049</td><td>0.050</td><td>0.004</td></thvision<></thvision<></thvision<>		8			0.042	0.064	0.049	0.050	0.004		
Marker Ferind       4.1 inches       Dickharge & Rainfall                0             0	MAX. DAILY RAINFALL:	1.2 inches		DISSOLVED	5.0	44.0	40.0	40.4			
000       0		4.1 inches		OXYGEN (mg/L):	5.3	11.2	10.3	10.1	0.8		
360       0		e USGS 02169570 Gills Creek station.	]	Discharge & Rai	nfall						
12/19       12/19       12/21       12/25       12/27       12/29       12/19       12/11       12/12       12/14       12/16       12/18       12/20       12/21 <td< td=""><td>450</td><td></td><td></td><td>N N</td><td></td><td></td><td></td><td>1</td><td>0.0</td></td<>	450			N N				1	0.0		
12/19       12/19       12/21       12/25       12/27       12/29       12/19       12/11       12/12       12/14       12/16       12/18       12/20       12/21 <td< td=""><td>300</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.4</td></td<>	300								0.4		
65       56       57 <td< td=""><td>0 12/19 12/21 12/23 12/25</td><td>12/27 12/29 12/31 1/2 1</td><td>L/4</td><td>1/6 1/8 1/10</td><td>1/12 1/14</td><td>1/16 1/18 1/</td><td>20 1/22 1/24</td><td>1/26 1/28</td><td>0.0</td></td<>	0 12/19 12/21 12/23 12/25	12/27 12/29 12/31 1/2 1	L/4	1/6 1/8 1/10	1/12 1/14	1/16 1/18 1/	20 1/22 1/24	1/26 1/28	0.0		
65       56       57 <td< td=""><td></td><td></td><td></td><td>Water Term</td><td></td><td></td><td></td><td></td><td></td></td<>				Water Term							
a       b				water remp							
3 1/19 12/21 12/23 12/25 12/27 12/29 12/31 1/2 1/4 1/6 1/8 1/10 1/12 1/14 1/16 1/18 1/20 1/22 1/24 1/26 1/28 1/30			~~					~			
OB       Specific Conductivity         OB       Specific Conductivity       OB       Specific Conductivity         OB       Specific Conductivity       OB       Specific Conductivity       OB       Specific Conductivity         OB       Specific Conductivity       OB       Specific Conductivity       OB       Specific Conductivity       OB       Specific Conductivity         OB       Specific Conductivity       OB       Specific Conductivity       OB       Specific Conductivity       OB	35										
0       0	12/19 12/21 12/23 12/25	12/27 12/29 12/31 1/2 2	1/4	1/6 1/8 1/10	1/12 1/14	1/16 1/18 1	/20 1/22 1/24	4 1/26 1/28	1/30		
45       45 <td< td=""><td>60</td><td></td><td></td><td>Turbidity</td><td></td><td></td><td></td><td></td><td></td></td<>	60			Turbidity							
<sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup>	45										
12/19       12/21       12/25       12/27       12/29       12/31       1/2       1/4       1/6       1/8       1/10       1/12       1/14       1/16       1/18       1/20       1/22       1/24       1/26       1/28       1/30	<b>5</b> 30 15	- Alexandream from the		- And - we							
7.0       6.5       6.6       6.7       7.1       7.2       7	• • • • •	5 12/27 12/29 12/31 1/2	1/4	1/6 1/8 1/10	1/12 1/14	1/16 1/18	1/20 1/22 1/2	4 1/26 1/28	1/30		
7.0       6.5       6.6       6.7       7.1       7.2       7	SCDHEC in-stream standard: All	nH values not less than 6.0 and not mor	re than	85 <b>nH</b>							
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12/19 12/21 12/23 12/25 12/27 12/29 12/31 1/2 1/4 1/6 1/8 1/10 1/12 1/14 1/16 1/18 1/20 1/22 1/24 1/26 1/28 1/30 Specific Conductivity 0.08 0.04 0.02 12/19 12/21 12/23 12/25 12/27 12/29 12/31 1/2 1/4 1/6 1/8 1/10 1/12 1/14 1/16 1/18 1/20 1/22 1/24 1/26 1/28 1/30 SCDHEC in-stream 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 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0 SCDHEC in-stream standard: Daily average not less than 5 mg	<b>E</b> 6.5		+~								
Specific Conductivity 0.08 0.06 0.04 0.02 12/19 12/21 12/23 12/25 12/27 12/29 12/31 1/2 1/4 1/6 1/8 1/10 1/12 1/14 1/16 1/18 1/20 1/22 1/24 1/26 1/28 1/30 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 10 10 10 10 10 10 10 10 10 10	6.0										
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0.06       0.04       0.04       0.02				Specific Condu	ctivity						
Image: 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											
0.02 12/19 12/21 12/23 12/25 12/27 12/29 12/31 1/2 1/4 1/6 1/8 1/10 1/12 1/14 1/16 1/18 1/20 1/22 1/24 1/26 1/28 1/30 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0.02 12/19 12/21 12/23 12/25 12/27 12/29 12/31 1/2 1/4 1/6 1/8 1/10 1/12 1/14 1/16 1/18 1/20 1/22 1/24 1/26 1/28 1/30 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0.02 12/19 12/21 12/23 12/25 12/27 12/29 12/31 1/2 1/4 1/6 1/8 1/10 1/12 1/14 1/16 1/18 1/20 1/22 1/24 1/26 1/28 1/30 SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L 0.02		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						*****			
SCDHEC in-stream standard: Daily average not less than 5 mg/L with a low of 4 mg/L Dissolved Oxygen											
	12/19 12/21 12/23 12/25	12/27 12/29 12/31 1/2	1/4	1/6 1/8 1/10	1/12 1/14	1/16 1/18	1/20 1/22 1/2	24 1/26 1/28	1/30		
	SCDHEC in-stream standard:	Daily average not less than 5 mg/L with	a low o	f 4 mg/L Dissolved O	xygen			- • 4 mg/L (SCDHF(	Low Standard)		
4 2					-						
4 2	<b>J B B C C C C C C C C C C</b>		-				- m				
	- 0 1 1 1										

#### Gills Creek B (December 19, 2023 - January 30, 2024)

## **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			
Analyte (units)	1/9/2024		1/9/2024 1/9/2024		1/9/2024			
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli (MPN/100mL)	10:30	264	14:15	268	15:28	1,090		
Total Suspended Solids (mg/L)	10:30	9.0	14:15	17.4	15:28	26.4		
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

All samples were collected during wet weather conditions.

### Notes:

Data Gaps

There were no data gaps during this monitoring period.

#### Potential Illicit Discharges and Abnormal Events:

Specific conductivity increased from 1/22 through 1/25, which may have been the result of a potential illicit discharge.

# Gills Creek C (December 19, 2023 - January 30, 2024)

		SUMMARY STATISTICS						
PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARI DEVIATION	
STREAM NAME:	Gills Creek	STAGE (FT):	2.8	11.6	4.2	4.9	2.0	
LOCATION:	Bluff Road bridge							
ADDRESS:	3009 Bluff Rd. Columbia, SC 29209	TEMPERATURE (°F):	-	-	-	-	-	
COORDINATES:	33.948043, -80.9889							
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	TURBIDITY (NTU):	-	-	-	-	-	
NEIGHBORING LANDUSE:	Residential and commercial							
APPROX. DRAINAGE AREA:	64 square miles	pH:	-	-	-	-	-	
SPATIAL LOCATION:	Most downstream site	SPECIFIC						
TOTAL NO. STORMS OVER 0.1 INCH:	6	CONDUCTIVITY (mS/cm):	-	-	-	-	-	
MAX. DAILY RAINFALL:	1.11 inches	DISSOLVED						
TOTAL RAINFALL (FOR PERIOD):	4.0 inches	OXYGEN (mg/L):	-	-	-	-	-	
		Stage & Rain	fall					
<b>2</b> 0 <b>1</b> 5 <b>1</b> 5		<b>v</b>				P	0.0	
90 10 5 5							0.0	
0 12/19 12/21 12/23 1	2/25 12/27 12/29 12/31 1/2	1/4 1/6 1/8 1/	10 1/12 1/14	1/16 1/18	1/20 1/22	1/24 1/26 1/		
80		Water Ten	ıp					
۶0								
50 40								
	2/25 12/27 12/29 12/31 1/2	1/4 1/6 1/8 1	/10 1/12 1/14	4 1/16 1/18	1/20 1/22	1/24 1/26 1	/28 1/30	
15 E		Turbidity						
£ 0			,					
£ 0	12/25 12/27 12/29 12/31 1/		1/10 1/12 1/2	14 1/16 1/18	1/20 1/22	1/24 1/26 2	/28 1/30	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12/25 12/27 12/29 12/31 1/	2 1/4 1/6 1/8		14 1/16 1/18	1/20 1/22	1/24 1/26 2	//28 1/30	
0         12/19         12/21         12/23           7.0         SCDHEC in-stream standa		2 1/4 1/6 1/8		14 1/16 1/18	1/20 1/22	1/24 1/26 2	//28 1/30	
B         0         12/19         12/21         12/23           12/19         12/21         12/23         12/23           7.0         SCDHEC in-stream standa           c         c         c		2 1/4 1/6 1/8			1/20 1/22	1/24 1/26 2	1/28 1/30	
B         0         12/19         12/21         12/23           12/19         12/21         12/23         12/23           6.5         6.0         5.5         6.0         6.0	rd: All pH values not less than 6.0 and not	2 1/4 1/6 1/8						
B 0 12/19 12/21 12/21 12/23 SCDHEC in-stream standa 6.5 6.0 6.0	rd: All pH values not less than 6.0 and not	2 1/4 1/6 1/8			1/20 1/22		1/28 1/30	
B         0         12/19         12/21         12/23           12/19         12/21         12/23         12/23         12/23           6.5         6.0         5.5         12/19         12/21         12/23         12/23	rd: All pH values not less than 6.0 and not	2 1/4 1/6 1/8	1/10 1/12 1/1 1/10 1/12 1/1 1/10 1/12 1/1					
B         0         12/19         12/21         12/23           12/19         12/21         12/23         12/23         12/23           6.5         6.0         5.5         12/19         12/21         12/23         12/23           0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09	rd: All pH values not less than 6.0 and not	2 1/4 1/6 1/8 more than 8.5 pH	1/10 1/12 1/1 1/10 1/12 1/1 1/10 1/12 1/1					
E 0 12/19 12/21 12/23 5CDHEC in-stream standa 6.5 6.0 5.5 12/19 12/21 12/23 12 0.09	rd: All pH values not less than 6.0 and not	2 1/4 1/6 1/8 more than 8.5 pH	1/10 1/12 1/1 1/10 1/12 1/1 1/10 1/12 1/1					
E 0 12/19 12/21 12/21 12/23 SCDHEC in-stream standa 7.0 6.5 6.0 5.5 12/19 12/21 12/23	rd: All pH values not less than 6.0 and not	2 1/4 1/6 1/8 more than 8.5 pH 1/4 1/6 1/8 2 Specific Con	1/10 1/12 1/1 1/10 1/12 1/1 1/10 1/12 1/1	4 1/16 1/18		1/24 1/26		
E 0 12/19 12/21 12/23 SCDHEC in-stream standa 6.5 6.0 5.5 12/19 12/21 12/23 0.09 0.06 0.09 0.06 0.03 0.00 12/19 12/21 12/23 0.09 0.00 12/19 12/21 12/23	rd: All pH values not less than 6.0 and not	2 1/4 1/6 1/8 more than 8.5 pH 1/4 1/6 1/8 2 Specific Con 2 1/4 1/6 1/8	1/10         1/12         1/1           1/10         1/12         1/1           Junctivity         Junctivity         Junctivity           1/10         1/12         1/1	4 1/16 1/18	1/20 1/22	1/24 1/26	1/28 1/30	
E 0 12/19 12/21 12/23 5CDHEC in-stream standa 6.5 6.0 5.5 12/19 12/21 12/23 12 0.09 0.00 0.00 0.00 12/19 12/21 12/23 12 5CDHEC in-stream standa 0.00 0.00 12/19 12/21 12/23 12 5CDHEC in-stream standa 0.00	rd: All pH values not less than 6.0 and not	2 1/4 1/6 1/8 more than 8.5 pH 1/4 1/6 1/8 2 Specific Con 2 1/4 1/6 1/8	1/10 1/12 1/1 1/10 1/12 1/1 ductivity	4 1/16 1/18	1/20 1/22	1/24 1/26	1/28 1/30	
E 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rd: All pH values not less than 6.0 and not	2 1/4 1/6 1/8 more than 8.5 pH 1/4 1/6 1/8 2 Specific Con 2 1/4 1/6 1/8	1/10         1/12         1/1           1/10         1/12         1/1           Junctivity         Junctivity         Junctivity           1/10         1/12         1/1	4 1/16 1/18	1/20 1/22	1/24 1/26	1/28 1/30	
E 0 12/19 12/21 12/23 CDHEC in-stream standa 5.5 12/19 12/21 12/23 0.09 0.09 0.00 12/19 12/21 12/23 0.09 0.09 0.00 12/19 12/21 12/23 1	rd: All pH values not less than 6.0 and not	2 1/4 1/6 1/8 more than 8.5 pH 1/4 1/6 1/8 2 Specific Con 2 1/4 1/6 1/8	1/10         1/12         1/1           1/10         1/12         1/1           Junctivity         Junctivity         Junctivity           1/10         1/12         1/1	4 1/16 1/18	1/20 1/22	1/24 1/26	1/28 1/30	

#### Gills Creek C (December 19, 2023 - January 30, 2024)

## **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)	1/9/2024		1/9/2024		1/9/2024		1/9/2024	
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli (MPN/100mL)	10:00	242	10:51	104	13:13	370	14:09	220
Total Suspended Solids (mg/L)	10:00	6.1	10:51	6.6	13:13	6.8	14:09	8.6
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

All samples were collected during wet weather conditions.

### Notes:

Data Gaps

No temperature, turbididty, pH, specific conductivity and DO data was collected during this monitoring period because the sensors were out for maintenance.

Potential Illicit Discharges and Abnormal Events: N/A