



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: MILLS CREEK AT US 301/US1

Date: 07/13/2020

(mm/dd/yyyy)

WIN/ Field ID: 19020048

WBID: 2120B

Latitude: 30.6389138

(Decimal Degrees)

County: Nassau

ORG ID: 21 FLA

Longitude: -81.86306

(Decimal Degrees)

Receiving Body of Water: Nassau River

RQ-2020- 07-13-27

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Brian Davis					
Kim Appleby					

Sampling Equipment	
☐ Sample Container	☒ Van Dorn
☐ Syringe	☐ Pole
☐ Dipper	☐ Other
Depth Measured with <u>meter</u>	
Equipment ID <u>Nigel Thornberry (van Dorn) #3</u>	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☒ Other <u>Bridge</u>	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded		Meter ID# <u>Stitch</u>	
Photos: Yes / <u>No</u>	Flow: No Flow / <u>Flowing</u> / NA	Tide: Rising/ Falling/ Slack/ <u>NA</u>	Tide Times: High Low
Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other:			
SBIO ID Numbers:	SBIO-ID:	HA-ID:	RPS-ID:
Macrophyte-ID:		LIMS#:	
Notes:			

Duplicate Sample

Time Zone: <u>EST</u> CEN Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____	

Blank

Time Zone: <u>EST</u> CEN Time: <u>10 40</u>	Field ID: <u>F807132020</u> (Blank Type_DDMMYYYY)
DI Source: <u>NE DIST</u>	Location: <u>Mills Creek AT US 301/US1</u>
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank	Equipment ID: <u>Outlet #3/Nigel Thornberry</u>

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____

(Initials/Date)

(Initials/Date)

(Initials/Date)



RQ-2020- 07-13-27
Customer: 21 FLA
Project ID: Callahan

Collected By: Brian Davis & K.m Appleby
 Field Report Prepared By: K Appleby
 Sampling Agency: FDEP NE ROC

WIN ID/Field ID:



19020048

MILLS CREEK AT US 301/US1

NITRIC ACID
 20-70%
 DANGER
 7732-18-7
 7732-18-6
 May be corrosive to metals. Causes severe skin burns and eye damage. Keep away from heat/spark/open flame. No smoking. Do not breathe fumes/vapors. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. If SWALLOWED: rinse mouth. Do NOT induce vomiting. If ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Flush skin with water/shower. If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Caution to the respiratory tract.

Contains: 1:1 HNO3
 Lot No: NA9354060
 Expires: 12/2020
 See Safety Data Sheet (SDS)

Had to take at bridge. ~~was~~ unable to reach creek further upstream, just enough flow at bridge but very slow

Matrix: <u>Fresh</u> / Marine		(Check one)		☒ GRAB ☐ COMPOSITE						
Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
7/13/20	1030	2.73	33.2	25.1	5.05	0.3	0.6	1.4	63.6	0.03
(EST/CST)										
Cental Lab please use top row for login purposes										
EST/CST										
Parameter Suite		Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP				☒ Ice ☒ H2SO4*		☒ <2	1	A
		Lot #	SA9354050		Exp:	12/2020				
Metals (P-500ML)		☒ W-ICPMS ☒ W-ICP ☒ W-HARD				☒ Ice ☒ HNO3*		☒ <2	1	A
		Lot #	NA9354060		Exp:	12/2020				
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	A
		Filter Lot #	SA15792HS							
		Syringe Lot #								
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	A
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CHC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS				☒ Ice			1	A
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / ☐ W-BR-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY				☐ Ice				
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☒ E Coli ☐ F Coli ☐ Enterococci				☒ Ice			1	A
		☐ Contract Lab								
Molecular (QPCR-P-500ML)		☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes				☐ Ice				
Tracers (BG-500ML)		☐ W-E8321-DI ☐ W-E8321-MS				☐ Ice				
Pesticides (BG-500ML) (BG-1L)		☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
Name: <u>K.m Appleby</u>					Signature: <u>[Signature]</u>					Date: <u>7/13/20</u>

*2.0 ml of Preservative used unless noted otherwise.
 **MCAA: Monochloroacetic acid buffer solution

SULFURIC ACID <51%
 DANGER
 7664-93-9
 7726-10-9
 Contains: 1:1 H2SO4
 May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe fumes/vapors. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. If SWALLOWED: rinse mouth. Do NOT induce vomiting. If ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Caution to the respiratory tract.

Contains: 1:1 H2SO4
 Lot No: SA9354050
 Expires: 12/2020
 See Safety Data Sheet (SDS)