



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Thomas Crk 6 mi. below city prison Date: 1/30/2018
WIN/ Field ID: G4NE0008 WBID: 2161C Latitude: 30.56296
County: Duval ORG ID: 21FLA Longitude: -81.68721
Receiving Body of Water: Nassau River RQ-2018- 01-29-09

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B = D =						
S. P. Smith						

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>YSI</u>		
Equipment ID <u>0014074</u>		
Collection Method		
☐ Wading	☐ Canoe/Kayak	
☐ From Shore	☒ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry / Pooled / Low / Normal / <u>High</u> / Flooded		Meter ID# <u>YSI 42</u>	Matrix: <u>Fresh</u> / Marine / DI							
Photos: <u>Yes</u> / No		Flow: No Flow / Intestinal / <u>Flowing</u> / NA	Tide: <u>Rising</u> / Falling / Slack / NA							
Tide Times: High <u>10:24</u> Low <u>17:13</u>										
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1035	5.2	0.3	0.4	9.11	88.8	6.90	0.18	375	14.10
CEN	1039		3.0		9.14	88.8	6.80	0.18	375	14.08

Biological Samples Collected:		None	HA	SCI	RPS	Algae ID	LVS	LVI	Other:	
SBIO ID Numbers:		SBIO-ID:	HA-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:				
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check					
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	SA7541020	12/7/18	☒ <2					
Metals	☒ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2					
Filtered Nutrients	☐ W-PQ4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R7EA12511							
Chlorophyll	☒ CHLSUITE-W	☒ Ice								
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice								
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice								
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin								
Periphyton	☐ ALGAE-ID	☐ Ice								
Microbiology	☐ E Coli ☐ F Coli ☒ Enterococci	☒ Ice								
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice								
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice								
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other								

Notes:

WIN / Field ID: G4NE0008

Thomas Crk 6 mi. below city prison

Signature: B = D = Date: 1/30/18

Enter Field Parameters, Verify Station ID In LIMS DMT: 2/2/18 QC Station ID, Field Parameters In LIMS DMT: 2/2/18

Scan/Save Field Sheets 2/2/18 Migrate Data to WIN: 2/2/18 Verify Data in WIN: 2/2/18

Duplicate

Time Zone: EST CEN		Sample Depth (m): _____			
Time: _____		Total Depth (m): _____		Field ID: _____	
Parameter Suite	Parameter Methods		Preservation	Lot#	Expiration
Preserved Nutrients	☐ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP		☐ Ice ☐ H ₂ SO ₄		
Metals	☐ W-ICPMS ☐ W-ICP		☐ Ice ☐ HNO ₃		
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter		☐ Ice		
Chlorophyll	☐ CHLSUITE-W		☐ Ice	Place Preservative Sticker(s) Here (If Available)	
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS		☐ Ice		
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY		☐ Ice		
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci		☐ Ice		
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD		☐ Ice		
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA		☐ Ice		
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R		☐ Ice ☐ Other		

Blank

Time Zone: <u>EST</u> <u>CEN</u>		Time: <u>1210</u>		Field ID: <u>FIELD BLANK/KC013018</u>		
DI Source: <u>NE ROC LAB</u>		Location: <u>Unherb Test 1.1 Mills @ C52</u>				
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: <u>ORTHO # 44</u>				
Parameter Suite	Parameter Methods		Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP		☒ Ice ☒ H ₂ SO ₄	<u>SA7275010</u>	<u>10/2/18</u>	☒ < 2
Metals	☐ W-ICPM5 ☐ W-ICP		☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter		☒ Ice	<u>R7EA12511</u>		
Chlorophyll	☒ CHLSUITE-W		☒ Ice	Contains: 1:1 Sulfuric Acid Lot No.: SA7275010 Expires: 10/02/18 See Safety Data Sheet (SDS) Place Preservation (If A)		
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS		☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY		☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci		☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD		☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA		☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R		☐ Other			

THERMO FISHER SCIENTIFIC
 500 HUNTERS LANE
 WILMINGTON, MA 01897
 1-800-871-1111
 1-508-688-2711

Contains: 1:1 Sulfuric Acid
 Lot No.: SA7275010
 Expires: 10/02/18
 See Safety Data Sheet (SDS)

May be used for: Do not breathe dusts, fumes and vapors. Avoid contact with skin and eyes. Wash thoroughly after use. Wear protective gloves/eye protection. Do not eat, drink or smoke while using. Do not get on clothing or personal belongings. If swallowed, do not induce vomiting. If on skin, do not wash off. If in eyes, flush with water for 15 minutes. If inhaled, move to fresh air. If inhaled, move to fresh air. If inhaled, move to fresh air. If inhaled, move to fresh air.

Sulfuric Acid <5%
 7783-80-9
 7783-80-9

Notes:

WIN / Field ID



FIELDBLANK013018

Field Blank 01302018

Signature: _____

Date:

Field Parameters Entered into LIMS:

(Initials/Date)

Field Parameters QC in LIMS:

(Initials/Date)

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved:

(Initials/Date)

Cooler Packing Worksheet for Request: RQ-2018-01-29-09

Nassau East

Ship Cooler On: 1/18/2018

Customer/Project: NE-DIST/SMP

Assigned To: REAVES_S

Requester: Jeremy M. Parrish

Priority: 3

904-256-1700

8800 Baymeadows Way West

Jacksonville, FL 32256-7577

Attn: Jeremy Parrish

Comments:

No preservatives needed.

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00069741

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-F

W-SO4-IC

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1215081

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-120ML-WC-THI

Qty: 2 Preservation: ICE

Lot # 11
6402-1

Description:

Analysis

NE-ALS-ENQ

Description

Enterococci by MPN by ALS Environmental Overflow Laboratory for NED

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # 00069255

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Description

Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 2 Preservation: FILTER-ICE

Lot # 00068347

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00069741

Description: Plastic Bottle 1L

Analysis

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L
Turbidity in aqueous matrices
Chloride in aqueous matrices
True Color measured at 450 nm
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Sulfate in aqueous matrices
Total Dissolved Solids in aqueous matrices
Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1215081

Description: Brown Plastic Bottle 1L

Analysis

CHL SUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI

Qty: 2 Preservation: ICE

Lot # 115269

Description:

Analysis

NE-ALS-ECQ

Description

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # 00069255

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOD

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 2 Preservation: FILTER-ICE

Lot # 00068347

Description: Plastic Bottle 125 mL

Analysis

W-PO4F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: SR

Number of Coolers: 2

Date: 1-17-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags
- ☐ Zip Ties

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-01-29-09