Request Number: RQ-2016-10-03-29

UEC North

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Collected By: Nicole Frederick / Pato Conner

Field Report Prepared By: Nicole Frederick

Sampling Agency: NEROC

Location Field Id : G5NE0017 10122016 Date: Time:

Field ID Deep Creek 1.25 mi. N of Pine Island Rd. Storet: G5NE0017

STORET #

Latitude 30.068111 ☒dd ☐dms | Longitude 81.402917 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10/12/16 Time 1435 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2) A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 3.90 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 23.40 | pH 7.20 | Sample Depth 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm) 163

Salinity (ppt) 0.08 | Comments

Locatio Field Id : G5NE0018 10122016 Date: Time:

Field ID Lake Vedra 0.25 above Micklers Landing Storet: G5NE0018

STORE

Latitude 30.165839 ☒dd ☐dms | Longitude 81.361071 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10/12/16 Time 1045 Eastern Central | Composite end Date Time | Bottle Group(s) A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 1.10 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 22.90 | pH ~~10/12/16~~ 7.70 NF | Sample Depth 0.30 ☐ ft ☒ m | Sp. Conductance (umho/cm) 894

Salinity (ppt) 0.44 | Comments

Location Field Id : G5NE0075 10122016 Date: Time:

Field ID Oyster Creek @ Dixie Hwy Storet: 27010056

STORET

Latitude 29.887678 ☐dd ☐dms | Longitude 81.327647 ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10/12/16 Time 1345 Eastern Central | Composite end Date Time | Bottle Group(s) ~~A~~ B NF

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 2.96 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 25.37 | pH 7.11 | Sample Depth 0.30 ☐ ft ☒ m | Sp. Conductance (umho/cm) 3,090

Salinity (ppt) ~~19.39~~ 1.93 NF | Comments: Salinity 1.93

Location

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time Eastern Central | Composite end Date Time | Bottle Group(s)

Field ID

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

STORET #

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms | Salinity (ppt) | Comments

---

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Nicole Frederick	10/12/16; 1630	FEDEX	1	[illegible]	10-13-16 / 10:15

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2

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

Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2

CHLSUITE-W

Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	2

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

Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab**	2

W-PO4-F

Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1

ALKALINITY
TURBIDITY
W-F
W-TSS

Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1

CHLSUITE-W

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1

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

Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab**	1

RQ-2016-10-03-29

Date of Request: 12-SEP-2016
Created By: FREDERIC_N On: 12-SEP-2016
Modified By: MATTHEWS_D On: 13-SEP-2016
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Sampling Event: UEC North

Send Coolers To:

Phone: 904-256-1700
8800 Baymeadows Way
Suite 100
Jacksonville, FL 32256
Attn: Nicole Frederick

Send Final Report To:

8800 Baymeadows Way
Suite 100
Jacksonville, FL 32256
Attn: Nicole Frederick

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 13-SEP-2016
Biology Request Reviewed By: MATTHEWS_D On: 13-SEP-2016
Sampling Kit Required: YES Ship on: 23-SEP-2016
Sampling Kit Shipped: YES On: 20-SEP-2016
Sampling Kit Packed By: LASHLEY_C
Preservatives Needed: NO
Date to Receive Samples: 03-OCT-2016
Received By: SHAIK_A On: 13-OCT-2016

Report Type: Final Only
FTP Data: NO
QC Report: YES
Date Log: NO
Authorization Log: NO

Comments: NE ROC

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE	
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L	
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices	
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices	
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm	
Color (true)			
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices	
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices	
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices	
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE	
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry	
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H2SO4	
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L	
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L	
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L	
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices	
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices	
Bottle Type: P-125ML	Number of Bottles: 2	Preserved With: ICE-FLTR	
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE	
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L	
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices	
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices	

Bottle Group B (Water) With 1 Samples:

Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE	
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.))	Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4	
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0)	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0)	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0)	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0)	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00)	Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: ICE-FLTR	
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0)	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ- 2016-10-03-29

Shipping Method: FedEx

Date/Time of Receipt: 10-13-16 / 10:15

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Reg	1.0C	12		✓			8100 1918 1898

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an **NCR**.

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No_____

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes_____ No ✓ **If yes, is it intact?** Yes_____ No_____

**Caps on tight? Yes ✓ No_____ **Containers intact? Yes ✓ No_____

**Sufficient Sample Volume: Yes ✓ No_____

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R					

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA_____ Init: ARB

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA_____ Init: _____

Coolers Unpacked/Checked by: ARB **Date:** 10-13-16 **NCRs (Y/N)?** —

Event ID: UEC North
NE-DIST-2016-10-13-02 (SMP)
Date Received: 13-OCT-2016 10:15

NCR # _____

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes____ No_____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes_____ No_____

If no, were samples shipped on dry ice? Yes_____ No_____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

Additional Comments: