Request Number: RQ-2016-10-17-12

SUW 4

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: JTurnsh/ POconnor

Field Report Prepared By:

Sampling Agency:

Location field ID: G1NE023810182016 — Suwannee at Cone Bridge — storet ID: 21010020

Field ID / STORET #

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10/20/16 Time 935 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2) A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 5.66 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 23.7 | pH: 9.5 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 71

Salinity (ppt): 0.04 | Comments

Location field ID: G1NE0455 10182016 — Jerry Br. at SE CR25A — storet ID: 21020136

Field ID / STORET #

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

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

Matrix (type, e.g., Salt, Fresh, etc): no flow | Diss. Oxygen: ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

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

Salinity (ppt): | Comments

Location field ID: G1NE0250 10182016 — Rocky Cr. at Woodpecker 135 — storet ID: 21010032

Field ID / STORET #

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

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

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

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

Salinity (ppt): | Comments

Location field ID: G1NE0460 10182016 — Suwannee at SR6 — storet ID: 21020141

Field ID / STORET #

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10/20/16 Time 1330 ~~Eastern~~ Central | Composite end ~~Date Time~~ | Bottle Group(s) A

Matrix (type, e.g., Salt, Fresh, etc): SW Fresh | Diss. Oxygen: 7.57 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C): 26.0 | pH: 4.5 | Sample Depth: ☐ ft ☐ m | Sp. Conductance (umho/cm): 58

Salinity (ppt): 0.03 | Comments: DO% 93.5

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
POConnor	10/20/16 1545	FeDEX	2	MB	10/21/16/9:55

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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	3
	W-ICP W-ICPMS						

Request Number: RQ-2016-10-17-12

SUW 4

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: PO'Connor, N. Fredrick

Field Report Prepared By: PO'Connor

Sampling Agency: DEAR WED ROC

Location field ID G1NE0471 10182016 Field ID STORET: Suwannee at Turner bt.rmp storet ID 21020152	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/20/16 Time 1305 Eastern Central	Composite end Date ~~Time~~	Bottle Group(s) (See pg 2) A			
	Matrix (type, e.g., Salt, Fresh, etc) SW Fresh	Diss. Oxygen 5.76 ☐ mg/L ☐ % sat	Total Res. Chlorine ~~(mg/L)~~				
	Temp (C) 24.8	pH 4.5	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 59			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.03	Comments DO% 70.5				
Location Olustee @ 240	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/20/16 Time 1315 Eastern Central	Composite end Date Time	Bottle Group(s) A			
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 5.9 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
STORET # 21030073	Temp (C) 21.2	pH 8.9	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 68			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.04	Comments				
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				
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
				MMB	10/21/16 9:55

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: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 3

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

Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 3

CHLSUITE-W

Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab** 3

W-ICP
W-ICPMS

Group: B Bottle Type: P-500ML # of Bottles: 3 Preservative: ICE And H2SO4 **Enter Number of Bottles Sent to Lab** 3

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

Group: B Bottle Type: P-125ML # of Bottles: 3 Preservative: ICE And H2SO4 **Enter Number of Bottles Sent to Lab** 3

W-NO2NO3-F

Group: B Bottle Type: P-125ML # of Bottles: 3 Preservative: ICE-FLTR **Enter Number of Bottles Sent to Lab** 3

W-PO4-F

RQ-2016-10-17-13

Date of Request: 12-SEP-2016
Created By: FREDERIC_N On: 12-SEP-2016
Modified By: MATTHEWS_D On: 27-SEP-2016
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Sampling Event: SUW 4-SCI

Send Coolers To:

Phone: 904-256-1700
8800 Baymeadows Way W
Suite B 200
Jacksonville, FL 32256-7577
Attn: Nicole Frederick

Send Final Report To:

8800 Baymeadows Way W
Suite B 200
Jacksonville, FL 32256-7577
Attn: Nicole Frederick

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By:
Biology Request Reviewed By: MATTHEWS_D On: 27-SEP-2016
Sampling Kit Required: YES Ship on: 07-OCT-2016
Sampling Kit Shipped: YES On: 07-OCT-2016
Sampling Kit Packed By: KITCHEN_S
Preservatives Needed: NO
Date to Receive Samples: 17-OCT-2016
Received By:

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

Comments:

Bottle Group A (Biological) With 2 Samples:

Bottle Type: PJ-2L Number of Bottles: 4 Preserved With: Formalin
MI-FW-QLDC Template: DEFAULT (SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

RQ- 2016-10-17-13(4) 2016-10-17-12(26)

Log-in Checklist

Shipping Method: Fedex

Date/Time of Receipt: 10/21/16 9:55

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	
Red	2.3	16		✓			8103 9283 9390
Red	2.2	14		✓			8100 1918 2736

*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: MLB

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

Coolers Unpacked/Checked by: MLB **Date:** 10/21/16 **NCRs (Y/N)?** N

Event ID: NE-DIST-2016-10-21-02 **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:

Bowden, Magan

From: Parrish, Jeremy M.
Sent: Friday, October 21, 2016 4:33 PM
To: Bowden, Magan; OConnor, Patrick
Cc: Frederick, Nicole; White, Ramsey
Subject: RE: RQ-2016-10-17-12/RQ-2016-10-17-13

Yes the 10-17-13 should only be two sites for the mi-fw-qldc

Jeremy

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: "Bowden, Magan" <Magan.Bowden@dep.state.fl.us>
Date: 10/21/2016 12:43 PM (GMT-05:00)
To: "Parrish, Jeremy M." <Jeremy.M.Parrish@dep.state.fl.us>, "OConnor, Patrick" <Patrick.OConnor@dep.state.fl.us>
Cc: "Frederick, Nicole" <Nicole.Frederick@dep.state.fl.us>, "White, Ramsey" <Ramsey.White@dep.state.fl.us>
Subject: RQ-2016-10-17-12/RQ-2016-10-17-13

Jeremy/Patrick,

The sample submittal form for RQ-2016-10-17-12 has samples that are labeled RQ-2016-10-17-13 listed on it. Can you please confirm that the samples labeled for RQ-2016-10-17-12 should be logged in for that RQ? RQ-2016-10-17-13 only has MI-FW-QLDC listed. Please let me know if you have any questions or need further explanation.

Thanks,
Magan Bowden
Laboratory Technician IV
DEP-Lab Support
Phone: 850-245-8153
Magan.Bowden@dep.state.fl.us