

Reaves, Shawn D

From: Sewell, Matthew
Sent: Thursday, December 5, 2019 9:03 AM
To: Reaves, Shawn D
Subject: FW: RQ-2019-11-11-35

Importance: High

North Fork SLR @ Marker 4

From: Miranda, Alexander M <Alexander.M.Miranda@FloridaDEP.gov>
Sent: Thursday, December 5, 2019 8:17 AM
To: Sewell, Matthew <Matthew.Sewell@FloridaDEP.gov>
Subject: FW: RQ-2019-11-11-35
Importance: High



Alexander Miranda

Environmental Specialist II
Division of Environmental Assessment and Restoration
Florida Department of Environmental Protection
Alexander.M.Miranda@dep.state.fl.us
Office: 772-448-5882

From: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Sent: Tuesday, December 3, 2019 11:33 AM
To: Miranda, Alexander M <Alexander.M.Miranda@FloridaDEP.gov>
Subject: RQ-2019-11-11-35
Importance: High

Alex,

Can you verify the spelling of the location below?

Thanks

Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite end	
Field ID		Date		Time		Date		Time	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)		Comments					

North Fork SLR @ Marker 4
G2SE0012
G2SE0012
11/22/19
11:35
Brackish
7.20
25.6
7.85
0.3
9.38
1620

Shawn D. Reaves

DEP-Lab Support

Environmental Specialist I

Office: 850-245-8082

Direct: 58082

Email: Shawn.Reaves@FloridaDEP.gov

RQ-2019-11-11-35

Login Checklist

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 11/13/2019 @ 10:10

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
2.4°C				2		x			1190 3162 3800
1.7°C				6		X			1190 3162 3795

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; An NCR still is required.**

Chain of Custody/ Field Sheet(s) Included? Yes ✓ No Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No X**Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X If yes, is it intact? Yes No **Caps on tight? Yes ✓ No **Containers intact? Yes ✓ No **Sufficient Sample Volume: Yes ✓ No CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No X Init: Tyler P.Chlorine detected? (One container checked per Field ID) Yes No Init:

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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

Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No NA Init: Tyler P.W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA X Init: Tyler P.Coolers Unpacked/Checked by: Tyler P. Reynolds Date: 11/13/2019NCRs (Y/N)? NoEvent ID: SMP- SLE Boat Addon
SE-DIST-2019-11-13-03 (SMP)NCR # Date Received: 13-NOV-2019 10:10

Login Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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

Additional Comments:

Infrared Thermometer ID:	REC_11_2019 EXP: 04/24/2019
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	220416A EXP:7/30/20
pH Paper 0 – 13 Lot #	215517 EXP:6/1/20
Chlorine Test Strips Lot #	091417V EXP:9/2021

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ No X

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

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: _____

SMP- SLE Boat Addon

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By: Matt Sewell

Project ID: SMP

Collected By: Alex M. RandelSampling Agency: 21FWPB

Location <u>North Fork SLR Near LOBO</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11/11/19</u> Time <u>1140</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) <u>AB</u>	
Field ID <u>G2SE0054</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Brackish</u>		Diss. Oxygen <u>9.17</u>	☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
WIN/STORET # <u>G2SE0054</u>		Temp (C) <u>25.6</u>	pH <u>7.94</u>	Sample Depth <u>0.3</u>	☐ ft ☐ m	Sp. Conductance (umho/cm) <u>19124</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>11.35</u>	Comments				
Location <u>North Fork SLR @ Marker 14</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11/12/19</u> Time <u>1125</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) <u>BA</u>	
Field ID <u>G2SE0042</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Brackish</u>		Diss. Oxygen <u>7.20</u>	☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
WIN/STORET # <u>G2SE0042</u>		Temp (C) <u>25.6</u>	pH <u>7.85</u>	Sample Depth <u>0.3</u>	☐ ft ☐ m	Sp. Conductance (umho/cm) <u>16202</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>9.38</u>	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)		
WIN/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)		
WIN/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: <u>Julee Reynolds</u>	Date/Time: <u>11/13/19 @ 10:10</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-BR-IC					
	W-F					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ENT-24-QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ENT-24-QT					

Date of Request: 22-OCT-2019
 Created By: SEWELL_M On: 22-OCT-2019
 Modified By: JASROTIA_P On: 23-OCT-2019
 Customer: SE-DIST
 Project: SMP
 Division:
 District: Southeast District
 Sampling Event: SMP- SLE Boat Addon

Send Coolers To:

Phone: (772) 4485883
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 22-OCT-2019
 Biology Request Reviewed By: JASROTIA_P On: 23-OCT-2019
 Sampling Kit Required: YES Ship on: 01-NOV-2019
 Sampling Kit Shipped: YES On: 29-OCT-2019
 Sampling Kit Packed By: ACOSTA_M
 Preservatives Needed: NO
 Date to Receive Samples: 11-NOV-2019
 Received By:

Send Final Report To:

FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

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

Comments: Sampler Comments:
 3194B

2 new sites in North Fork St Lucie River

Sample 2 new sites with RQ-2019-11-11-16
 Sample 2 new sites with RQ-TBD
 Sample all 3 sites as stand alone event

SEND 3 coolers for 3 different events

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide 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 using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-120ML-WC-THI	Number of Bottles: 8	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 4	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: 4	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

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Printed: 11/13/2019 11:56:55 AM

Page 2 of 2

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-120ML-WC-THI	Number of Bottles: 6	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

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