

Reynolds, Tyler

From: DEP-Overflowmicro
Sent: Wednesday, April 12, 2017 1:32 PM
To: Watts, John
Cc: Reynolds, Tyler; OConnor, Patrick
Subject: RE: RQ-04-10-58

Ok, Thanks for keeping me in the loop.

Carina.

From: Watts, John
Sent: Wednesday, April 12, 2017 1:22 PM
To: OConnor, Patrick <Patrick.OConnor@dep.state.fl.us>; Tull, Carina <Carina.Tull@dep.state.fl.us>
Cc: Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>
Subject: RE: RQ-04-10-58

Pat/Carina:

It looks like Pat probably submitted fecals and enteros to ALS for the UEC South sampling event that happened 4/11. The RQ that was used to submit those samples RQ-04-03-18 had been cancelled. The replacement RQ is RQ-04-10-58. The event is NE-DIST-2017-04-12-03. Let me know if there are any questions.

John Watts
Florida DEP Labs
Scientific Support Section
Voice: 850-245-8077
Direct: 58077

From: Watts, John
Sent: Wednesday, April 12, 2017 12:35 PM
To: OConnor, Patrick <Patrick.OConnor@dep.state.fl.us>
Cc: Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>
Subject: RQ-04-10-58

Replacement RQ for UEC South. We'll log in samples using this RQ. Samples received from Group B and C only.

John
Sent using OWA for iPhone

UEC North

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Requester: Nicole Frederick

Field Report Prepared By: B = Dc

Project ID: SMP

Collected By: Brian Davis, Pat O'Conor

Sampling Agency: NED ROC VEAR

Location	Field ID: 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/11/17 Time 9:35	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s) (See pg 2)	
Field ID	G5NE003404112017	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 3.53	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C	
STORET:	Pellicer Creek@ US1	Temp (C) 19.84	pH 6.73	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 2050		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 1.01	Comments			
Location	Field ID: 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/11/17 Time 10:10	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)	
Field ID	G5NE056404112017	Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 6.01	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B	
STORE	Pellicer Creek@ Faver Dykes boat ramp	Temp (C) 22.09	pH 6.73	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 28,100		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 17.21	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date	☐ 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	☐ 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: B = Dc	Date/Time: 4/11/17 1600	Shipping Method: Fedex	Number of Coolers Shipped:	Received By: Tyler J. Davis	Date/Time: 04/12/17 @ 09:50am
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Date of Request: 12-APR-2017
 Created By: WATTS_J On: 12-APR-2017
 Modified By: WATTS_J On: 12-APR-2017
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: UEC South

Send Coolers To:

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

Send Final Report To:

8800 Baymeadows Way W
 Suite B 200
 Jacksonville, FL 32256-7577
 Attn: Jeremy Parrish

Program Module Number:

Priority: 3

Event Status: A

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 12-APR-2017

Biology Request Reviewed By: WATTS_J On: 12-APR-2017

Sampling Kit Required: NO Ship on:

Sampling Kit Shipped:

Sampling Kit Packed By:

Preservatives Needed: NO

Date to Receive Samples: 12-APR-2017

Received By:

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments:

Bottle Group A (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 CaCO ₃ /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-SO ₄ -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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type:	Number of Bottles: 1	Preserved With: ICE
NE-PCE-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by SM9223B Quanti-Tray method by Pace Ormond Beach for Northeast District
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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-PO ₄ -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-125ML	Number of Bottles: 1	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE

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 CaCO ₃ /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 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:	Number of Bottles: 3	Preserved With: ICE
NED-COL-EN	Template: DEFAULT	(ASTM D6503-99) Enterococci by MPN by ALS Environmental Overflow Laboratory for NED
NED-COL-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by ALS Environmental - FL Overflow Laboratories for NED
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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 Group C (Water) With 1 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 2	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-1L	Number of Bottles: 1	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

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

Date of Request: 20-FEB-2017
 Created By: PARRISH_J On: 20-FEB-2017
 Modified By: WATTS_J On: 15-MAR-2017
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: UEC South

Send Coolers To:

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

Program Module Number:
 Priority: 3
 Event Status: X
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-MAR-2017
 Biology Request Reviewed By:
 Sampling Kit Required: YES Ship on: 20-MAR-2017
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: YES
 Date to Receive Samples: 03-APR-2017
 Received By:

Send Final Report To:

8800 Baymeadows Way W
 Suite B 200
 Jacksonville, FL 32256-7577
 Attn: Jeremy Parrish

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

Comments: 1 - case of sulfuric acid

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
Total Alkalinity		
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Turbidity		
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
Chloride		
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)
Fluoride		
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
Sulfate		
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
TDS		
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
TSS		
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Chlorophyll/Phaeophytin Ratio		
Chlorophyll-a, Corrected		
Chlorophyll-a, Uncorrected		
Phaeophytin-a		
Bottle Type: NE-PCE-ECQ	Number of Bottles: 3	Preserved With: ICE
Template: DEFAULT	(SM 9223 Quanti-Tray)	Escherichia coli by SM9223B Quanti-Tray method by Pace Ormond Beach for Northeast District
Escherichia Coli-Quanti-Tray		
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H ₂ SO ₄

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Ammonia-N		
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO2NO3-N		
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Total-P		
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Kjeldahl Nitrogen		
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Organic Carbon		
Bottle Type: P-125ML	Number of Bottles: 3	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
O-Phosphate-P		

Bottle Group B (Water) With 1 Samples:

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
O-Phosphate-P		
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
Total Alkalinity		
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Turbidity		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Fluoride		
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
TSS		
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
Chlorophyll/Phaeophytin Ratio		
Chlorophyll-a, Corrected		
Chlorophyll-a, Uncorrected		
Phaeophytin-a		

Bottle Type:	Number of Bottles: 3	Preserved With: ICE
NED-COL-EN	Template: DEFAULT	(ASTM D6503-99) Enterococci by MPN by ALS Environmental Overflow Laboratory for NED
ENTEROCOCCI-ENTEROLERT		
NED-COL-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by ALS Environmental - FL Overflow Laboratories for NED
Fecal Coliforms-Membrane Filter		

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
Ammonia-N		
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO2NO3-N		
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Total-P		
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Kjeldahl Nitrogen		
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Organic Carbon		

Bottle Group C (Water) With 2 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 4	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
*HF183 - Human Source Marker		

Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-AHERB-AA	Template: SFWMD	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
2,4,5-T		
2,4-D		

Bottle Group C (Water) With 2 Samples:*Sent*

Bottle Type: BG-1L Number of Bottles: 2 Preserved With: ICE
W-AHERB-AA Template: SFWMD (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
 Acifluorfen
 Bentazon
 Silvex
W-SUC-AA-R Template: DEFAULT (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
 *Sucralose
W-UHERB-AA Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS
 *Acetaminophen
 *Carbamazepine
 *Fluridone
 *Primidone
 Diuron
 Fenuron
 Imidacloprid
 Linuron

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

Logged in under RQ 2017-04-10-58

RD- 2017-04-03-18 ^{NR} Log-in Checklist

Shipping Method: Fedex

Date/Time of Receipt: 04/12/17 09:50 am

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	Yes	No		
Red	0.3	7		✓			810392836932

*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	☐	☐	W-CT-CI-R	☐	☐

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: NR

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☐ NA ☒ Init: NR

Coolers Unpacked/Checked by: NR Date: 04/12/17

NCRs (Y/N)? N

Event ID: NE-DIST-2017-04-12-03

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: