

Egan Creek-PO 8/7/17

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Requester: Nicole Frederick

Field Report Prepared By: P. O'Connor

Project ID: SMP

Collected By: B. Davis, P. O'Connor

Sampling Agency: DEAR NED Roc

Location	Egan Creek @ Sadler Rd.		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 08-08-17 Time 1355	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID			Matrix (type, e.g., Salt, Fresh, etc) SURFACE WATER FRESH		Diss. Oxygen 3.53	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #			Temp (C) 29.1	pH 6.95	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 536
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.26	Comments DO% 46		
Location	Egan Creek @ Atlantic		☐ Comp ☐ Grab	Collection (comp begin or grab) Date 08-08-17 Time 1430	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc) SURFACE WATER FRESH		Diss. Oxygen 5.25	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #			Temp (C) 31.8	pH 7.18	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 25,032
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 15.11	Comments DO% 85.2		
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: P. O'Connor	Date/Time 08-08-17 1620	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: J. A.	Date/Time 8/9/17 10:08
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Group: A	Bottle Type: QPCR-P-250ML	# of Bottles: 24	Preservative: ICE	Enter Number of Bottles Sent to Lab 4
	PCR-FILTER			
	PCR-HF183			

Group: A	Bottle Type: BG-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab 2
	W-AHERB-AA			
	W-SUC-AA-R			
	W-UHERB-AA			

Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab 2
	ECOLI-18QT			
	ENT-24-QT			

Date of Request: 20-JUL-2017
 Created By: FREDERIC_N On: 20-JUL-2017
 Modified By: SWANSON_C On: 08-AUG-2017
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: Egan Creek-PO 8/7/17

Send Coolers To:

Phone: 904-807-3300
 8800 Baymeadows Way W
 Suite 100
 Jacksonville, FL 32256-7577
 Attn: Nicole Frederick

Send Final Report To:

8800 Baymeadows Way W
 Suite 100
 Jacksonville, FL 32256-7577
 Attn: Nicole Frederick

Program Module Number:
 Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 07-AUG-2017
 Biology Request Reviewed By: SWANSON_C On: 08-AUG-2017
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 07-AUG-2017
 Received By:

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

Comments: Group A: Tracers and Markers_SMP

Bottle Group A (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
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
Bottle Type: BG-1L	Number of Bottles: 2	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

Bottle Group B (Water) With 1 Samples:

Bottle Type:	Number of Bottles: 2	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
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.

Log-in Checklist

RQ- 2017-08-07-31

Shipping Method: FedEx

Date/Time of Receipt: 8/9/17 10:08

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	3.6°C	8		☒			

*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: J.D.

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

Coolers Unpacked/Checked by: J.D. Date: 8/9/17 NCRs (Y/N)? ☐

Event ID: ME-DIST-2017-08-09-02 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:

01000

FedEx
ExpressPackage
US AirbillFedEx
Tracking
Number

8115 9551 3305

Form
ID No.

0215

Recipient's Copy

1 From

Date 08-08-17

Sender's
Name

PAL. O'Connor

Phone

904 705 7873

Company

DEAR NED ROC

Address

8800 BAYMEADOWS Way W

City

JAY

State

FL

ZIP

32256

2 Your Internal Billing Reference

3 To

Recipient's
Name

SAMPLE RECEIVING

Phone

850 245-8085

Company

FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City TALLAHASSEE

State

FL

ZIP

32399

Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.☐Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.☐

0126912290



8115 9551 3305

4 Express Package Service

* To most locations.

Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

☐ FedEx First Overnight
Earliest next business mor-
ning. Friday shipment
Monday unless Saturday☒ FedEx Priority Overnight
Next business morning. *1
delivered on Monday unit
is selected.☐ FedEx Standard Overnight
Next business afternoon.
Saturday Delivery NOT av-

5 Packaging

☐ FedEx Envelope*

6 Special Handling

☐ Saturday Delivery
NOT available for FedEx☐ No Signature Required
Package may be left with-
out obtaining a signature for

Does this shipment

One box

☒ No ☐ Yes
As per Shipper

Restrictions apply for dangerous:

7 Payment Bill

☐ Sender
Account No. in Section
1 will be billed.

Total Packages To

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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36 TLHA

32399
FL-US
TLHFedEx
TRK#
0215
8115 9551 3305WED - 09 AUG 10:30A
PRIORITY OVERNIGHT

119

fedex.com 1800.GoFedEx 1800.463.3339

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From: [Swanson, Cheryl](#)
To: [Jasrotia, Puja](#); [Greenwood, Jhamieka](#)
Cc: [Watts, John](#)
Subject: RE: RQ-2017-08-07-31
Date: Wednesday, August 9, 2017 3:18:07 PM

Thank you, Puja!

From: Jasrotia, Puja
Sent: Wednesday, August 09, 2017 2:11 PM
To: Greenwood, Jhamieka <Jhamieka.Greenwood@dep.state.fl.us>; Swanson, Cheryl <Cheryl.Swanson@dep.state.fl.us>
Cc: Watts, John <John.Watts@dep.state.fl.us>
Subject: RE: RQ-2017-08-07-31

I went to receiving to see the bottle(labels) and RQ. The RQ has both PCR_FILTER and PCR_HF183 requested for both samples. The sample container has old RQ label with just PCR-FILTER for the first site and PCR-HF183 for the second site which was getting confusing. The Receiving labels that Jhamieka printed also has both components as requested in RQ. We will process the 2 samples for PCR_FILTER and PCR_HF183.

Thanks

Puja

From: Greenwood, Jhamieka
Sent: Wednesday, August 09, 2017 1:58 PM
To: Swanson, Cheryl <Cheryl.Swanson@dep.state.fl.us>; Jasrotia, Puja <Puja.Jasrotia@dep.state.fl.us>
Cc: Watts, John <John.Watts@dep.state.fl.us>
Subject: FW: RQ-2017-08-07-31

Cheryl and Puja,

I sent an email (found below) to the samplers about this RQ. I just need a verification of the PCR tests for these four samples. Can you help with this issue?

Thanks,

Jhamieka Greenwood

Florida DEP Labs

Laboratory Tech IV

Scientific Support

Voice: (850) 245-8153

Direct: 58153

Jhamieka.Greenwood@dep.state.fl.us

From: Greenwood, Jhamieka

Sent: Wednesday, August 9, 2017 11:23 AM

To: Davis, Brian G. <Brian.G.Davis@dep.state.fl.us>; OConnor, Patrick
<Patrick.OConnor@dep.state.fl.us>

Cc: Watts, John <John.Watts@dep.state.fl.us>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>;
White, Ramsey <Ramsey.White@dep.state.fl.us>

Subject: RQ-2017-08-07-31

Good morning,

I have a question about RQ-2017-08-07-31 received today. We received a total of four PCR samples in this RQ. On the back of the field sheet, the tests indicated for these PCR samples are PCR-FILTER and PCR-HF183 for each sample. On the other hand, the sample containers have old RQ labels with tests PCR-FILTER for the first site and PCR-HF183 for the second site. Can you please verify the correct tests for the PCR samples of this RQ? Please let me know if you have any questions.

Thanks,

Jhamieka Greenwood

Florida DEP Labs

Laboratory Tech IV

Scientific Support

Voice: (850) 245-8153

Direct: 58153

Jhamieka.Greenwood@dep.state.fl.us

From: [OConnor, Patrick](#)
To: [Greenwood, Jhamieka](#)
Subject: RE: RQ-2017-08-07-31
Date: Wednesday, August 9, 2017 3:28:40 PM

Good afternoon

The analysis indicated on the submittal sheet is correct .

Sorry for the confusion.

From: Greenwood, Jhamieka
Sent: Wednesday, August 09, 2017 11:23 AM
To: Davis, Brian G. <Brian.G.Davis@dep.state.fl.us>; OConnor, Patrick <Patrick.OConnor@dep.state.fl.us>
Cc: Watts, John <John.Watts@dep.state.fl.us>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; White, Ramsey <Ramsey.White@dep.state.fl.us>
Subject: RQ-2017-08-07-31

Good morning,

I have a question about RQ-2017-08-07-31 received today. We received a total of four PCR samples in this RQ. On the back of the field sheet, the tests indicated for these PCR samples are PCR-FILTER and PCR-HF183 for each sample. On the other hand, the sample containers have old RQ labels with tests PCR-FILTER for the first site and PCR-HF183 for the second site. Can you please verify the correct tests for the PCR samples of this RQ? Please let me know if you have any questions.

Thanks,

Jhamieka Greenwood

Florida DEP Labs

Laboratory Tech IV

Scientific Support

Voice: (850) 245-8153

Direct: 58153

Jhamieka.Greenwood@dep.state.fl.us