

Reaves, Shawn D

From: Paswater, Benjamin
Sent: Tuesday, April 18, 2017 3:32 PM
To: Reaves, Shawn D; Conley, Stephen (Chase)
Subject: RE: RQ-2017-04-03-26

Hi Shawn,

Please just qualify it. We will have to notate it and make up those samples.

Thanks, Ben

From: Reaves, Shawn D
Sent: Thursday, April 13, 2017 12:33 PM
To: Conley, Stephen (Chase) <Stephen.C.Conley@dep.state.fl.us>; Paswater, Benjamin <Benjamin.Paswater@dep.state.fl.us>
Subject: RQ-2017-04-03-26
Importance: High

Chase/Ben,

We received sample for RQ-2017-04-03-26 today that were collected on 4/11/2017. Would you like to have the qualified or would you be resampling?

Shawn D. Reaves
DEP-Lab Support
Lab Tech IV
Office: 850-245-8082
Direct: 58082

SMP: Florida Keys

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Chase Conley

Project ID: SMP

Collected By: Chase Conley, Ben Paswater

Sampling Agency: SOROC

Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date 4/11/17 Time 1130		Eastern Central	Composite end Date Time		Bottle Group(s) (See pg 2)
RQ-2017-04-03-26 4/12/2017 WBID 8073 8073 #5 ENRG1		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		4
G5SD041217-5 Field ID STORET G5SD0066		Temp (C) 23.5	pH 6.3	Sample Depth 0.3	☐ ft ☐ m	Sp. Conductance (umho/cm) 50356		
☐ dd ☐ dms		Salinity (ppt)		Comments				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time		Eastern Central	Composite end Date Time		Bottle Group(s)
RQ-2017-04-03-26 4/12/2017 WBID 8079 8079-ENRG3 South of Stock Island		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
G5SD041217-6 Field ID STORET G5SD0067		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
☐ dd ☐ dms		Salinity (ppt)		Comments				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time		Eastern Central	Composite end Date Time		Bottle Group(s)
RQ-2017-04-03-26 4/12/2017 WBID 8079 8079-ENRG6 Out by reef		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
G5SD041217-7 Field ID STORET G5SD0068		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
☐ dd ☐ dms		Salinity (ppt)		Comments				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time		Eastern Central	Composite end Date Time		Bottle Group(s)
RQ-2017-04-03-26 4/12/2017 WBID 8080 8080-ENRG6 Out by reef		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
G5SD041217-8 Field ID STORET G5SD0069		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
☐ dd ☐ dms		Salinity (ppt)		Comments				

Relinquished By: Chase Conley	Date/Time 4/11/17 1600	Shipping Method Fedex	Number of Coolers Shipped: 1	Received By: SR	Date/Time 4-13-17/10:10
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SMP: Florida Keys

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By: Chase Conley, Ben Paswater

Sampling Agency:

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/11/17 Time 1220	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
RQ-2017-04-03-26 4/12/2017 WBID 8073 8073 #1 South of Ft. Zach		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 9.3	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G5SD041217-1 Field ID STORET G5SD0062		Temp (C) 24.7	pH 7.0	Sample Depth 0.3	☒ ft ☐ m	Sp. Conductance (umho/cm) 50559
☐ dd ☐ dms		Salinity (ppt)	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/11/17 Time 1240	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-04-03-26 4/12/2017 WBID 8073 8073 #2		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.2	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G5SD041217-2 Field ID STORET G5SD0063		Temp (C) 24.6	pH 7.2	Sample Depth 0.3	☒ ft ☐ m	Sp. Conductance (umho/cm) 50675
☐ dd ☐ dms		Salinity (ppt)	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-04-03-26 4/12/2017 WBID 8073 8073 #3 ENRG6		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G5SD041217-3 Field ID STORET G5SD0064		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
☐ dd ☐ dms		Salinity (ppt)	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-04-03-26 4/12/2017 WBID 8073 8073 #4 ENRG2		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G5SD041217-4 Field ID STORET G5SD0065		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
☐ dd ☐ dms		Salinity (ppt)	Comments			

Relinquished By: Chase Conley	Date/Time 4/11/17 1600	Shipping Method Fedex	Number of Coolers Shipped: 1	Received By: SR	Date/Time 4-13-17/10:10
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Group: A	Bottle Type: P-1L	# of Bottles: 13	Preservative: ICE	Enter Number of Bottles Sent to Lab
ALKALINITY				
TURBIDITY				
W-F				
W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 13	Preservative: ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W				
Group: A	Bottle Type: P-500ML	# of Bottles: 13	Preservative: HNO3	Enter Number of Bottles Sent to Lab
W-ICP				
W-ICPMS				
Group: A	Bottle Type: P-500ML	# of Bottles: 13	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: 13	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab
W-PO4-F				

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Project ID: SMP

Requester: Benjamin Paswater

Field Report Prepared By: Chase Conley

Collected By: Chase Conley Ben Paswater

Sampling Agency: SOROC

Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)
RQ-2017-04-03-26 4/12/2017 WBID 8080 8080-ENRG3 Nearshore		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
Field ID G5SD041217-9 STORET G5SD0070		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
☐ dd ☐ dms		Salinity (ppt)	Comments					
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s)
RQ-2017-04-03-26 4/12/2017 WBID 8073 8073 - ENRG2 Bayside #2		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
Field ID G5SD041217-11 STORET G5SD0082		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
☐ dd ☐ dms		Salinity (ppt)	Comments					
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/11/17 Time 1300		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s)
RQ-2017-04-03-26 4/12/2017 WBID 8073 8073 - ENG4 W of KeyWest #2		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.3	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
Field ID G5SD041217-10 STORET G5SD0081		Temp (C) 24.7	pH 7.3	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 50530		
☐ 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: Chase Conley	Date/Time 4/11/17 1600	Shipping Method Fedex	Number of Coolers Shipped: 1	Received By: SR	Date/Time 4-13-17 1040
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Date of Request: 02-MAR-2017
 Created By: PASWATER_B On: 02-MAR-2017
 Modified By: MATTHEWS_D On: 14-MAR-2017
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP: Florida Keys

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 13-MAR-2017
 Biology Request Reviewed By: MATTHEWS_D On: 14-MAR-2017
 Sampling Kit Required: YES Ship on: 22-MAR-2017
 Sampling Kit Shipped: YES On: 22-MAR-2017
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 03-APR-2017
 Received By: SHAIK_A On: 12-APR-2017

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

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

Comments: SMP: Florida Keys

Bottle Group A (Water) With 13 Samples:

Bottle Type: P-1L	Number of Bottles: 13	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: 13	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: 13	Preserved With: HNO ₃
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Chromium		
Iron		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Copper		
Lead		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 13	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: 13	Preserved With: ICE-FLTR

Bottle Group A (Water) With 13 Samples:

Bottle Type: P-125ML Number of Bottles: 13 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

RQ-2017-04-03-26

Log-in Checklist

Shipping Method: FedDate/Time of Receipt: 4-13-17/10:10

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		Tracking # (fill out only if waybill copy is damaged)	
			Present? Yes	No	*Intact? Yes	No
Red	0.4	20		☒		

*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-Cl-R		

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

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

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

Coolers Unpacked/Checked by: SR Date: 4-13-17

NCRs (Y/N)? Y

Event ID: SO-DIST-2017-04-13-02

NCR # 6362

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:

ALIGN OPEN END OF FEDEX AIRBILL POUCH HERE

00240

01000

03449

fedex.com 1800.GoFedEx 1800.463.3339

00225007

FedEx Package
Express US Airbill

FedEx
Tracking
Number

8111 7111 2413

1 From Date 4/11/17

Sender's Name Chase County Phone 231 347 5643

Company FL DEP

Address 2275 Victoria Ave Suite 264 Dept/Floor/Suite/Room

City Ft. Myers State FL ZIP 33901

2 Your Internal Billing Reference

3 To Recipient's Name

Phone 850 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD 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 32399-6542

0125636852



8111 7111 2413

MUR4

0215

4 Express Package Service * To meet locations

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

Next Business Day

- ☐ FedEx First Overnight
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☒ FedEx Priority Overnight
Next business morning * Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ FedEx Standard Overnight
Next business afternoon * Saturday Delivery NOT available.

2 or 3 Business Days

- ☐ FedEx 2Day A.M.
Second business morning * Saturday Delivery NOT available.
- ☐ FedEx 2Day
Second business afternoon * Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ FedEx Express Saver
Third business day * Saturday Delivery NOT available.

5 Packaging * Declared value limit \$500

- ☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required
Package may be left without obtaining a signature for delivery.

☐ Direct Signature
Someone at recipient's address may sign for delivery.

☐ Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?

- One box must be checked.
- ☒ No ☐ Yes As per attached Shipper's Declaration ☐ Yes Shipper's Declaration not required ☐ Dry Ice Dry Ice & UN 1845 ☐ Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip. Acct. No. ☐

- ☐ Sender Acct. No. in Section I will be billed ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages 1 Total Weight 16 lbs. Credit Card Auth. 611

*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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