

RQ-2017-08-28-43

Request Number: ~~RQ-2017-08-28-43~~

Florida Department of Environmental Protection

Page 1 of 2

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: Se Roe

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/30/17 Time 1200		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s) (See pg 2)
RQ-2017-08-28-43 8/30/2017 WBID 8079 8079 @ ENRG3 Nearshore #2		G5SD083017-5 Field ID STORET G5SD0084		Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 6.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
		Temp (C) 31.0	pH 7.9	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	55352	
		☐ dd ☐ dms	Salinity (ppt)	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/30/17 Time 1240		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s)
RQ-2017-08-28-43 8/30/2017 WBID 8079 8079 @ ENRG6 Out by Reef #1		G5SD083017-6 Field ID STORET G5SD0068		Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 6.4	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
		Temp (C) 30.8	pH 8.2	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	55005	
		☐ dd ☐ dms	Salinity (ppt)	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/30/17 Time 1300		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s)
RQ-2017-08-28-43 8/30/2017 WBID 8079 8079 @ ENRG6 Out by Reef #2		G5SD083017-7 Field ID STORET G5SD0085		Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 6.8	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
		Temp (C) 31.0	pH 8.2	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	55082	
		☐ dd ☐ dms	Salinity (ppt)	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/30/17 Time 1335		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s)
RQ-2017-08-28-43 8/30/2017 WBID 8080 8073 @ ENRG6 Out by Reef #2 DUP		G5SD083017-8 Field ID STORET G5SD0083 DUP		Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
		Temp (C)	pH	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)		
		☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: SR	Date/Time
					8.31.17/10:15

Group: A	Bottle Type: P-1L	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab
ALKALINITY TURBIDITY W-F W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W				
Group: A	Bottle Type: P-500ML	# of Bottles: 14	Preservative: HNO3	Enter Number of Bottles Sent to Lab
W-ICP W-ICPMS				
Group: A	Bottle Type: P-500ML	# of Bottles: 14	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: 14	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab
W-PO4-F				

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Request Number: ~~RQ-2017-08-28-43~~

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last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Chase Conley

Project ID: SMP

Collected By: Chase Conley, Bm Paswater

Sampling Agency: SOROC

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/30/17 Time 1420	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
RQ-2017-08-28-43 8/30/2017 WBID 8073 8073 @ ENRG4 W of Keywest #2	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 6.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
G5SD083017-1 Field ID STORET G5SD0081	Temp (C) 31.6	pH 8.2	Sample Depth 0.3	Sp. Conductance (umho/cm) 56113	
☐ dd ☐ dms	Salinity (ppt)	Comments			
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/30/17 Time 1340	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-08-28-43 8/30/2017 WBID 8073 8073 @ ENRG6 Out by Reef #1	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 6.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
G5SD083017-2 Field ID STORET G5SD0064	Temp (C) 31.1	pH 8.2	Sample Depth 0.3	Sp. Conductance (umho/cm) 54702	
☐ dd ☐ dms	Salinity (ppt)	Comments			
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/30/17 Time 1350	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-08-28-43 8/30/2017 WBID 8073 8073 @ ENRG6 Out by Reef #2	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 6.7	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
G5SD083017-3 Field ID STORET G5SD0083	Temp (C) 31.8	pH 8.3	Sample Depth 0.3	Sp. Conductance (umho/cm) 54725	
☐ dd ☐ dms	Salinity (ppt)	Comments			
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/30/17 Time 1510	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-08-28-43 8/30/2017 WBID 8079 8079 @ ENRG3 S of Stock Island	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 6.4	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
G5SD083017-4 Field ID STORET G5SD0067	Temp (C) 32.7	pH 8.1	Sample Depth 0.3	Sp. Conductance (umho/cm) 55428	
☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By: Chase Conley	Date/Time: 8/30/17 1730	Shipping Method: FedEx	Number of Coolers Shipped: 3	Received By: SR	Date/Time: 8/31-17/10:15
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Group: A Bottle Type: P-1L # of Bottles: 14 Preservative: ICE Enter Number of Bottles Sent to Lab _____

ALKALINITY
TURBIDITY
W-F
W-TSS

Group: A Bottle Type: BP-1L # of Bottles: 14 Preservative: ICE Enter Number of Bottles Sent to Lab _____

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 14 Preservative: HNO3 Enter Number of Bottles Sent to Lab _____

W-ICP
W-ICPMS

Group: A Bottle Type: P-500ML # of Bottles: 14 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: 14 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab _____

W-PO4-F

Date of Request: 22-AUG-2017
 Created By: PASWATER_B On: 22-AUG-2017
 Modified By: SWANSON_C On: 23-AUG-2017
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP: Florida Keys #9

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: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 23-AUG-2017
 Biology Request Reviewed By: SWANSON_C On: 23-AUG-2017
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 28-AUG-2017
 Received By:

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 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	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-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: 6	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 6	Preserved With: HNO3
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: 6	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 Group A (Water) With 6 Samples:

Bottle Type: P-125ML Number of Bottles: 6 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

Log-in Checklist

RQ 2017-08-28-43

Shipping Method: FedEx

Date/Time of Receipt: 8-31-17/1015

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	-0.1	13		✓			
Red	1.4	12		✓			
Red	1.9	15		✓			

*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: 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: 8-31-17 NCRs (Y/N)? N

Event ID: SO-DIST-2017-08-31-01 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:

ORIGIN ID: MTHA

UNITED STATES US

TO SAMPLE RECEIVING

FLORIDA DEP/CHEMISTRY

TALLAHASSEE

32399

(850) 245-8086

REF: 0215

DEPT: 1

SHIP DATE: 30AUG17
ACTWGT: 63.90 LB
CNO: 7051802
DIMS: 24X15X14 IN
BILL RECIPIENT

36 TLHA

TRK# 8119 3898 7975

THU - 31 AUG 10:30A
PRIORITY OVERNIGHT

FL-US TLH 32399



Part # 156297-435 RIT2 EXP 04/18 ** 08/30 54911/1545 08/30 159488



Package US Airbill

FedEx Tracking Number 8119 3898 7975

1 From
Date: [Redacted]
Sender's Name: [Redacted] Phone: [Redacted]
Company: [Redacted]
Address: [Redacted] Dept./Floor/Suite/Room: [Redacted]
City: [Redacted] State: [Redacted] ZIP: [Redacted]

2 Your Internal Billing Reference

3 To
Recipient's Name: SAMPLE RECEIVING Phone: 850/245-8086
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: [Redacted]
Address: [Redacted]
Use this line for the HOLD location address or for continuation of your shipping address.
City: TALLAHASSEE State: FL ZIP: 32399-6542

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.

Form ID No. 0215

4 Express Package Service *To most locations. **Package up to 150 lbs.**
For package over 150 lbs., use 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, 6 UN 1845 x kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide. ☐ Cargo Aircraft Only

7 Payment Bill to:

Sender: [Redacted] ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

Total Packages: 262 Total Weight: 64 lbs.

Credit Card Auth: [Redacted]



8119 3898 7975

ALIGN OPEN END OF FLAT MAIL HERE

ALIGN FEDEX AIRBILL POUCH HERE

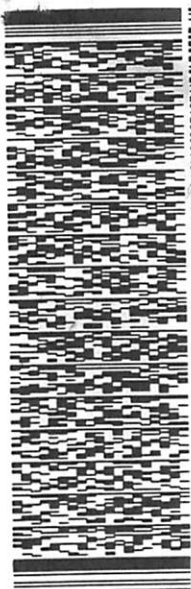


36 TLHA

TRK# 8111 7111 4254
0215

THU - 31 AUG 10:30A
PRIORITY OVERNIGHT

FL-US TLH 32399



FedEx Express
J172017062901uv

TALLAHASSEE FL 32399
REF: (850) 245-8086

DEPT:

UNITED STATES US

ORIGIN ID: MTHA

SHIP DATE: 30AUG17
ACTWT: 59.00 LB
CDD: POST1602
DIRS: 24X15X14 IN
BILL RECIPIENT

Part # 156297-435 RIT2 EXP 04/18 *
159488 08/30 549J17/19/104C

FedEx Express

Package US Airbill

FedEx Tracking Number

8111 7111 4254

Form No. 0215

Recipient's Copy

From
Date
Sender's Name
Company
Address
City
State
ZIP
Your Internal Billing Reference

To Recipient's Name
Company
Address
City
State
ZIP
Phone
Hold Weekday
Hold Saturday
Use this line for the HOLD location address or for continuation of your shipping address.

4 Express Package Service
Next Business Day
2 or 3 Business Days
5 Packaging
6 Special Handling and Delivery Signature Options
7 Payment Bill to:



fedex.com 1800.GoFedEx 1800.463.3339

ALIGN FEDEX AIRBILL POUCH HERE

ORIGIN ID:MTHA

UNITED STATES US

TO

FLORIDA DEP
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8085

REF:

DEPT:



FedEx
Express

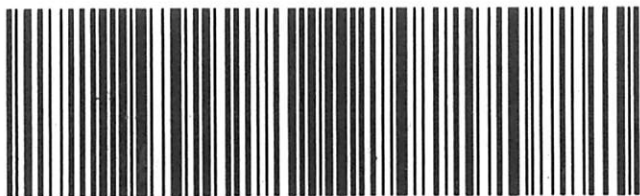


TRK# 8104 1405 8705
0215

36 TLHA

THU - 31 AUG 10:30A
PRIORITY OVERNIGHT

32399
FL-US TLH



Part # 156297-435 RIT2 EXP 04/18 **
e159488 08/30 54911/11/19/104C

SHIP DATE: 30AUG17
ACTWGT: 43.80 LB
CAD: POS1802
DIMS: 24x15x14 IN

BILL RECIPIENT

FROM

Date

Sender's Name

Company

Address

City

Your Internal Billing Reference

To Recipient's Name

Company FLORIDA DEP

Address 2600 BLAIRSTONE RD

City TALLAHASSEE

State FL

ZIP 32399-6542

Phone (850) 245-8085

Address

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

City TALLAHASSEE

State FL

ZIP 32399-6542

0124452251

Package
US Airbill

1 B 10:30 8105 08:31

Form ID No. 0215

4 Express Package Service

Next Business Day

FedEx First Overnight

FedEx 2Day A.M.

FedEx 2Day

FedEx Standard Overnight

FedEx Express Saver

2 or 3 Business Days

Special Handling and Delivery Signature Options

5 Packaging

6 Payment Bill to:

7 Payment Bill to:

8 Payment Bill to:

9 Payment Bill to:

10 Payment Bill to:

11 Payment Bill to:

12 Payment Bill to:

13 Payment Bill to:

14 Payment Bill to:

15 Payment Bill to:

Recipient's Copy

Packages up to 150 lbs.

For more information, see the FedEx Express Freight to Retail.

2 or 3 Business Days

FedEx 2Day A.M.

FedEx 2Day

FedEx Standard Overnight

FedEx Express Saver

Special Handling and Delivery Signature Options

5 Packaging

6 Payment Bill to:

7 Payment Bill to:

8 Payment Bill to:

9 Payment Bill to:

10 Payment Bill to:

11 Payment Bill to:

12 Payment Bill to:

13 Payment Bill to:

14 Payment Bill to:

15 Payment Bill to:

16 Payment Bill to: