

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:

Sampling Agency:

Location	RQ-2016-08-02-09		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/22/16 Time 1320	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	8/22/2016 WBID 6019	G5SD0073 Field ID ▲ STORET ▼ G5SD0073	Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 6.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	Indian Key Fill at SW End		Temp (C) 32.9	pH 7.8	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 52965	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 35.4	Comments			
Location	RQ-2016-08-02-09		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/22/16 Time 1430	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
Field ID	8/22/2016 WBID 6011C Grassy Key @	FLKEYS0022FTM Field ID ▲ STORET ▼ SPFLKEYS0022FTM	Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 3.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	Curry Hammock Creek		Temp (C) 32.5	pH 7.6	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 56340	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 37.2	Comments			
Location	RQ-2016-08-02-09		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/22/16 Time 1600	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
Field ID	8/22/2016 WBID 6012C	G5SD0071 Field ID ▲ STORET ▼ G5SD0071	Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.3	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	6012C by Bridge No Name Key		Temp (C) 33.7	pH 8.0	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 55243	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 36.3	Comments 126% sat			
Location	RQ-2016-08-02-09		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/22/16 Time 1610	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
Field ID	8/22/2016	G5SD-Blank1 Field ID ▲ STORET ▼ Blank	Matrix (type, e.g., Salt, Fresh, etc) Debris		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	Field Blank		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:	Date/Time
Corey Anderson	8/22/16 1730	Fedex	1	SL	8/23/16/10:15

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					

Date of Request: 06-JUL-2016
 Created By: PASWATER_B On: 06-JUL-2016
 Modified By: MATTHEWS_D On: 03-AUG-2016
 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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 02-AUG-2016
 Biology Request Reviewed By: MATTHEWS_D On: 03-AUG-2016
 Sampling Kit Required: YES Ship on: 12-AUG-2016
 Sampling Kit Shipped: YES On: 12-AUG-2016
 Sampling Kit Packed By: LASHLEY_C
 Preservatives Needed: YES
 Date to Receive Samples: 22-AUG-2016
 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: Florida Keys (Salt Water D Kit)

1 - 60ml bottle of sulfuric acid, 10 pipettes OR 1 case of vials
 1 - case of nitric acid

Bottle Group A (Water) With 14 Samples:

Bottle Type: P-1L	Number of Bottles: 14	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: 14	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: 14	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: 14	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

Bottle Group A (Water) With 14 Samples:

Bottle Type: P-500ML	Number of Bottles: 14	Preserved With: ICE And H2SO4
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: 14	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- 2016-08-22-09

Log-in Checklist

Shipping Method: FedexDate/Time of Receipt: 8-23-16/10:15

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	2.9	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					

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

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

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

Coolers Unpacked/Checked by: SK Date: 8-23-16

NCRs (Y/N)? N

Event ID: SO-DIST-2016-08-23-01

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:

01000

FedEx Package
Express US Airbill
FedEx
Tracking
Number

8085 0983 4287

Form
ID No.

0215

Recipient's Copy

1 From [REDACTED]
 Date 8/22/16
 Sender's Name Corey Anderson Phone 239 344 5610
 Company Florida DEP
 Address 2600 Blairstone Rd
 City Tallahassee State FL ZIP 32399

2 Your Internal Billing Reference
 3 To Recipient's Name SAMPLE RECEIVING Phone 850 245-8085

4 Express Package Service * To most locations.
 NOTE: Service order has changed. Please select carefully.

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 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. * Friday shipments will be
 delivered on Monday unless SATURDAY Delivery
 is selected.

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

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

☒ No Signature Required
 Packages may be left without
 obtaining a signature for delivery.

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

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

Does this shipment contain dangerous goods?

One box must be checked.
☒ No ☐ Yes
 As per attached
 Shipper's Declaration.

☐ Dry Ice
 Dry ice, 9 UN 1845
☐ Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging
 or placed in a FedEx Express Drop Box.

7 Payment Bill to:

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

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

☒ Recipient

☐ Third Party

☐ Credit Card

Obtain recip.
 Acct. No.

☐ Cash/Check

Total Packages

Total Weight

Credit Card Acct.

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

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FLORIDA DEP/CHEMISTRY SECTION
 Company

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

Address
 Use address for the HOLD location address or for continuation of your shipping address.
 City TALLAHASSEE

Dept./Floor/Suite/Room

State

FL

ZIP

32399-6542

0119899133



83 4287

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