

SMP: Florida Keys

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Ben Paswater

Project ID: SMP

Collected By:

Ben Paswater, Chris Link

Sampling Agency:

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date 5/9/16 Time 1410	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
RQ-2016-05-09-12 5/6/2016 Field Blank	G5SD-Blank1 Field ID Blank	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
	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 5/9/16 Time 1355	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
RQ-2016-05-09-12 5/6/2016 WBID 6019 Indian Key Fill at SW End	G5SD0073 Field ID G5SD0073	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 13.3% ☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
	Temp (C) 26	pH 7.9	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 56,371	
	☐ dd ☐ dms	Salinity (ppt)	Comments D.O. mg/L 8.7		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/9/16 Time 1400	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
RQ-2016-05-09-12 5/6/2016 WBID 6019 Indian Key Fill at SW End DUPL	G5SD0073 Field ID G5SD0073	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
	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 5/9/16 Time 1540	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
RQ-2016-05-09-12 5/6/2016 WBID 6011C Grassy Key @ Curry Hammock Creek	FLKEYS0022FTM Field ID FLKEYS0022FTM	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 7.3 ☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
	Temp (C) 25.9	pH 7.5	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 58542	
	☐ dd ☐ dms	Salinity (ppt)	Comments D.O. mg/L 4.7		

Relinquished By: Ben Paswater	Date/Time 5/9/16 1740	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: JK	Date/Time 5-10-16/9:48
----------------------------------	--------------------------	--------------------------	---------------------------------	--------------------	---------------------------

Group: A	Bottle Type: P-1L	# of Bottles: 16	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
ALKALINITY TURBIDITY W-F W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 16	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
CHLSUITE-W					
Group: A	Bottle Type: P-500ML	# of Bottles: 16	Preservative: HNO3	Enter Number of Bottles Sent to Lab	4
W-ICP W-ICPMS					
Group: A	Bottle Type: P-500ML	# of Bottles: 16	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type: P-125ML	# of Bottles: 16	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	4
W-PO4-F					

SMP: Florida Keys

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: BP

Project ID: SMP

Collected By: BP

Sampling Agency:

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/9/16 Time 16:40	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
RQ-2016-05-09-12 WBID 6012C 6012C by Bridge No Name Key		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.5 127%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
G5SD0071 Field ID STORET G5SD0071		Temp (C) 25.5	pH 7.9	Sample Depth 0.3	☐ ft ☐ m	Sp. Conductance (umho/cm) 55203
☐ dd ☐ dms		Salinity (ppt)	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
		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)
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)
☐ dd ☐ dms		Salinity (ppt)	Comments			
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments

Relinquished By: BP	Date/Time: 5/9/16 1740	Shipping Method: Fed E	Number of Coolers Shipped: 2	Received By: SK	Date/Time: 5-10-16/9:48
---------------------	------------------------	------------------------	------------------------------	-----------------	-------------------------

* collection time written by S. Kitchen + taken for from
containers

Group: A	Bottle Type:	P-1L	# of Bottles: 16	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					

Group: A	Bottle Type:	BP-1L	# of Bottles: 16	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					

Group: A	Bottle Type:	P-500ML	# of Bottles: 16	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					

Group: A	Bottle Type:	P-500ML	# of Bottles: 16	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: 16	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

Printed: 5/10/2016 10:37:06 AM

Page 1 of 2

Date of Request: 11-APR-2016
 Created By: PASWATER_B On: 11-APR-2016
 Modified By: WATTS_J On: 20-APR-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: 20-APR-2016

Biology Request Reviewed By: SWANSON_C On: 13-APR-2016

Sampling Kit Required: YES Ship on: 02-MAY-2016

Sampling Kit Shipped: YES On: 02-MAY-2016

Sampling Kit Packed By: SHAIK_A

Preservatives Needed: YES

Date to Receive Samples: 09-MAY-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 - case of Sulfuric acid

1 - case of Nitric acid

Bottle Group A (Water) With 16 Samples:

Bottle Type: P-1L	Number of Bottles: 16	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: 16	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: 16	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: 16	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 16 Samples:

Bottle Type: P-500ML	Number of Bottles: 16	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: 16	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- 2016-05-09-12

Shipping Method: Fedex

Date/Time of Receipt: 5-10-16/9:48

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		
Blue	2.4	15		✓			
Red	2.3	10		✓			

*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: 5-10-16

NCRs (Y/N)? N

Event ID: SO-DIST-2016-05-10-01

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:

00204

01000

16429

fedex.com 1800.GoFedEx 1800.463.3339

05943033

FedEx
ExpressPackage
US AirbillFedEx
Tracking
Number

8099 4719 4189

1 From

Date

5/9/16

Sender's
Name

Ben Pagnater

Phone

317 384 5136

Company

F-DEP South

Address

2295 Victoria Ave.

City

Fort Myers

State

FL

ZIP

33407

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

32397

0122645602



8099 4719 4189

Form
ID No.

0215

Recipient's Copy

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 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?

☒ No ☐ Yes ☐ Yes ☐ YesOne box must be checked.
As per attached
Shipper's Declaration.Shipper's Declaration
not required.☐ Dry Ice
Dry Ice, 9, UN 1845 x kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

☐ 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
1 will be billed.☒ Recipient☐ Third Party☐ Credit Card☐ Cash/Check

Total Packages

Total Weight

Credit Card Auth.

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

611

fedex.com 1800.GoFedEx 1800.463.3339

00205

01000

FedEx Package
Express US Airbill
FedEx
Tracking
Number

8099 4719 4190

16429

1 From

Date

Sender's
Name

Company

Address

City

State

ZIP

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

0122645602



8099 4719 4190

Form
ID No.

0215

Recipient's Copy

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 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?

☒ No ☐ Yes

One box must be checked.

☐ No ☐ Yes

As per attached Shipper's Declaration.

☐ Shipper's Declaration not required.☐ Dry Ice

Dry Ice, 8 UN 1845

x kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

☐ 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

Total Weight

Credit Card Auth.

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

611

Rev. Date 5/15 • Part #103134 • ©1994-2015 FedEx • PRINTED IN U.S.A. 1084

fedex.com 1800.GoFedEx 1800.463.3339

05943033

fedex.com 1800.GoFedEx 1800.463.3339