

Florida Department of Environmental Protection

Central Laboratory Submittal Form

SMP: Florida Keys

Customer: SO-DIST

Project ID: SMP

Requester: Benjamin Paswater

Field Report Prepared By: Chen LongCollected By: Ben Paswater Chen LongSampling Agency: SOROC

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/31/17</u> Time <u>1520</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
RQ-2017-05-29-32 5/31/2017 WBID 8073 8073 @ ENRG4 W of Keywest #2	G5SD053117-3 Field ID STORET G5SD0081	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
	Temp (C)	pH	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) ☐ ft ☒ m	
	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/31/17</u> Time <u>1510</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
RQ-2017-05-29-32 5/31/2017 WBID 8073 8073 @ ENRG4 W of Keywest #1	G5SD053117-2 Field ID STORET G5SD0063	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
	Temp (C)	pH	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) ☐ ft ☒ m	
	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/31/17</u> Time <u>1220</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
RQ-2017-05-29-32 5/31/2017 WBID 8073 8073 #1 South of Ft. Zach	G5SD053117-1 Field ID STORET G5SD0062	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
	Temp (C)	pH	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) ☐ ft ☒ m	
	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/31/17</u> Time _____	☐ Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
RQ-2017-05-29-32 5/31/2017 WBID 8073 8073 @ ENRG1 N of Dredgers Key	G5SD053117-8 Field ID STORET G5SD0066	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm) ☐ ft ☐ m	
	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: <u>SK</u>	Date/Time: <u>5/31/17 1800</u>	Shipping Method: <u>Index</u>	Number of Coolers Shipped: <u>3</u>	Received By: <u>ATG</u>	Date/Time: <u>6-1-17 1020</u>
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No sample received
6-1-17

Group: A	Bottle Type:	P-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	10
	ALKALINITY TURBIDITY W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab	10
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 15	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	10
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 15	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	10
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 15	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	10
	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: Chase Conley

Project ID: SMP

Collected By: Ben Paswater, Chase Conley

Sampling Agency: SOROC

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/17 Time 1440	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
RQ-2017-05-29-32 5/31/2017 WBID 8073 8073 @ ENRG6 Out by Reef #1	G5SD053117-4 Field ID STORET G5SD0064	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
	Temp (C)	pH	Sample Depth 0.3	Sp. Conductance (umho/cm)	
	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/17 Time 1450	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-05-29-32 5/31/2017 WBID 8073 8073 @ ENRG6 Out by Reef #2	G5SD053117-5 Field ID STORET G5SD0083	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	Sp. Conductance (umho/cm)	
	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date 5-31-17 Time 11:20	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-05-29-32 5/31/2017 WBID 8073 8073 @ ENRG2 Bayside #1	G5SD053117-6 Field ID STORET G5SD0065	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/17 Time 1100	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-05-29-32 5/31/2017 WBID 8073 8073 @ ENRG2 Bayside #2	G5SD053117-7 Field ID STORET G5SD0082	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	Sp. Conductance (umho/cm)	
	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Sample received by G-1-17.
collection date and time from containers.

SMP: Florida Keys

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Chase Conly

Project ID: SMP

Collected By: Chase Conly B. Paswater

Sampling Agency: SOROL

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/17 Time 1400	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
RQ-2017-05-29-32 5/31/2017 WBID 8079 8079 @ ENRG6 Out by Reef #1		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G5SD053117-11 Field ID STORET G5SD0068		Temp (C)		pH	Sample Depth 0.3
	☐ dd ☐ dms	Salinity (ppt)		Sp. Conductance (umho/cm)	A
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/17 Time 1230	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-05-29-32 5/31/2017 WBID 8079 8079 @ ENRG3 Nearshore #2		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G5SD053117-10 Field ID STORET G5SD0084		Temp (C)		pH	Sample Depth 0.3
	☐ dd ☐ dms	Salinity (ppt)		Sp. Conductance (umho/cm)	A
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/17 Time 1340	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-05-29-32 5/31/2017 WBID 8079 8079 @ ENRG6 Out by Reef #2		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G5SD053117-12 Field ID STORET G5SD0085		Temp (C)		pH	Sample Depth 0.3
	☐ dd ☐ dms	Salinity (ppt)		Sp. Conductance (umho/cm)	A
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/17 Time 1310	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-05-29-32 5/31/2017 WBID 8079 8079 @ ENRG3 S of Stock Island		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G5SD053117-9 Field ID STORET G5SD0067		Temp (C)		pH	Sample Depth 0.3
	☐ dd ☐ dms	Salinity (ppt)		Sp. Conductance (umho/cm)	A

Relinquished By:	Date/Time 5/31/17 1800	Shipping Method Index	Number of Coolers Shipped: 3	Received By:	Date/Time 6-1-17/1020
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Printed: 6/1/2017 14:49:59

Page 1 of 2

Date of Request: 10-MAY-2017
 Created By: PASWATER_B On: 10-MAY-2017
 Modified By: SWANSON_C On: 16-MAY-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: 15-MAY-2017
 Biology Request Reviewed By: SWANSON_C On: 16-MAY-2017
 Sampling Kit Required: YES Ship on: 18-MAY-2017
 Sampling Kit Shipped: YES On: 18-MAY-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: YES
 Date to Receive Samples: 29-MAY-2017
 Received By: SHAIK_A On: 01-JUN-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

1 - case Sulfuric Acid

Bottle Group A (Water) With 15 Samples:

Bottle Type: P-1L	Number of Bottles: 15	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: 15	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: 15	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: 15	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

Bottle Group A (Water) With 15 Samples:

Bottle Type: P-500ML	Number of Bottles: 15	Preserved With: ICE And H2SO4
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 15	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-2017-05-29-32

Shipping Method: Red Exp

Date/Time of Receipt: 06-01-17/10:20

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
Red	2.1C	15			☒		
Red	1.7C	19			☒		
Red	1.1C	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-CI-R		

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

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

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

Coolers Unpacked/Checked by: ABP Date: 6-1-17 NCRs (Y/N)? —

Event ID: SMP: Florida Keys NCR # —

Date Received: 01-JUN-2017 10:20

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:

FedEx Package
Express US Airbill

8104 1405 8690

0215

From

Date

Sender's
Name

Company

Address

City

State

ZIP

2 Your Internal Billing Reference

3 To

Recipient's
Name

Phone

Company

Address

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

State

ZIP



8104 1405 8690

4 Express Package Service

Next Business Day

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

5 Packaging

- ☐ FedEx Envelope* ☐ FedEx I

6 Special Handling and Deliver

- ☐ **Saturday Delivery**
NOT available for FedEx Standard Overnight, FedEx 2Day, or 1st class. LGD 6-23-99.

- ☐ **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 recipient is not at recipient's address, someone at a neighboring address may sign for delivery.

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
- Restrictions apply for dangerous goods — see the current FedEx Service Guide.
- ☐ **Dry Ice** Dry Ice & UN 1845 ☐ **Cargo Aircraft Only**

7 Payment Bill to:

- Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages **3** Total Weight **201**

Your facility is located in US/CA/UK unless you declare a higher value. See the current FedEx Service Guide for details.