

SMP: Florida Keys

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: K. Deeth

Project ID: SMP

Collected By: Rosemary Murphy Kaitlin Deeth

Sampling Agency: SPOC

RQ-2017-05-01-16 5/10/2017 WBID 8073 8073 #1 South of Ft. Zach		G5SD051017-1 Field ID STORET G5SD0062		☐ Comp ☒ Grab Collection (comp begin or grab) Date 5/10/17 Time 1150		☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A
Temp (C) 27.0		pH 8.1		Sample Depth 0.3		Sp. Conductance (umho/cm) 57213		
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 36.5		Comments 107% sat		
RQ-2017-05-01-16 5/10/2017 WBID 8073 8073 #2 ENRG4 W of KeyWest		G5SD051017-2 Field ID STORET G5SD0063		☐ Comp ☒ Grab Collection (comp begin or grab) Date 5/10/17 Time 1245		☒ 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)		A
Temp (C) 27.5		pH 8.2		Sample Depth 0.3		Sp. Conductance (umho/cm) 58592		
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 37.1		Comments 115% sat		
RQ-2017-05-01-16 5/10/2017 WBID 8073 8073 #3 ENRG6		G5SD051017-3 Field ID STORET G5SD0064		☐ Comp ☒ Grab Collection (comp begin or grab) Date 5/10/17 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		Sp. Conductance (umho/cm)		
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments		
RQ-2017-05-01-16 5/10/2017 WBID 8073 8073 #4 ENRG2 Bayside		G5SD051017-4 Field ID STORET G5SD0065		☐ Comp ☒ Grab Collection (comp begin or grab) Date 5/10/17 Time 1015		☒ 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)		A
Temp (C) 27.0		pH 8.0		Sample Depth 0.3		Sp. Conductance (umho/cm) 56477		
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 36.0		Comments 107% sat		

Relinquished By: K. Deeth	Date/Time: 5/10/17 1700	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: SR	Date/Time: 5-11-17 / 9:50
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Group: A Bottle Type: P-1L # of Bottles: 13 Preservative: ICE Enter Number of Bottles Sent to Lab 3

ALKALINITY
TURBIDITY
W-F
W-TSS

Group: A Bottle Type: BP-1L # of Bottles: 13 Preservative: ICE Enter Number of Bottles Sent to Lab 3

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 13 Preservative: HNO3 Enter Number of Bottles Sent to Lab 3

W-ICP
W-ICPMS

Group: A Bottle Type: P-500ML # of Bottles: 13 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 3

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 3

W-PO4-F

Request Number: RQ-2017-05-01-16

SMP: Florida Keys

Florida Department of Environmental Protection
Central Laboratory Submittal FormPage 1 of 2
last revised Apr 7, 2016

Customer: SO-DIST

Project ID: SMP

Requester: Benjamin Paswater

Field Report Prepared By: K. DeArth

Collected By: Rosemary M K. DeArth

Sampling Agency: SRCC

RQ-2017-05-01-16
5/10/2017

WBID 8080

8080-ENRG3

Nearshore

G5SD051017-9

Field ID

STORET
G5SD0070

Latitude

☐ dd

Longitude

☐ dms☐ dd☐ dmsRQ-2017-05-01-16
5/10/2017

WBID 8080

Field Blank

G5SD051017-0

Field ID

STORET
G5SD0069

Latitude

☐ dd

Longitude

☐ dms☐ dd☐ dms

Location

Field ID

STORET #

Latitude

☐ dd

Longitude

☐ dms☐ dd☐ dms

Location

Field ID

STORET #

Latitude

☐ dd

Longitude

☐ dms☐ dd☐ dms☐ Comp
☒ Grab

Collection (comp begin or grab)

Date 5/10/17

Time 1520

Eastern
Central

Composite end

Date

Time

Bottle
Group(s)
(See pg 2)

Matrix (type, e.g., Salt, Fresh, etc)

salt

Diss. Oxygen

7.7

☒ mg/L☐ % sat

Total Res. Chlorine

(mg/L)

Temp

(C) 28.2

pH

8.1

Sample

Depth 0.3

☐ ft☒ m

Sp. Conductance

(umho/cm) 59831

Salinity

(ppt) 37.4

Comments

122% sat

☐ Comp
☒ Grab

Collection (comp begin or grab)

Date 5/10/17

Time 1300

Eastern
Central

Composite end

Date

Time

Bottle
Group(s)

Matrix (type, e.g., Salt, Fresh, etc)

Blank

Diss. Oxygen

☒ mg/L☐ % sat

Total Res. Chlorine

(mg/L)

Temp

(C)

pH

Sample

Depth

☐ ft☐ m

Sp. Conductance

(umho/cm)

Salinity

(ppt)

Comments

Bottle
Group(s)☐ 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)

Salinity

(ppt)

Comments

Bottle
Group(s)☐ Comp
☐ Grab

Collection (comp begin or grab)

Date

Time

Eastern
Central

Composite end

Date

Time

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)

Salinity

(ppt)

Comments

Relinquished By:

K. DeArth

Date/Time

5/10/17 1700

Shipping Method

FedEx

Number of Coolers Shipped:

2

Received By:

SR

Date

5/11/17

Group: A

Bottle Type:

P-1L

of Bottles: 13

Preservative:

ICE

Enter Number of Bottles Sent to Lab

2

ALKALINITY

TURBIDITY

W-F

W-TSS

Group: A

Bottle Type:

BP-1L

of Bottles: 13

Preservative:

ICE

Enter Number of Bottles Sent to Lab

2

CHLSUITE-W

Group: A

Bottle Type:

P-500ML

of Bottles: 13

Preservative:

HNO3

Enter Number of Bottles Sent to Lab

2

W-ICP

W-ICPMS

Group: A

Bottle Type:

P-500ML

of Bottles: 13

Preservative: ICE And H2SO4

Enter Number of Bottles Sent to Lab

2

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

2

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:

K. DeArth

Collected By:

Rosemary Murphy Kathleen DeArth

Sampling Agency:

SROC

RQ-2017-05-01-16 5/10/2017 WBID 8073 8073 #5 ENRG1		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5/10/17 Time 1045		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 6.9		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)					
Temp (C) 27.6		pH 8.1		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 57988		A	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 36.5		Comments 109% sat					

RQ-2017-05-01-16 5/10/2017 WBID 8079 8079-ENRG3 South of Stock Island		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5/10/17 Time 1220		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 6.8		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)					
Temp (C) 26.8		pH 8.1		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 57074		A	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 36.6		Comments 105% sat					

RQ-2017-05-01-16 5/10/2017 WBID 8079 8079-ENRG6 Out by reef		☐ 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)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments					

☐ 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)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Kathlin D.	5/10/17 1700	FedEX	2	SR	5-11-17 / 9:50

Group: A	Bottle Type:	P-1L	# of Bottles: 13	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-F						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 13	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 13	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 13	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	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	2
	W-PO4-F						

Date of Request: 02-MAR-2017
 Created By: PASWATER_B On: 02-MAR-2017
 Modified By: MATTHEWS_D On: 11-APR-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: 07-APR-2017
 Biology Request Reviewed By: MATTHEWS_D On: 11-APR-2017
 Sampling Kit Required: YES Ship on: 19-APR-2017
 Sampling Kit Shipped: YES On: 19-APR-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 01-MAY-2017
 Received By: REYNOLDS_T On: 10-MAY-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

Log-in Checklist

RQ- 2017-05-01-16

Shipping Method: Fedex

Date/Time of Receipt: 5-11-17/9:50

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	1.1	17		✓			
Red	2.4	18		✓			

*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: 5-11-17

NCRs (Y/N)? N

Event ID: 80-DIST-2017-05-11-01

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:

Do Not Lift Using This Tag

ORIGIN ID:MTHA

SHIP DATE: 10MAY17
ACTWGT: 54.70 LB
CAD: /POS1801
DIMS: 25x15x14 IN

UNITED STATES US

BILL RECIPIENT

SAMPLE RECEIVING
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

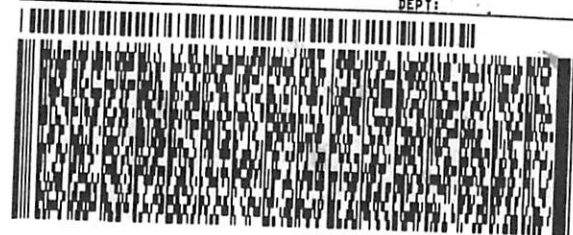
(850) 245-8085

REF:

INVT:

PO:

DEPT:



FedEx
Express



TRK# 8113 0563 1082
0215

THU - 11 MAY 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399
FL-US TLH

Part # 156297V-435 RIT2 EXP 02/18
13ES/4ELB/1795 01/50 645ET48

Do Not Lift Using This Tag

ORIGIN ID:MTHA

SHIP DATE: 10MAY17
ACTWGT: 58.00 LB
CAD: 7051801
DIMS: 26x15x14 IN

UNITED STATES US

BILL RECIPIENT

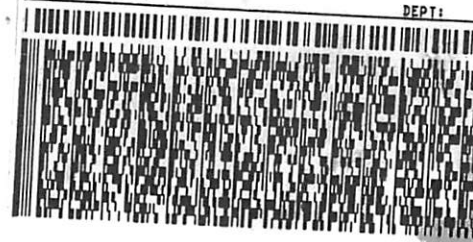
SAMPLE RECEIVING
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8086

REF:

DEPT:



FedEx
Express



TRK# 8113 0563 1071
0215

THU - 11 MAY 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399
FL-US TLH



Part # 156297V-435 RITZ EXP 02/18
13ES/462A/1195 01/30 6455110