

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, Chase Conley

Sampling Agency: FDEP South

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/13/16 Time 13:20	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
RQ-2016-06-27-04 6/13/2016 WBID 6019 Indian Key Fill at SW End	G5SD0073 Field ID STORET G5SD0073	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.8 98%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
		Temp (C) 32.3	pH 8.0	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 59102
		☐ dd ☐ dms	Salinity (ppt)	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/13/16 Time 1440	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2016-06-27-04 6/13/2016 WBID 6011C Grassy Key @ Curry Hammock SP Creek	FLKEYS0022FTM Field ID STORET SPFLKEYS0022FTM	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.7 95%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
		Temp (C) 32.0	pH 7.8	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 55449
		☐ dd ☐ dms	Salinity (ppt)	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/13/16 Time 1550	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2016-06-27-04 6/13/2016 WBID 6012C 6012C by Bridge No Name Key	G5SD0071 Field ID STORET G5SD0071	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.6 127%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
		Temp (C) 31.9	pH 8.0	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 55000
		☐ 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)
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments

Relinquished By: Ben Paswater	Date/Time: 6/13/16 1700	Shipping Method: FDEP Ex.	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time: 6-14-16 10:20
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Group: A	Bottle Type: P-1L	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab	5
ALKALINITY					
TURBIDITY					
W-F					
W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab	5
CHLSUITE-W					
Group: A	Bottle Type: P-500ML	# of Bottles: 14	Preservative: HNO3	Enter Number of Bottles Sent to Lab	5
W-ICP					
W-ICPMS					
Group: A	Bottle Type: P-500ML	# of Bottles: 14	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	5
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	5
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 RQ-2016-06-27-04 6/13/2016 Field Blank		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/13/16 Time 1450		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2) A	
G5SD-Blank1 Field ID STORET Blank		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 RQ-2016-06-27-04 6/13/2016 WBID 6019 Indian Key Fill at SW End - Dup		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/13/16 Time 1330		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) A	
G5SD0073-DUP Field ID STORET G5SD0073-DUP		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)	
Latitude		☐ dd ☐ dms		Longitude		☐ 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)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By: BP	Date/Time: 6/13/16 1700	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time: 6-14-16/1020
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Date of Request: 26-MAY-2016
 Created By: PASWATER_B On: 26-MAY-2016
 Modified By: WATTS_J On: 08-JUN-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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 08-JUN-2016
 Biology Request Reviewed By: WATTS_J On: 08-JUN-2016
 Sampling Kit Required: YES Ship on: 13-JUN-2016
 Sampling Kit Shipped: YES On: 08-JUN-2016
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 27-JUN-2016
 Received By: SHAIK_A On: 14-JUN-2016

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)

Acid going into RQ-06-20-16 Flamingo

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
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices

Bottle Group A (Water) With 14 Samples:

Bottle Type: P-500ML	Number of Bottles: 14	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: 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

Log-in Checklist

RQ- 2016-06-27-04

Shipping Method: Fed Exl

Date/Time of Receipt: 06-14-16/10:20

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	1.8C	10		 			7833 4716 2551
Red	1.1C	15		 			7833 4718 7408

*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: [Signature]

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

Coolers Unpacked/Checked by: [Signature] Date: 6-14-16 NCRs (Y/N)?

Event ID: SMP: Florida Keys NCR #

SO-DIST-2016-06-14-01 (SMP)

Date Received: 14-JUN-2016 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: