

SMP-Bay Run

last revised Apr 7, 2016

Central Laboratory Submittal Form

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By:

Jordan Skaggs

Project ID: SMP

Collected By: Jordan Skaggs Rachel Brunton Jimmy Pitts

Sampling Agency: FDEP

Location ENRG_8090		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/28/16 Time 1155		Eastern Central	Composite end Date Time		Bottle Group(s) (See pg 2)
Field ID G5SE0033		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
STORET # G5SE0033		Temp (C) 30.4	pH 7.8	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 54735		
Latitude 25.64761125	☒ dd ☐ dms	Longitude -80.14564527	☒ dd ☐ dms	Salinity (ppt) 30.4	Comments			
Location ENRG_8090 field duplicate		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/28/2016 Time 1200		Eastern Central	Composite end Date Time		Bottle Group(s)
Field ID G5SE0033_dupe		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
STORET # G5SE0033_dupe		Temp (C) 30.4	pH 7.8	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 54735		
Latitude 25.64761125	☒ dd ☐ dms	Longitude -80.14564527	☒ dd ☐ dms	Salinity (ppt) 30.4	Comments			
Location Biscayne Bay ENRH4/3293B		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/28/2016 Time 1225		Eastern Central	Composite end Date Time		Bottle Group(s)
Field ID G4SEBB32		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		B
STORET # G4SEBB32		Temp (C) 30.2	pH 7.9	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 50333		
Latitude 25.68557096	☒ dd ☐ dms	Longitude -80.18453767	☒ dd ☐ dms	Salinity (ppt) 32.9	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: FDEP	Date/Time 6-28-2016	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time 6-29-16/10:18
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

Date of Request: 18-MAY-2016
 Created By: SEWELL_M On: 18-MAY-2016
 Modified By: WATTS_J On: 08-JUN-2016
 Customer: SE-DIST
 Project: SMP
 Division:
 District: Southeast District
 Sampling Event: SMP-Bay Run

Send Coolers To:

Phone: (772) 380-5572
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 18-MAY-2016
 Biology Request Reviewed By: WATTS_J On: 18-MAY-2016
 Sampling Kit Required: YES Ship on: 26-MAY-2016
 Sampling Kit Shipped: YES On: 25-MAY-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: NO
 Date to Receive Samples: 13-JUN-2016
 Received By: SHAIK_A On: 29-JUN-2016

Send Final Report To:

FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: Bottle group A = Coastal
 Bottle group B = Bay

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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: 4	Preserved With: ICE
CHLSUITE-W	Template:	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 4	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: 4	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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: 2	Preserved With: ICE
CHLSUITE-W	Template:	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: HNO ₃

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-500ML	Number of Bottles: 2	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:	(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		
Silver		
Bottle Type: P-500ML	Number of Bottles: 2	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
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 2	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- 2016-06-06-42

Shipping Method: FEDEX

Date/Time of Receipt: 6-29-16 10:18

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	
BLUE	1.8c	13		✓			

*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: 6-29-16 NCRs (Y/N)? —

Event ID: SMP-Bay Run SE-DIST-2016-06-29-02 (SMP) NCR # —

Date Received: 29-JUN-2016 10:18

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:

Align Open End of FedEx Pouch Here

00422

01000

FedEx Package
Express US Airbill

FedEx
Tracking
Number 8100

RT 858 427

Form
ID No. 0215

MUR 1

1 From
Date 6/28/2016

Sender's Name Jordan Svaggs Phone 772 579-3039

Company FDEP

Address 2199 S Rock Rd

City Fort Pierce State FL ZIP 34945

2 Your Internal Billing Reference

3 To
Recipient's Name SAMPLE RECEIVING Phone 850 245-8085

FLORIDA DEP/CHEMISTRY SECTION

BLAIRSTONE RD

P.O. ZIP codes

Dept./Floor/Suite/Room

Use this line for the HOLD location address or for continuation of your shipping address

City TALLAHASSEE State FL ZIP 32399

0123448864



8100 1917 8527

4 Express Package Service

Next Business

☐ FedEx First Over
Earliest next business m.
locations. Friday shipment
Monday unless Saturday

☒ FedEx Priority Over
Next business morning. If
delivered on Monday unless
is selected

☐ FedEx Standard Over
Next business afternoon
Saturday Delivery NOT avail

5 Packaging ☐ Decl

☐ FedEx Envelope

6 Special Handling a

☐ Saturday Delivery
NOT available for FedEx Standard Ov

☐ No Signature Required
Package may be left without
obtaining a signature for delivery

Does this shipment contain da
One box must be chea

☐ Yes
As per attached
Shipper's Declaration

Restrictions apply for dangerous goods — see the cu

7 Payment Bill to:

Sender
Acct. No. in Section
I will be billed

☒ Recipient

Total Packages Total Weight

Our liability is limited to US\$100 unless you declare a higher value

Rev. Date 5/15 • Part #163134 • ©1994-2015 FedEx • PRINTED IN

ORIGIN ID: SUAA (850) 245-8085
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
TALLAHASSEE, FL 323996542
UNITED STATES US

TO SAMPLE RECEIVING
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8085



TRK#
0215

8100 1917 8527

36 TLHA

SHIP DATE: 28
ACTWGT: 59.40
CAD: /POS1704
DIMS: 21x15x

BILL SENDER

WED
PRI