

RUN 11

Customer: WQAP

Project ID: SMP

Requester: Judy Ashton

Collected By:

J. Ashton

Field Report Prepared By:

L. Bachler
FDEP

Sampling Agency:

Location	RQ-2017-08-14-26 Date: 08-15-2017 Time:	Field ID G1SW0054 Field ID STORET Bishop Tidal	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-15-17 Time 1055	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A, B, C, D
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 2.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #				Temp (C) 20.4	pH 7.1	Sample Depth 0.3	Sp. Conductance (umho/cm) 28522
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt) 17.5	Comments		
Location	RQ-2017-08-14-26 Date: 08-15-2017 Time:	Field ID G5SW0128 Field ID STORET Cedar Tidal	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-15-17 Time 1140	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A, B, C
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 4.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #				Temp (C) 30.4	pH 7.1	Sample Depth 0.3	Sp. Conductance (umho/cm) 10356
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt) 9.5	Comments		
Location	RQ-2017-08-14-26 Date: 08-15-2017 Time:	Field ID G5SW0035 Field ID STORET Klosterman TP 222	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-15-17 Time 1235	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A, B, C, E
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #				Temp (C) 33.5	pH 7.7	Sample Depth 0.3	Sp. Conductance (umho/cm) 5953
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 3.19	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	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: L. Bachler	Date/Time 8-15-17 / 1500	Shipping Method Fed Ex	Number of Coolers Shipped: 2	Received By: J. D.	Date/Time 8/16/17 10:00
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY TURBIDITY W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	PCR-FILTER						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SWD-AEL-EN <i>17A000ES WKT D AEL</i>						
Group: B	Bottle Type:	BG-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-HF183, PCR-FILTER, PCR-GFD						
Group: D	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-GULL2, PCR-HF183, PCR-FILTER						
Group: E	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-GFD, PCR-FILTER						

Date of Request: 19-JUL-2017
 Created By: ASHTON_J On: 19-JUL-2017
 Modified By: SWANSON_C On: 27-JUL-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: RUN 11

Send Coolers To:

Phone: 813-470-5772
 13051 N. Telecom Parkway

 Tampa, FL 33637
 Attn: Judy Ashton

Send Final Report To:

13051 N. Telecom Parkway

 Tampa, FL 33637
 Attn: Judy Ashton

Program Module Number:

Priority: 3

Event Status: S

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 27-JUL-2017

Biology Request Reviewed By: SWANSON_C On: 27-JUL-2017

Sampling Kit Required: YES Ship on: 31-JUL-2017

Sampling Kit Shipped: YES On: 31-JUL-2017

Sampling Kit Packed By: REAVES_S

Preservatives Needed: NO

Date to Receive Samples: 14-AUG-2017

Received By:

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: Group A: Marine Kit, No Metals

Bottle Group A (Water) With 3 Samples:

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

Bottle Type: QPCR-P-250ML	Number of Bottles: 6	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type:	Number of Bottles: 3	Preserved With: ICE
SWD-AEL-EN	Template: DEFAULT	(SM 9230 C) Enterococci by membrane filter method by Advanced Environmental Overflow Laboratories for SWD
Bottle Type: BG-1L	Number of Bottles: 3	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Group C (Water) With 2 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 4	Preserved With: ICE
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Bottle Group C (Water) With 2 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 4 Preserved With: ICE
PCR-HF183 Template: DEFAULT (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Group D (Water) With 1 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 2 Preserved With: ICE
PCR-GULL2 Template: DEFAULT (SOP-PCR-1.2) Detection and quantification of coastal bird specific Catellicoccus marimammallum Gull2 genetic marker with quantitative polymerase chain reaction

Bottle Group E (Water) With 1 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 2 Preserved With: ICE
PCR-GFD Template: DEFAULT (SOP-PCR-1.3) Detection and quantification of bird specific Helicobacter GFD genetic marker with quantitative polymerase chain reaction

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

Log-in Checklist

RQ- 2017-08-14-26

Shipping Method: FedEx

Date/Time of Receipt: 8/16/17 10:00

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	3.3°C	11		☒	☒		
RED	0.6°C	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			W-CT-CI-R		

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

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

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

Coolers Unpacked/Checked by: JD Date: 8/16/17 NCRs (Y/N)? ☐

Event ID: WQAP-2017-08-16-03 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:

01.000

FedEx
ExpressPackage
US AirbillFedEx
Tracking
Number

8119 3898 7622

0215

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From
 Date 8-15-17
 Sender's Name _____ Phone 3470-5704
 Company FDEP
 Address 13051 N. Telecom Pkwy
Temple Terrace State FL ZIP 33637
 Dept./Floor/Room _____

2 Your Internal Billing Reference

3 To
 Recipient's Name SAMPLE RECEIVING Phone 850-245-8085
 Company FLORIDA DEP/CHEMISTRY SECTION
 Address 2500 BLAIRSTONE RD
 We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Room _____
 Address _____
 Use this line for the HOLD location address or for continuation of your shipping address.
 City TALLAHASSEE State FL ZIP 32399-6542

☐ **Hold Weekday**
 FedEx location address
 REQUIRED. NOT available for
 FedEx First Overnight.

☐ **Hold Saturday**
 FedEx location address
 REQUIRED. Available ONLY for
 FedEx Priority Overnight and
 FedEx 2Day to select locations.



8119 3898 7622

0127681333

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	2 or 3 Business Days
☐ FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day A.M. Second business morning.* Saturday Delivery NOT available.
☒ FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
☐ FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.	☐ 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**
 Packages may be left without obtaining a signature for delivery.

☐ **Direct Signature**
 Screening of recipient's address may apply 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. ☐ Yes Shipper's Declaration not required. ☐ Dry Ice Dry Ice, 9 UN 1845 _____ kg
 Restrictions apply for dangerous goods — see the current FedEx Service Guide. ☐ Cargo Aircraft Only

7 Payment \$/£/€
 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 1 Total Weight 50 lbs. Credit Card Auth. 611

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

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fedex.com 1.800.GoFedEx 1.800.463.3339

01000

FedEx
 Express **Package**
US Airbill
FedEx
Tracking
Number

8115 9627 9708

MUR4

Form
ID No.

0215

1 From

Date 8-15-17

Sender's
Name

Phone

470-5700

Company

FDEP

Address

13051 N. Telecom Pkwy

City

Temple Terrace

State

FL

ZIP

33637

2 Your Internal Billing Reference

3 To

Recipient's
Name

SAMPLE RECEIVING

Phone

850 245-8085

Company

FLORIDA DEP/CHEMISTRY SECTION

Address 2400 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

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

City TALLAHASSEE

State

FL

ZIP

32399

 Hold Weekday
 FedEx location address
 REQUIRED. NOT available for
 FedEx First Overnight.
☐
 Hold Saturday
 FedEx location address
 REQUIRED. Available ONLY for
 FedEx Priority Overnight and
 FedEx 2Day to select locations.
☐

0126912290



8115 9627 9708

4 Express Package Service

* To meet location.

 Packages up to 150 lbs.
 For packages over 150 lbs., see 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?

One box must be checked.

☒

No

☐

Yes

 As per attached
 Shipper's Declaration.
☐

Yes

 Shipper's Declaration
 not required.
☐

Dry Ice

Dry Ice, 6, UN 1845

x kg

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

☐ Cargo Aircraft Only

7 Payment Bill to:

☐ Sender
 Acct. No. in Section
 I will be billed.
☒

Recipient

☐

Third Party

☐

Credit Card

☐ Obtain recip.
 Acct. No.
☐

Cash/Check

Total Packages

Total Weight

1

50 lbs.

Credit Card Auth.

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

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