Request Number: RQ-2017-03-20-45

RUN 2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Collected By: Judy Ashton, Laurie Bachler

Sampling Agency: FDEP

Location: Mud River

RQ-2017-03-20-45 Date: 03-22-17 Time:

G5SW0017 Field ID STORET

G5SW0017

Field ID: STORET #:

☐ dms

☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3-22-17 Time 1020 | ☐ Eastern ☐ Central | Composite end Date Time

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

Diss. Oxygen 7.9 ☐ mg/L ☐ % sat

Total Res. Chlorine (mg/L)

Temp (C) 21.3

pH 7.7

Sample Depth 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm) 11310

Salinity (ppt) 6.5

Comments

Bottle Group(s) (See pg 2): A

Location: Weeki Wachee

RQ-2017-03-20-45 Date: 03-22-17 Time:

G5SW0020 Field ID STORET

G5SW0020

Field ID: STORET #:

☐ dms

☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3-22-17 Time 1045 | ☐ Eastern ☐ Central | Composite end Date Time

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

Diss. Oxygen 7.8 ☐ mg/L ☐ % sat

Total Res. Chlorine (mg/L)

Temp (C) 20.8

pH 7.8

Sample Depth 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm) 22270

Salinity (ppt) 13.9

Comments

Bottle Group(s): A

Location: Weeki Wachee Duplicate

RQ-2017-03-20-45 Date: 03-22-17 Time:

G5SW0020 Field ID STORET

G5SW0020

Field ID: STORET #:

☐ dms

☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3-22-17 Time 1050 | ☐ Eastern ☐ Central | Composite end Date Time

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

Diss. Oxygen 7.8 ☐ mg/L ☐ % sat

Total Res. Chlorine (mg/L)

Temp (C) 20.8

pH 7.8

Sample Depth 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm) 22270

Salinity (ppt) 13.9

Comments

Bottle Group(s): A

Location: Field Blank

RQ-2017-03-20-45 Date: 03-22-17 Time: G5SW0020

Blank Field ID STORET

BLANK

Field ID: STORET #:

☐ dms

☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3-22-17 Time 1120 | ☐ 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: BLANK – DI

Bottle Group(s): A

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Judy Ashton	3-22-17 1700	FED EX	2	ATB	3-23-17 10:02

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	ALKALINITY TURBIDITY W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	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: 5	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab**	5
	W-PO4-F						

Request Number: RQ-2017-03-20-45

RUN 2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Collected By: Judy Ashton, Laurie Bratcher

Sampling Agency: FDEP

Location	RQ-2017-03-20-45 Date: 03-22-17 Time: Mason Crk — G5SW0005 Field ID ↕ STORET G5SW0005	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-22-17 Time 1230 Eastern (circled) Central	Composite end Date Time	Bottle Group(s) (See pg 2) A
Field ID		Matrix (type, e.g., Salt, Fresh, etc): Salt (circled)	Diss. Oxygen 18.9 ☐ mg/L ~~☐ % sat~~	~~Total Res. Chlorine (mg/L)~~	
STORET #		Temp (C) 21.1	pH 8.1	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 30380
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 18.9	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		

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:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				ABJ	3-23-17 / 10:02

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	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: 5	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab** _____
	W-PO4-F					

RQ-2017-03-20-45

Date of Request: 28-FEB-2017
Created By: ASHTON_J On: 28-FEB-2017
Modified By: MATTHEWS_D On: 02-MAR-2017
Customer: WQAP
Project: SMP
Division: Division of Environmental Assessment and Restoration
District:
Sampling Event: RUN 2

Send Coolers To:

Phone: 813-470-5772
13051 N. Telecome 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: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 01-MAR-2017
Biology Request Reviewed By: MATTHEWS_D On: 02-MAR-2017
Sampling Kit Required: YES Ship on: 09-MAR-2017
Sampling Kit Shipped: YES On: 08-MAR-2017
Sampling Kit Packed By: GREENWOO_J
Preservatives Needed: NO
Date to Receive Samples: 22-MAR-2017
Received By: SHAIK_A On: 23-MAR-2017

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 5 Samples:

Bottle Type: P-1L Number of Bottles: 5 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: 5 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: 5 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: 5 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-2017-03-2045

Shipping Method: FedEx Date/Time of Receipt: 3-23-17 / 10:02

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	2.4C	12		✓			
Red	1.8C	8		✓			

*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: ATB

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: _____

Coolers Unpacked/Checked by: ATB **Date:** 3-23-17 **NCRs (Y/N)?** ✓

Event ID: RUN 2
WQAP-2017-03-23-02 (SMP)
Date Received: 23-MAR-2017 10:02

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:

FedEx Express Package US Airbill

FedEx Tracking Number 8104 1261 3140

Form ID No. 0215

3-22-17 [redacted]

Phone 813 470-5700

FDEP

2051 Telecom Pkwy N.

Dept./Floor/Suite/Room

Temple Terrace State FL ZIP 33637

Internal Billing Reference

SAMPLE RECEIVING Phone 850 245-8085

FLORIDA DEP/CHEMISTRY SECTION

2600 BLAIRSTONE RD

Dept./Floor/Suite/Room

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.

TALLAHASSEE State FL ZIP 32399-6542

0124452242

8104 1261 3140

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

- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- [X] 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 [X] 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.

[X] No [ ] Yes As per attached Shipper's Declaration. [ ] Yes Shipper's Declaration not required. [ ] Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No [ ]

[ ] Sender Acct. No. in Section 1 will be billed. [X] Recipient [ ] Third Party [ ] Credit Card [ ] Cash/Check

[redacted] 6

Total Packages 1 Total Weight 50 lbs

[redacted] Credit Card Auth.

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

611

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fedex.com 1.800.GoFedEx 1.800.463.3339

MUR 4

FedEx Express Package US Airbill

FedEx Tracking Number 8104 1261 3162

Form ID No. 0215

3-22-17 [redacted]

Phone 813 470-5700

FDEP

2051 Telecom Pkwy N.

Dept./Floor/Suite/Room

Temple Terrace State FL ZIP 33637

Internal Billing Reference

SAMPLE RECEIVING Phone 850 245-8085

FLORIDA DEP/CHEMISTRY SECTION

2600 BLAIRSTONE RD

Dept./Floor/Suite/Room

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.

TALLAHASSEE State FL ZIP 32399-6542

0124452242

8104 1261 3162

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

- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- [X] 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 [X] 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.

[X] No [ ] Yes As per attached Shipper's Declaration. [ ] Yes Shipper's Declaration not required. [ ] Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No [ ]

[ ] Sender Acct. No. in Section 1 will be billed. [X] Recipient [ ] Third Party [ ] Credit Card [ ] Cash/Check

[redacted] 6

Total Packages 1 Total Weight 50 lbs

[redacted] 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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fedex.com 1.800.GoFedEx 1.800.463.3339