

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

F. BUTERA

Project ID: SMP

Collected By:

NATHAN Mulkey, FRANK BUTERA

Sampling Agency:

DEP - NW ROC

Location	Location: Jack's Branch at Jack's Branch Road (Hwy 97)	G5NW0037 Field ID ↑ STORET ↓ G5NW0037	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1-10-2017 Time 9:50	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	RQ-2017-01-16-38(WBID 291)		Matrix (type, e.g., Salt, Fresh, etc)	FRESH	Diss. Oxygen 9.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	Date: Time: CST		Temp (C) 9.1	pH 4.9	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 28	
Latitude	☐ dms	☐ dms	Salinity (ppt) 0.0	Comments				
Location	Location: BOGGY CREEK AT SR 97A	G5NW0009 Field ID ↑ STORET ↓ 33010056	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1-10-2017 Time 10:20	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	RQ-2017-01-16-38(WBID 135)		Matrix (type, e.g., Salt, Fresh, etc)	FRESH	Diss. Oxygen 9.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	Date: Time: CST		Temp (C) 11.5	pH 5.4	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 39	
Latitude	☐ dms	☐ dms	Salinity (ppt) 0.0	Comments				
Location	Little Pine BARREN ck		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1-10-2017 Time 11:00	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	G4NW0191		Matrix (type, e.g., Salt, Fresh, etc)	FRESH	Diss. Oxygen N/A	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	G4NW0191		Temp (C) 10.5	pH 5.5	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 46	
Latitude	☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.0	Comments: No reading for D.O. + D.O. %				
Location	Location: Wiggins Branch abv hwy 29 S of Century	G4NW0163 Field ID ↑ STORET ↓ G4NW0163	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1-10-2017 Time 11:50	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	RQ-2017-01-16-38(WBID 25)		Matrix (type, e.g., Salt, Fresh, etc)	FRESH	Diss. Oxygen 10.1	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	Date: Time: CST		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dms	☐ dms	Salinity (ppt)	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<i>[Signature]</i>	1-10-2017	Fed Ex	2	RKW	1/11/17/10204

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F. BUTERA

Project ID: SMP

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NATHAN MUCKEY FRANK BUTERA

Sampling Agency:

DEP - NWROC

Location	Location: Canoe Creek		G4NW0201		☐ Comp ☒ Grab		Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID	Above Hwy 29		Field ID		Date		Time	Central	Date	Time
STORET #	RQ-2017-01-16-38(WBID 7)		STORET		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine	(See pg 2)
Latitude	Date:		33020107		Temp (C)		pH	N/A	(mg/L)	A
	Time: CST				Salinity (ppt)		Sample Depth	ft	Sp. Conductance	
	☐ dms		☐ dms		Comments			m	(umho/cm)	
					No LEADING D.O. b D.O. %				35	

Location					☐ Comp ☐ Grab		Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID					Date		Time	Central	Date	Time
STORET #					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine	
Latitude					Temp (C)		pH	mg/L	(mg/L)	
	☐ dd		☐ dd		Salinity (ppt)		Sample Depth	% sat	Sp. Conductance	
	☐ dms		☐ dms		Comments				(umho/cm)	

Location					☐ Comp ☐ Grab		Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID					Date		Time	Central	Date	Time
STORET #					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine	
Latitude					Temp (C)		pH	mg/L	(mg/L)	
	☐ dd		☐ dd		Salinity (ppt)		Sample Depth	% sat	Sp. Conductance	
	☐ dms		☐ dms		Comments				(umho/cm)	

Location					☐ Comp ☐ Grab		Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID					Date		Time	Central	Date	Time
STORET #					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine	
Latitude					Temp (C)		pH	mg/L	(mg/L)	
	☐ dd		☐ dd		Salinity (ppt)		Sample Depth	% sat	Sp. Conductance	
	☐ dms		☐ dms		Comments				(umho/cm)	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	1-10-2017	Fed Ex	2		1/11/17/1020A

Group: A

Bottle Type:

of Bottles: 0

Preservative:

Enter Number of Bottles Sent to Lab

20 ~~65~~ 16

ALKALINITY
CHLSUITE-W
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-NH3
W-NO2NO3
W-PO4-F
W-S-A-TP
W-SO4-IC
W-TDS
W-TKN
W-TOC
W-TSS

16
4 bottles/test

Date of Request: 05-JAN-2017
 Created By: KING_M On: 05-JAN-2017
 Modified By: MATTHEWS_D On: 10-JAN-2017
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest ROC
 Sampling Event: Group 5 run WBID 135 291 87 7 71 25

Send Coolers To:

Phone: SC-695-0605
 160 W Government st
 Suite 208A
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number: 1306
 Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-JAN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 10-JAN-2017
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 16-JAN-2017
 Received By:

Send Final Report To:

160 W Government st
 Suite 208A
 Pensacola, FL 32502-5794
 Attn: Michael King

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

Comments:

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	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-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 6	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: 6	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: 6	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

Log-in Checklist

RQ- 2017-01-16-38

Shipping Method: Fed EX

Date/Time of Receipt: 1/11/17/1000

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	1.0°C	12		✓			
Red	1.4°C	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-CL-R			

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

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

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

Coolers Unpacked/Checked by: ELW Date: 1/11/17

NCRs (Y/N)? N

Event ID: NWDLST-2017-01-11-01

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:

FedEx Express **Package US Airbill**

FedEx Tracking Number **8103 9283 4436**

1 From
Date **1-16-2017**
Sender's Name **FRANK BUTERA** Phone **850 595-4572**
Company **FL DEP - NWROC**
Address **1600 W. GOVERNMENT St.**
City **PENSACOLA** State **FL** ZIP **32542**

2 Your Internal Billing Reference

3 To
Recipient's Name **SAMPLE RECEIVING** Phone **850 245-8085**
Company **FLORIDA DEP/CHEMISTRY SECTION**
Address **2600 BLAIRSTONE RD**
We cannot deliver to P.O. boxes or P.O. ZIP codes.
Address
Use this line for the HOLD 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.



8103 9283 4436

0124031825

Form ID No. **0215**

Recipient's Copy

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.
- ☒ 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, 9 UN 1845 _____ x _____ kg
- ☐ Cargo Aircraft Only

7 Payment Bill to:

- Enter FedEx Acct. No. or Credit Card No. below.
- ☐ Sender Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages **1** Total Weight **6lb** lbs. Credit Card Acct. No. **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 Express **Package US Airbill**

FedEx Tracking Number **8103 9283 4425**

1 From
Date **1-16-2017**
Sender's Name **FRANK BUTERA** Phone **850 595-4572**
Company **FL DEP - NWROC**
Address **1600 W. GOVERNMENT St.**
City **PENSACOLA** State **FL** ZIP **32542**

2 Your Internal Billing Reference

3 To
Recipient's Name **SAMPLE RECEIVING** Phone **850 245-8085**
Company **FLORIDA DEP/CHEMISTRY SECTION**
Address **2600 BLAIRSTONE RD**
We cannot deliver to P.O. boxes or P.O. ZIP codes.
Address
Use this line for the HOLD 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.



8103 9283 4425

0124031825

Form ID No. **0215**

Recipient's Copy

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.
- ☒ 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, 9 UN 1845 _____ x _____ kg
- ☐ Cargo Aircraft Only

7 Payment Bill to:

- Enter FedEx Acct. No. or Credit Card No. below.
- ☐ Sender Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card

Total Packages **1** Total Weight **6lb** lbs. Credit Card Acct. No. **611**

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