

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Upper Escambia River WBID 10 A,B,C

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: F. BUTERA

Project ID: SMP

Collected By: Steph Slade, F. BUTERASampling Agency: FL DEP- NWROC

Location	Location: Escambia River downstream of Cotton Lake		G4NW0403 Field ID ↑ STORET ↓ G4NW0403		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/15/17</u> Time <u>1010</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	RQ-2017-08-14-21 (WBID 10A)				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>5.9</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	Date: Time: CDT				Temp (C) <u>26.9</u>	pH <u>6.7</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>73</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.0</u>	Comments <u>"R" qualifies more than 0.5" grain in past 48 hrs</u>				
Location	Location: Escambia River upstream of Mitchell Creek		G4NW0404 Field ID ↑ STORET ↓ G4NW0404		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/15/17</u> Time <u>1100</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	RQ-2017-08-14-21 (WBID 10B)				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>6.6</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	Date: Time: CDT				Temp (C) <u>27.1</u>	pH <u>6.7</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>77</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.0</u>	Comments <u>"R" qualifies more than 0.5" grain in past 48 hrs</u>				
Location	Location: Escambia River		G4NW0405 Field ID ↑ STORET ↓ G4NW0405		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/15/17</u> Time <u>1115</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	RQ-2017-08-14-21 (WBID 10C)				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>6.8</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	Date: Time: CDT				Temp (C) <u>27.2</u>	pH <u>6.8</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>78</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.0</u>	Comments <u>"R" qualifies > 0.5" grain in past 48 hrs.</u>				
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: <u>J.D.</u>	Date/Time <u>8/16/17 10:00</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					
Group: A	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: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ECQ					

See Page 1

Document Reference # 05.1.0

Project: FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials : JD

Method of transport: Drop off on ice by automobile

Page 1 of 1

Samples delivered by: 1 FCB of FDEP

Date/Time: 08/15/2017 11220

Sample received by: Helen Basso of WRL

Date/Time: 08/15/2017 1:1220

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

[illegible]

Comments sample container lot# 15183

RQ- 2017-08-14-21

Contact organization FDEP

Contact name Mike King

Phone: (850) 595-8300

Address 160 Governmental Center, suite 308, Pensacola, FL 32502

Sampler's name: FRANK BUTERA

¹Matrix: SW = surface water, PW = pore water, GW = ground water, S = soil/sediment, X = _____

²Type codes: G = grab, C = composite, X = _____

³ Recorded using IRT-2

Date of Request: 17-JUL-2017
 Created By: KING_M On: 17-JUL-2017
 Modified By: SWANSON_C On: 27-JUL-2017
 Customer: NW-DIST
 Project: SMP
 Division:
 District: Northwest District
 Sampling Event: Upper Escambia River WBID 10 A,B,C

Send Coolers To:

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

Send Final Report To:

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

Program Module Number: 1306
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 26-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: SHAIK_A
 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:**Bottle Group A (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-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: 2	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: 2	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
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
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		

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: HNO3
W-ICPMS Template: (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

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

Bottle Group B (Water) With 1 Samples:

Bottle Type: TEST HAS NO Number of Bottles: 1 Preserved With: ICE
NW-UWF-ECQ Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by UWF Overflow Laboratory for NWD

Log-in Checklist

RQ- 2017-08-14-21

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	1.0°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: J.D.

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA ✓ Init: J.D.

Coolers Unpacked/Checked by: J.D. Date: 8/16/17 NCRs (Y/N)?

Event ID: NW-DIST-2017-08-16-01 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:

1 From
 Date 4/15/12
 Sender's Name State Phone 811-1111
 Company FEED
 Address 160 W Government ST Dept./Floor/Suite/Room 30
 City Fort Pierce State FL ZIP 34942

2 Your Internal Billing Reference

3 To
 Recipient's Name SAMPLE RECEIVING Phone 850 243-8085
 Company FLORIDA DEP/CHEMISTRY SECTION
 Address 2500 BLAIRSTONE RD Dept./Floor/Suite/Room
 Address
 Use this line for the HOLD location address or for continuation of your shipping address.
 City TALLAHASSEE State FL ZIP 32399-5042



8119 3904 5536

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 day. 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
 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 _____ to _____
 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. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
 Total Packages 262 Total Weight 262 Credit Card Auth.
 Your liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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