

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Field Report Prepared By: F. Butera

Collected By:

FRANK BUTERA, N. MURPHY

Sampling Agency:

FL DEP - NW ROC

Location		Location: Alaqua Creek @ Eglin 205. (JAXGRD#1103S003)		G3NW0111 Field ID ↑ STORET ↓ G3NW0111		☐ Comp ☒ Grab Collection (comp begin or grab) Date 9/18/17 Time 10:24 Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID		RQ-2017-09-11-29 (WBID 351)				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	
STORET #		Date:				Temp (C) 22.9		pH 5.7		Sample Depth 0.2	
Latitude		Time: CST				Salinity (ppt) 0.0		Comments E coli only.		Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 23	
		☐ dms		☐ dms						B	
Location		Location: Little Alaqua Ck. Below 282 Bridge		G3NW0065 Field ID ↑ STORET ↓ G3NW0065		☐ Comp ☒ Grab Collection (comp begin or grab) Date 9/18/2017 Time 10:35 Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID		RQ-2017-09-11-29 (WBID 432)				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	
STORET #		Date:				Temp (C) 23.4		pH 5.1		Sample Depth 0.2	
Latitude		Time: CST				Salinity (ppt) 0.0		Comments		Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 16	
		☐ dms		☐ dms						A B	
Location		Location: Rocky Creek @ Eglin 200/201		G3NW0059 Field ID ↑ STORET ↓ G3NW0059		☐ Comp ☒ Grab Collection (comp begin or grab) Date 9/18/2017 Time 11:24 Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID		RQ-2017-09-11-29 (WBID 361)				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	
STORET #		Date:				Temp (C) 22.3		pH 5.4		Sample Depth 0.2	
Latitude		Time: CST				Salinity (ppt) 0.0		Comments		Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 15	
		☐ dms		☐ dms						A	
Location		Location: Little Rocky Ck.		G3NW0103 Field ID ↑ STORET ↓ G3NW0103		☐ Comp ☒ Grab Collection (comp begin or grab) Date 9/18/2017 Time 12:44 Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID		RQ-2017-09-11-29 (WBID 476)				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	
STORET #		Date:				Temp (C) 22.0		pH 5.2		Sample Depth 0.2	
Latitude		Time: CST				Salinity (ppt) 0.0		Comments		Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 16	
		☐ dms		☐ dms						A	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
F. Butera	9/18/2017	Fed Ex	1	APB	9-18-17/10-05

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	4
	W-PO4-F					
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	NW-UWF-ECQ					

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Collected By:

F. Butera, N. Muckey

Field Report Prepared By:

F. Butera

Sampling Agency:

DEP - NW ROC

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>9/18/2017</u> Time <u>12:25</u>		Eastern Central ☒		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)			
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>FRESH</u>		Diss. Oxygen <u>8.4</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		<u>A</u>			
STORET #		Temp (C) <u>23.2</u>		pH <u>4.7</u>		Sample Depth <u>0.2</u>		Sp. Conductance (umho/cm) <u>21</u>					
Latitude		Salinity (ppt) <u>0.0</u>		Comments									
Time: CST		dd _____ dms _____											
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		Salinity (ppt)		Comments									
Longitude		dd _____ dms _____											
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		Salinity (ppt)		Comments									
Longitude		dd _____ dms _____											
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		Salinity (ppt)		Comments									
Longitude		dd _____ dms _____											

Relinquished By:

F. Butera

Date/Time

9/18/2017

Shipping Method

Fed Ex

Number of Coolers Shipped:

1

Received By:

[Signature]

Date/Time

9-19-17/1605

Group: A	Bottle Type:	P-1L	# of Bottles: 6	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: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	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: 6	Preservative: ICE-FLTR		Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative: ICE		Enter Number of Bottles Sent to Lab _____
	NW-UWF-ECQ					

Document Reference # 05.1.0

FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials : FB

Drop off

on ice by automobile

Page _1_ of _1_

FBI

of _____ FDEP

Date/Time: 9/13/2017, 1331

Dear Boss

of WRL

Date/Time: 9/18/2017 / 1337

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-2417 - 09 - 11 - 29

Contact organization FDEP

Contact name Mike King

Phone: (850) 595-8300

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

Sampler's name: Heidi 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: 18-AUG-2017
 Created By: KING_M On: 18-AUG-2017
 Modified By: WATTS_J On: 21-AUG-2017
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Eglin East WBID 351 361 432 445 476

Send Coolers To:

Phone: SC-595-0605
 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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-AUG-2017
 Biology Request Reviewed By: SWANSON_C On: 21-AUG-2017
 Sampling Kit Required: YES Ship on: 28-AUG-2017
 Sampling Kit Shipped: YES On: 25-AUG-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 11-SEP-2017
 Received By: SHAIK_A On: 19-SEP-2017

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, and phaeophytin 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

Bottle Group B (Water) With 4 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 4	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colliert 18 Quanti-Tray method by UWF Overflow Laboratory for NWD

Log-in Checklist

RQ- 2017-09-11-29

Shipping Method: Red Box

Date/Time of Receipt: 9-19-17/10:05

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	1.7C	16		✓			

*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: ABP

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

Coolers Unpacked/Checked by: ABP Date: 9-19-17 NCRs (Y/N)? ABP

Event ID: Eglin East WBID 351 361 432 445 476 NCR # ABP

Date Received: 19-SEP-2017 10:05

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:

01000

FedEx Package
Express US Airbill

FedEx Tracking Number 8119 3898 9761

1 From
Date 9/18/2017

Sender's Name FRANK BUTEA Phone 350 595-4340

Company FL DEP NWROC

Address 164 W. GOVERNMENT ST

City PENSACOLA State FL ZIP 32542

2 Your Internal Billing Reference

3 To
Recipient's Name SAMPLE RECEIVING Phone 850 245-0085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2500 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 32399-6542

0127681333



8119 3898 9761

0215

4 Express Package Service

* To meet location.

 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, 8, UN 1845
- ☐ 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 Total Weight

Credit Card Auth.

Our liability is limited to USD100 unless you declare a higher value. See the current FedEx Service Guide for details.

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