

ENR D WBID 548GB 738

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: S. Slade

Project ID: SMP

Collected By: Stephen Slade / Mike KindSampling Agency: FDEP NWROC

Location	Location: Texar Bayou		G4NW0402 Field ID ↑ STORET ↓ G4NW0402		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/25/17</u> Time <u>1015</u>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) <u>ABC</u>
Field ID	RQ-2017-09-04-48 (WBID 738) Date:				Matrix (type, e.g., <u>Salt</u> Fresh, etc)		Diss. Oxygen <u>8.0</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORE	Time: CDT				Temp (C) <u>27.3</u>	pH <u>7.1</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>1615</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>9.4</u>	Comments				
Location	Location: Blackwater Bay west of Escibano Point		G4NW0401 Field ID ↑ STORET ↓ G4NW0401		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/25/17</u> Time <u>1120</u>	Eastern Central	Composite end Date Time	Bottle Group(s) <u>A, B, C, D, E</u>
Field ID	RQ-2017-09-04-48 (WBID 548GB) Date:				Matrix (type, e.g., <u>Salt</u> Fresh, etc)		Diss. Oxygen <u>6.3</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORE	Time: CDT				Temp (C) <u>26.9</u>	pH <u>6.8</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>16373</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>9.6</u>	Comments				
Location	Location: G4NW0401DUPLICATE Blackwater Bay (South Segment)		Field ID ↑ STORET ↓ G4NW0401		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/25/17</u> Time <u>1125</u>	Eastern Central	Composite end Date Time	Bottle Group(s) <u>B, E</u>
Field ID	RQ-2017-09-04-48 (WBID 548GB) Date:				Matrix (type, e.g., <u>Salt</u> Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORE	Time: CT				Temp (C)	pH	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location	Location: FIELD BLANK Blackwater Bay west of Escibano Point		Field ID ↑		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/25/17</u> Time <u>1130</u>	Eastern Central	Composite end Date Time	Bottle Group(s) <u>B, E</u>
Field ID	RQ-2017-09-04-48 Date:				Matrix (type, e.g., <u>Salt</u> Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORE	Time: CDT				Temp (C)	pH	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By: <u>S. Slade</u>	Date/Time: <u>9/25/17 10:30</u>	Shipping Method: <u>Fedex</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>SR</u>	Date/Time: <u>9/26/17/10:30</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	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	2
	W-PO4-F						
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	NW-UWF-ENQ						
Group: C	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-AHERB-AA						
	W-SUC-AA-R						
	W-UHERB-AA						
Group: D	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	PCR-FILTER						
Group: E	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	NW-UWF-FC						

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Project: FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials :

Method of transport: Drop off on ice by automobile

Page _1_ of _1_

Samples delivered by: S. Wade of FDEP

Date/Time: 9/23/17, 1234

Sample received by: WRL of WRL

Date/Time: 9/25/17 1:1234

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- 2017-09-04-48

Contact organization FDEP

Contact name Mike King

Phone: (850) 595-8300

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

Sampler's name:

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: SWANSON_C On: 21-AUG-2017
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: ENR D WBID 548GB 738

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: S
 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: 23-AUG-2017
 Sampling Kit Shipped: YES On: 23-AUG-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 04-SEP-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 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-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: 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 2 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 2	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by UWF Overflow Laboratory for NWD

Bottle Group C (Water) With 2 Samples:

Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

Bottle Group C (Water) With 2 Samples:

Bottle Type: BG-1L Number of Bottles: 2 Preserved With: ICE
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 D (Water) With 2 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 4 Preserved With: ICE
PCR-FILTER Template: DEFAULT (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Group E (Water) With 1 Samples:

Bottle Type: TEST HAS NO Number of Bottles: 1 Preserved With: ICE
NW-UWF-FC Template: DEFAULT (SM 9222 D) Fecal coliforms by membrane filter method by UWF Overflow Laboratory for NWD

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

Log-in Checklist

RQ-2017-09-04-48

Shipping Method: Fedex

Date/Time of Receipt: 9-26-17/10:30

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
Blue	0.4	18	Yes	No	Yes	No	

*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: SR

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

Coolers Unpacked/Checked by: SR Date: 9-26-17

NCRs (Y/N)? N

Event ID: NW-DIST-2017-09-26-03

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:

00013
01000

FedEx Package
Express US Airbill

FedEx Tracking Number 8119 3903 9471

1 From
Date 9/25/17
Sender's Name Blade Phone 850 245-0000
Company FDEP
Address 160 W Government ST STE 308
City Pensacola State FL ZIP 32502

2 Your Internal Billing Reference

3 To
Recipient's Name SAMPLE RECEIVING Phone 850 245-0000
Company FLORIDA DEP/CHEMISTRY SECTION
Address 2600 BLAIRSTONE RD
City TALLAHASSEE State FL ZIP 32399-6542



8119 3903 9471

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
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight
2 or 3 Business Days
☐ FedEx 2Day A.M.
☐ FedEx 2Day
☐ FedEx Express Saver

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
☐ No Signature Required
☐ Direct Signature
☐ Indirect Signature
Does this shipment contain dangerous goods?
☒ No ☐ Yes
Restrictions apply for dangerous goods — see the current FedEx Service Guide.

7 Payment Bill to:

Sender's Acct. No. in Section 1 will be billed. Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No.
☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
Total Packages Total Weight 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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