

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: A. M. McNamee

Project ID: BMAP

Collected By: D. Maston, A. M. McNamee

Sampling Agency: ECUOLM

Loc: Pensacola Bay at Sanders Beach	Field ID: RQ-2017-02-27-15 Date: 3/13/17 Time: 9:40	33020J10	☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/13/17 Time 9:40 Eastern Central Matrix (type, e.g., Salt, Fresh, etc) Salt Diss. Oxygen 7.8 mg/L Temp (C) 16.3 pH 6.7 Sample Depth 0.2 ft m Sp. Conductance (umho/cm) 27,635 Salinity (ppt) 17.1 Comments	Composite end Date Total Res. Chlorine (mg/L) Bottle Group(s) (See pg 2)
Location: Bayou Chico at Mandalay Park	Field ID: RQ-2017-02-27-15 Date: 3/13/17 Time: 10:00	33020JD4	☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/13/17 Time 10:00 Eastern Central Matrix (type, e.g., Salt, Fresh, etc) Salt Diss. Oxygen 8.4 mg/L Temp (C) 17.3 pH 7.2 Sample Depth 0.2 ft m Sp. Conductance (umho/cm) 18,234 Salinity (ppt) 10.9 Comments	Composite end Date Total Res. Chlorine (mg/L) Bottle Group(s)
Location: Jones Creek at Old Corry Road	Field ID: RQ-2017-02-27-15 Date: 3/13/17 Time: 10:45	33020118	☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/13/17 Time 10:45 Eastern Central Matrix (type, e.g., Salt, Fresh, etc) Fresh Diss. Oxygen 8.4 mg/L Temp (C) 20.7 pH 6.9 Sample Depth 0.2 ft m Sp. Conductance (umho/cm) 139 Salinity (ppt) 0.1 Comments	Composite end Date Total Res. Chlorine (mg/L) Bottle Group(s)
Location: Jackson Creek at Old Corry Road	Field ID: RQ-2017-02-27-15 Date: 3/13/17 Time: 11:05	33020221	☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/13/17 Time 11:05 Eastern Central Matrix (type, e.g., Salt, Fresh, etc) Fresh Diss. Oxygen 7.9 mg/L Temp (C) 18.4 pH 6.9 Sample Depth 0.2 ft m Sp. Conductance (umho/cm) 96 Salinity (ppt) 0.0 Comments	Composite end Date Total Res. Chlorine (mg/L) Bottle Group(s)

Relinquished By: D. Maston	Date/Time: 3/13/17	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time: 03/14/17 09:46
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Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
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CHLSUITE-W

Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
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NW-UWF-ENQ

NW-UWF-FC

Group: A	Bottle Type:	P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
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TURBIDITY

Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
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W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
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CHLSUITE-W

Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
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NW-UWF-ECQ

NW-UWF-FC

Group: B	Bottle Type:	P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
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TURBIDITY

Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
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W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: A. McNamee

Project ID: BMAP

Collected By: D. Morton, A. McNamee

Sampling Agency: ECWGLM

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/13/17 Time 11:30		Eastern Central	Composite end Date Time		Bottle Group(s) (See pg 2)		
Field	Jackson Creek at New Warrington Road	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.3		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
STC	RQ-2017-02-27-15 Date: Time:	Temp (C) 18.4		pH 6.8		Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 120			
Latit	Time: ☐ dms	☐ dd ☐ dms Salinity (ppt) 0.1		Comments							
E  Field ID ↑ STORET ↓ 33020222											
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/13/17 Time 12:40		Eastern Central	Composite end Date Time		Bottle Group(s)		
Field	Bayou Chico at Navy Blvd Bridge	Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.3		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
STC	RQ-2017-02-27-15 Date: Time:	Temp (C) 17.7		pH 6.2		Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 15,404			
Latit	Time: ☐ dms	☐ dd ☐ dms Salinity (ppt) 9.1		Comments							
F  Field ID ↑ STORET ↓ 3302JE20											
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/13/17 Time 13:00		Eastern Central	Composite end Date Time		Bottle Group(s)		
Field	Bayou Chico at W Street	Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 4.7		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
STC	RQ-2017-02-27-15 Date: Time:	Temp (C) 19.8		pH 6.5		Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 7847			
Latitude	Time: ☐ dms	☐ dd ☐ dms Salinity (ppt) 4.4		Comments							
G  Field ID ↑ STORET ↓ 33020JF1											
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/13/17 Time 11:10		Eastern Central	Composite end Date Time		Bottle Group(s)		
Field	Field Blank	Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 4.7		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
ST	RQ-2017-02-27-15 Date: Time: CST	Temp (C) 19.8		pH 6.5		Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 7847			
Lat	Time: ☐ dms	☐ dd ☐ dms Salinity (ppt) 4.4		Comments Ann 3/13/17							
FIELD BLANK  Field ID ↑											

Relinquished By: Dana Morton	Date/Time 13 30	Shipping Method Fedex	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time 03/14/17 09:47am
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Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ENQ NW-UWF-FC					
Group: A	Bottle Type:	P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	TURBIDITY					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN					
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ECQ NW-UWF-FC					
Group: B	Bottle Type:	P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	TURBIDITY					
Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN					

Date of Request: 18-JAN-2017
 Created By: BUNCH_CA On: 18-JAN-2017
 Modified By: SWANSON_C On: 02-FEB-2017
 Customer: NW-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Bayou Chico BMAP

Send Coolers To:

Phone: 850-595-8300
 160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 31-JAN-2017
 Biology Request Reviewed By: SWANSON_C On: 02-FEB-2017
 Sampling Kit Required: YES Ship on: 13-FEB-2017
 Sampling Kit Shipped: YES On: 13-FEB-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 20-FEB-2017
 Received By:

Send Final Report To:

160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

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

Comments: NEED BY FEBUARY 16

Bottle Group A (Water) With 4 Samples:

Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: TEST HAS NO	Number of Bottles: 4	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by UWF Overflow Laboratory for NWD
NW-UWF-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by UWF Overflow Laboratory for NWD
Bottle Type: P-250ML	Number of Bottles: 4	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 4	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

Bottle Group B (Water) With 4 Samples:

Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: TEST HAS NO	Number of Bottles: 4	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
NW-UWF-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by UWF Overflow Laboratory for NWD
Bottle Type: P-250ML	Number of Bottles: 4	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 4	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

Log-in Checklist

RQ- 2017-02-20-15

Shipping Method: Fedex

Date/Time of Receipt: 03/14/17 9:47 am

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	-0.9	12		✓			811171115732
Red	-0.6	12		✓			811171115743

*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: ML

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

Coolers Unpacked/Checked by: ML Date: 03/14/17 NCRs (Y/N)? N

Event ID: NW DISB 2017-03-14-08 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:

00573

01000

93366

fedex.com 1.800.GoFedEx 1.800.463.3339

06325007

FedEx Package
Express US Airbill

FedEx Tracking Number **8111 7111 5743**

1 From **3/13/17**

Date **3/13/17**

Senders **Charles Burch** Phone **350.815.0571**

Company **FDEP**

Address **1600 W. Government St**

City **Pensacola** State **FL** ZIP **32502**

2 Your Internal Billing Reference

3 To Recipients Name **Phone 850.245-8085**

Company **FLORIDA DEPT/CHEMISTRY SECTION**

Address **2600 BLAINSTONE RD**

City **TALLAHASSEE** State **FL** ZIP **32399-6543**

Address **0125636852**

Use this line for the HOD location address or for continuation of your shipping address.

8111 7111 5743

Form ID No **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
FedEx First Overnight delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

☒ FedEx Priority Overnight
FedEx Priority Overnight delivery to select locations. Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.

☐ FedEx Standard Overnight
FedEx Standard Overnight delivery to select locations. Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.

2 or 3 Business Days

☐ FedEx 2Day AM
Second business morning delivery to select locations. Saturday Delivery NOT available.

☐ FedEx 2Day
Second business afternoon delivery to select locations. Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.

☐ FedEx Express Saver
Third business day delivery to select locations. 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 AM, 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
Someone at recipient's 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 not required.

☐ Shipper's Declaration not required.

☐ Restricted apply for dangerous goods — see the current FedEx Service Guide.

☐ Day/leg ☐ Cargo Aircraft Only

☐ Payment Bill to: Enter FedEx, Acct. No. or Credit Card No. below.

☐ Sender ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

☐ Total Packages ☐ Total Weight

☐ Total Packages ☐ Total Weight

☐ Total Packages ☐ Total Weight

☐ Total Packages ☐ Total Weight

For delivery is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

6111

fedex.com 1.800.GoFedEx 1.800.463.3339