

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: M. Taylor

Project ID: BMAP

Collected By: D. Norton M. Taylor

Sampling Agency: ESCW QLM

Location Pensacola Bay at Sanders Beach RQ-2017-07-17-24		 Field ID A STORET 33020J10	☐ Comp ☒ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) A	
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 5.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORE	Date: 8-21-2017 Time: 0910 CST		Temp (C) 28.6	pH 5.8	Sample Depth 0.2	☐ ft ☒ m		Sp. Conductance (umho/cm) 13158
Latitude	☐ dd ☐ dms		Salinity (ppt) 7.7	Comments				
Location Bayou Chico at Mandalay Park RQ-2017-07-17-24		 Field ID B STORET 33020JD4	☐ Comp ☒ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) B	
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORE	Date: 8-21-2017 Time: 0940 CST		Temp (C) 30.1	pH 10.8	Sample Depth 0.20	☐ ft ☒ m		Sp. Conductance (umho/cm) 11420
Latitude	☐ dd ☐ dms		Salinity (ppt) 10.6	Comments				
Location Jones Creek at Old Corry Road RQ-2017-07-17-24		 Field ID C STORET 33020118	☐ Comp ☒ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) A	
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORE	Date: 8-21-2017 Time: 1010 CST		Temp (C) 26.7	pH 7.0	Sample Depth 0.20	☐ ft ☒ m		Sp. Conductance (umho/cm) 253
Latitude	☐ dd ☐ dms		Salinity (ppt) 0.1	Comments				
Location Jackson Creek at Old Corry Road RQ-2017-07-17-24		 Field ID D STORET 33020221	☐ Comp ☒ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) A	
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.1	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORE	Date: 8-21-2017 Time: 1045 CST		Temp (C) 26.1	pH 6.7	Sample Depth 0.20	☐ ft ☒ m		Sp. Conductance (umho/cm) 135
Latitude	☐ dd ☐ dms		Salinity (ppt) 0.1	Comments Turbidity high at site 29.10 NTU				

Relinquished By: Mollie Taylor	Date/Time: 8-21-2017/1324	Shipping Method: Fed Ex	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time: 8-22-17
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11420

Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
NW-UWF-ENQ						
Group: A	Bottle Type:	P-250ML	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
TURBIDITY						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W						
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
NW-UWF-ECQ						
Group: B	Bottle Type:	P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
TURBIDITY						
Group: B	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						

Bayou Chico BMAP

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By:

Project ID: BMAP

Collected By:

D. Morton M. Taylor

Sampling Agency:

Escrowum

Location	Jackson Creek at New Warrington Road RQ-2017-07-17-24	Field ID	E	STORET #	Date: 8.21.2017 Time: 1105 CST	Latitude	33020222	dd	dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	6.2	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	Temp (C)	27.2	pH	6.7	Sample Depth	0.2	☐ ft ☒ m	Sp. Conductance (umho/cm)	123		A
Salinity (ppt)	0.1	Comments: Turbidity high at site 9.77 NTU														
Location	Bayou Chico at Navy Blvd Bridge RQ-2017-07-17-24	Field ID	F	STORET #	Date: 8.21.2017 Time: 1245 CST	Latitude	3302JE20	dd	dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)	Salt	Diss. Oxygen	9.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	Temp (C)	32.9	pH	6.4	Sample Depth	0.2	☐ ft ☒ m	Sp. Conductance (umho/cm)	15099		B
Salinity (ppt)	7.6	Comments:														
Location	Bayou Chico at W Street RQ-2017-07-17-24	Field ID	G	STORET #	Date: 8.21.2017 Time: 1305 CST	Latitude	33020JF1	dd	dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)	Fresh / br salt	Diss. Oxygen	4.1	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	Temp (C)	28.0	pH	6.9	Sample Depth	0.2	☐ ft ☒ m	Sp. Conductance (umho/cm)	2265		A
Salinity (ppt)	1.2	Comments:														
Location		Field ID		STORET #		Latitude		dd	dms	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	Temp (C)		pH		Sample Depth		☐ ft ☐ m	Sp. Conductance (umho/cm)			
Salinity (ppt)		Comments:														

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Mollie A. Jaffer	8.21.2017 / 1324	FedEx	2	ABP	8-22-17 / 1102

Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>7</u> <u>5</u>
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
Group: A	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>2</u> <u>5</u>
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 5	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u> <u>5</u>
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
Group: B	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	

Date of Request: 19-JUN-2017
 Created By: BUNCH_CA On: 19-JUN-2017
 Modified By: MATTHEWS_D On: 30-JUN-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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 26-JUN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 30-JUN-2017
 Sampling Kit Required: YES Ship on: 30-JUN-2017
 Sampling Kit Shipped: YES On: 03-JUL-2017
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 17-JUL-2017
 Received By: SHAIK_A On: 22-AUG-2017

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:**Bottle Group A (Water) With 5 Samples:**

Bottle Type: BP-1L	Number of Bottles: 5	Preserved With: ICE
CHLSUITE-W	Template:	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: TEST HAS NO	Number of Bottles: 5	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by UWF Overflow Laboratory for NWD
Bottle Type: P-250ML	Number of Bottles: 5	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 5	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 2 Samples:

Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template:	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: TEST HAS NO	Number of Bottles: 2	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
Bottle Type: P-250ML	Number of Bottles: 2	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
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

Log-in Checklist

RQ- 2017-07-17-24

Shipping Method: FedEx

Date/Time of Receipt: 8-22-17 11:29

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	1.1C	9		✓			
Red	2.7C	12		✓			

*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: ABE

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

Coolers Unpacked/Checked by: ABE Date: 8-22-17 NCRs (Y/N)? N

Event ID: Bayou Chico BMAP
NW-DIST-2017-08-22-01 (BMAP)
 Date Received: 22-AUG-2017 10:20

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:

to
Phone

company

ROSS
Dept./Floor/Suite/Room

State ZIP

or Internal Billing Reference

recipient's
to
Phone

company

ROSS
Dept./Floor/Suite/Room

via time for the HOLD location address or for continuation of your shipping address.

State ZIP



8115 9628 0594

to
Phone

company

ROSS
Dept./Floor/Suite/Room

State ZIP

or Internal Billing Reference

recipient's
to
Phone

company

address
Dept./Floor/Suite/Room

via time for the HOLD location address or for continuation of your shipping address.

State ZIP

City



0126912290

4 Express Package Service

* To most locations.

Packages up to 150 lbs.
For packages over 150 lbs., see 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?

- ☐ No ☐ Yes As per attached Shipper's Declaration ☐ Yes Shipper's Declaration not required ☐ Dry Ice Dry Ice, 5 UN 1845 ☐ Cargo Aircraft Only

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

7 Payment Bill to:

- ☐ Sender Acct. No. in Section I will be billed ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages Total Weight 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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4 Express Package Service

* To most locations.

Packages up to 150 lbs.
For packages over 150 lbs., see 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.
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- ☐ No ☐ Yes As per attached Shipper's Declaration ☐ Yes Shipper's Declaration not required ☐ Dry Ice Dry Ice, 5 UN 1845 ☐ Cargo Aircraft Only

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Total Packages Total Weight Credit Card Auth.

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