

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Bayou Chico BMAP

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Cheryl Bunch

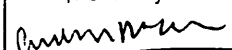
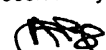
Field Report Prepared By: A. McChesney

Project ID: BMAP

Collected By: D. Morton, A. McChesney, D. Flosser

Sampling Agency: Escambia County

Location	Location: Pensacola Bay		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/15/17 Time 9:40	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	@ Sanders Beach	Field ID A		Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 6.1	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORE	Date: RQ-2017-04-17-09 Time: CST	STORET		Temp (C) 25.1	pH 7.7	Sample Depth 0.2	Sp. Conductance (umho/cm) 31092
Latitude	☐ dd ☐ dms	33020J10	☐ dd ☐ dms	Salinity (ppt) 19.6	Comments		
Location	Location: Bayou Chico @ Mandalay Park		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/15/17 Time 10:10	Eastern Central	Composite end Date Time	Bottle Group(s)
Field	RQ-2017-04-17-09	Field ID B		Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 6.1	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STO	Date: RQ-2017-04-17-09 Time: CST	STORET		Temp (C) 27.2	pH 7.6	Sample Depth 0.2	Sp. Conductance (umho/cm) 2,088
Latiti	☐ dd ☐ dms	33020JD4	☐ dd ☐ dms	Salinity (ppt) 16.9	Comments		
Location	Location: Jones Creek @ Old Corry Road		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/15/17 Time 10:45	Eastern Central	Composite end Date Time	Bottle Group(s)
Field	RQ-2017-04-17-09	Field ID C		Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 2.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STO	Date: RQ-2017-04-17-09 Time: CST	STORET		Temp (C) 26.0	pH 7.1	Sample Depth 0.2	Sp. Conductance (umho/cm) 18,858
Latiti	☐ dd ☐ dms	33020118	☐ dd ☐ dms	Salinity (ppt) 11.4	Comments		
Location	Location: Jackson Creek @ Old Corry Road		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/15/17 Time 11:10	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-04-17-09	Field ID D		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 7.7	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET	Date: RQ-2017-04-17-09 Time: CST	STORET		Temp (C) 25.0	pH 7.8	Sample Depth 0.2	Sp. Conductance (umho/cm) 119
Latitude	☐ dd ☐ dms	33020221	☐ dd ☐ dms	Salinity (ppt) 0.1	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	5/15/17 14:25	Fedex	2		5-16-17, 9:50

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						
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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W						
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
NW-UWF-ECQ						
Group: B	Bottle Type:	P-250ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
TURBIDITY						
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
W-NH3						
W-NO2NO3						
W-S-A-TP						
W-TKN						

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Bayou Chico BMAP

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: A. McCarver

Project ID: BMAP

Collected By: D. Merton, A. McCarver, D. FisherSampling Agency: Escambia County

Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Location: Jackson Creek @ New Warrington Road RQ-2017-04-17-09 Date: Time: CST		Field ID <u>E</u> STORET 33020222		Date <u>5/15/17</u> Time <u>11:40</u>		<u>Central</u>		Date _____ Time _____		(See pg 2)	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)					
<u>Fresh</u>		<u>7.6</u>									
Temp (C) <u>27.2</u>		pH <u>7.6</u>		Sample Depth <u>0.2</u>		☐ ft ☒ m		Sp. Conductance (umho/cm) <u>125</u>			
Salinity (ppt) <u>0.1</u>		Comments									
dd ☐ dms ☐											
Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Location: Bayou Chico @ Navy Blvd Bridge RQ-2017-04-17-09 Date: Time: CST		Field ID <u>F</u> STORET 3302JE20		Date <u>5/15/17</u> Time <u>13:00</u>		<u>Central</u>		Date _____ Time _____			
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)					
<u>Salt</u>		<u>7.1</u>									
Temp (C) <u>29.5</u>		pH <u>6.9</u>		Sample Depth <u>0.2</u>		☐ ft ☒ m		Sp. Conductance (umho/cm) <u>24,462</u>			
Salinity (ppt) <u>15.1</u>		Comments									
dd ☐ dms ☐											
Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Location: Bayou Chico @ W Street RQ-2017-04-17-09 Date: Time: CST		Field ID <u>G</u> STORET 33020JF1		Date <u>5/15/17</u> Time <u>13:15</u>		<u>Central</u>		Date _____ Time _____			
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)					
<u>Fresh</u>		<u>4.7</u>									
Temp (C) <u>28.2</u>		pH <u>7.0</u>		Sample Depth <u>0.2</u>		☐ ft ☒ m		Sp. Conductance (umho/cm) <u>7116</u>			
Salinity (ppt) <u>4.0</u>		Comments									
dd ☐ dms ☐											
Location		☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID		Date _____ Time _____		Date _____ Time _____		Central		Date _____ Time _____			
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: <u>A. McCarver</u>	Date/Time: <u>5/15/17 14:25</u>	Shipping Method: <u>By 5/15/17 Fisher</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>APB</u>	Date/Time: <u>5-16-17, 9:50</u>
-------------------------------------	---------------------------------	---	-------------------------------------	-------------------------	---------------------------------

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						
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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W						
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
NW-UWF-ECQ						
Group: B	Bottle Type:	P-250ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
TURBIDITY						
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
W-NH3						
W-NO2NO3						
W-S-A-TP						
W-TKN						

Date of Request: 21-FEB-2017
 Created By: BUNCH_CA On: 21-FEB-2017
 Modified By: MATTHEWS_D On: 03-APR-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: 24-MAR-2017
 Biology Request Reviewed By: MATTHEWS_D On: 03-APR-2017
 Sampling Kit Required: YES Ship on: 04-APR-2017
 Sampling Kit Shipped: YES On: 04-APR-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 17-APR-2017
 Received By: SHAIK_A On: 16-MAY-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 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
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 3 Samples:

Bottle Type: BP-1L	Number of Bottles: 3	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: 3	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: 3	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 3	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- 2017-04-17-09

Shipping Method: Fed Exp

Date/Time of Receipt: 05-16-17 19:50

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	1-8C	12		✓			8103 9283 5752
Red	2-1C	9		✓			8103 9283 574

*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:

Coolers Unpacked/Checked by: ABP Date: 5-16-17 NCRs (Y/N)?

Event ID: Bayou Chico BMAP NCR #
NW-DIST-2017-05-16-01 (BMAP)

Date Received: 16-MAY-2017 09:50

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: