

Bayou Chico BMAP

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: R. Cummins

Project ID: BMAP

Collected By: D. Morton

Sampling Agency: ESC/NOELM

Location	Pensacola Bay at Sanders Beach	Field ID	Field ID STORET 33020J10	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/10/17 Time 9:35	Eastern Central	Composite end Date	Bottle Group(s) (See pg 2)
Field	RQ-2017-06-19-11	Matrix (type, e.g., Salt, Fresh, etc)	Salt	Diss. Oxygen	6.3 85	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
STORE	Date: 7/10/2017 Time: 9:35	Temp (C)	30.5	pH	6.2	Sample Depth	0.2	Sp. Conductance (umho/cm) 6556
Latitude		Salinity (ppt)	3.6	Comments				
		☐ dd ☐ dms						
Location	Bayou Chico at Mandalay Park	Field ID	Field ID STORET 33020JD4	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/10/17 Time 7:10	Eastern Central	Composite end Date	Bottle Group(s)
Field	RQ-2017-06-19-11	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	7.8 107	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
STORE	Date: 7-10-2017 Time: 10:10	Temp (C)	31.5	pH	6.6	Sample Depth	0.2	Sp. Conductance (umho/cm) 5749
Latitude		Salinity (ppt)	3.2	Comments				
		☐ dd ☐ dms						
Location	Jones Creek at Old Corry Road	Field ID	Field ID STORET 33020118	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/10/17 Time 10:45	Eastern Central	Composite end Date	Bottle Group(s)
Field	RQ-2017-06-19-11	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	4.1 51	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
STORE	Date: 7/10/2017 Time: 10:45	Temp (C)	26.4	pH	6.8	Sample Depth	0.2	Sp. Conductance (umho/cm) 84
Latitude		Salinity (ppt)	0.0	Comments				
		☐ dd ☐ dms						
Location	Jackson Creek at Old Corry Road	Field ID	Field ID STORET 33020221	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/10/17 Time 11:10	Eastern Central	Composite end Date	Bottle Group(s)
Field	RQ-2017-06-19-11	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	7.0 85	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
STORE	Date: 7/10/2017 Time: 11:10	Temp (C)	25.5	pH	6.6	Sample Depth	0.2	Sp. Conductance (umho/cm) 134
Latitude		Salinity (ppt)	0.1	Comments				
		☐ dd ☐ dms						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	7/10/17 1600	Fedex	2	Tyler Reynolds	07/11/17 @10:05

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						

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Project ID: BMAP

Collected By: D. Mortan

Sampling Agency: ESC/WQLM

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 7/10/17 Time 11:35		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID Jackson Creek at New Warrington Road RQ-2017-06-19-11		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.9		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)			
STC Date: 7/10/17 Time: 11:35		Temp (C) 26.8		pH 6.6		Sample Depth 0.2		☐ ft ☒ m		Sp. Conductance (umho/cm) 124	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.1		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 7/10/17 Time 13:00		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID Bayou Chico at Navy Blvd Bridge RQ-2017-06-19-11		Matrix (type, e.g., Salt, Fresh, etc) 0.1		Diss. Oxygen 8.0		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)			
STC Date: 7/10/17 Time: 13:00		Temp (C) 31.1		pH 6.5		Sample Depth 0.2		☐ ft ☒ m		Sp. Conductance (umho/cm) 2989	
Latitude		☐ dd ☐ dms		Salinity (ppt) 1.6		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 7/10/17 Time 13:30		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID Bayou Chico at W Street RQ-2017-06-19-11		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 3.6		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)			
STORE Date: 7/10/17 Time: 13:30		Temp (C) 28.0		pH 6.7		Sample Depth 0.2		☐ ft ☒ m		Sp. Conductance (umho/cm) 174	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.1		Comments					
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)			
STORE #		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By: [Signature]	Date/Time: 7/10/17 1600	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: Tyler Reynolds	Date/Time: 07/11/17
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10:05-

Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

Date of Request: 19-APR-2017
 Created By: BUNCH_CA On: 19-APR-2017
 Modified By: MATTHEWS_D On: 06-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: CLONE_TEMP On: 02-JUN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 06-JUN-2017
 Sampling Kit Required: YES Ship on: 07-JUN-2017
 Sampling Kit Shipped: YES On: 07-JUN-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 19-JUN-2017
 Received By: REYNOLDS_T On: 11-JUL-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:	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin 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:	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin 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- 2017-06-19-11

Shipping Method: Fedex

Date/Time of Receipt: 07/11/17 @ 10:05 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°C	01		✓			8115 9551 8097
Red	1.2°C	12		✓			8115 9551 8134

*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: ME

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

Coolers Unpacked/Checked by: ME Date: 07/11/17

NCRs (Y/N)? N

Event ID: NW-DIST-2017-07-02

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: