

Bayou Chico BMAP

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: A. McCarver

Project ID: BMAP

Collected By: M. Taylor, A. McCarverSampling Agency: ECWQLM

Location Field ID STORET Date: 10/17/2016 Time: CST 33020J10		☐ Comp ☒ Grab Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 19.3 pH 7.0 Salinity (ppt) 27.7 Comments		Collection (comp begin or grab) Date 11/14/16 Time 8:05 Diss. Oxygen 6.6 Sample Depth 0.2 Eastern Central Composite end Date Time		Bottle Group(s) (See pg 2) Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 42,629			
Location: Pensacola Bay at Sanders Beach		☐ dd ☐ dms		☐ Comp ☒ Grab Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 18.7 pH 7.4 Salinity (ppt) 22.5 Comments		Collection (comp begin or grab) Date 11/14/16 Time 8:25 Diss. Oxygen 6.6 Sample Depth 0.2 Eastern Central Composite end Date Time		Bottle Group(s) (See pg 2) Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 35,386	
Location: Bayou Chico at Mandalay Park		☐ dd ☐ dms		☐ Comp ☒ Grab Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 22.4 pH 7.2 Salinity (ppt) 19.3 Comments		Collection (comp begin or grab) Date 11/14/16 Time 8:50 Diss. Oxygen 3.0 Sample Depth 0.2 Eastern Central Composite end Date Time		Bottle Group(s) (See pg 2) Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 30,652	
Location: Jones Creek at Old Corry Road		☐ dd ☐ dms		☐ Comp ☒ Grab Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 20.0 pH 8.2 Salinity (ppt) 0.1 Comments		Collection (comp begin or grab) Date 11/14/16 Time 9:10 Diss. Oxygen 7.9 Sample Depth 0.2 Eastern Central Composite end Date Time		Bottle Group(s) (See pg 2) Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 149	
Location: Jackson Creek at Old Corry Road									

Relinquished By: <u>Amber McCarver</u>	Date/Time: <u>11/14/16 10:30</u>	Shipping Method: <u>Courier</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>SK</u>	Date/Time: <u>11/15/16/10:15</u>
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Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: NW-UWF-FC	TEST HAS NO BOTTLE	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 7	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: 7	Preservative:	ICE And H2SO4	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: C	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____

Bayou Chico BMAP

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: A. McNamee

Project ID: BMAP

Collected By: M. Taylor, A. McNameeSampling Agency: FLWGLM

Location Location: Jackson Creek at New Warrington Road RQ-2016-10-17-17 Date: 10/17/2016 Time: CST		Field ID E STORET 33020222		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/14/16 Time 9:40	Eastern ☒ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
				Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
				Temp (C) 19.8	pH 7.9	Sample Depth 0.2	☒ ft ☐ m	Sp. Conductance (umho/cm) 133
Lat. ☐ dd ☐ dms				☐ dd ☐ dms	Salinity (ppt) 0.1	Comments		
Location Location: Bayou Chico at Navy Blvd Bridge RQ-2016-10-17-17 Date: 10/17/2016 Time: CST		Field ID F STORET 3302JE20		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/14/16 Time 9:50	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
				Matrix (type, e.g., Salt, Fresh, etc) Fresh Salt		Diss. Oxygen 7.5 4.2	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
				Temp (C) 22.2	pH 7.9 6.9	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 37,366
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt) 24.0	Comments		
Location Location: Bayou Chico at W Street RQ-2016-10-17-17 Date: 10/17/2016 Time: CST		Field ID G STORET 33020JF1		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/14/16 Time 10:10	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
				Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 3.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
				Temp (C) 22.2	pH 7.0	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 18,187
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt) 10.9	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)
STORET #				Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: <u>A. McNamee</u>	Date/Time 11/17/16 10:30	Shipping Method Cooler	Number of Coolers Shipped: 2	Received By: <u>SK</u>	Date/Time 11-18-16/10:30
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Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: NW-UWF-FC	TEST HAS NO BOTTLE	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 7	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: 7	Preservative: ICE And H2SO4	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: C	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab _____

Date of Request: 15-SEP-2016
 Created By: BUNCH_CA On: 15-SEP-2016
 Modified By: MATTHEWS_D On: 27-SEP-2016
 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: 26-SEP-2016
 Biology Request Reviewed By: MATTHEWS_D On: 27-SEP-2016
 Sampling Kit Required: YES Ship on: 07-OCT-2016
 Sampling Kit Shipped: YES On: 11-OCT-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: NO
 Date to Receive Samples: 17-OCT-2016
 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:**Bottle Group A (Water) With 7 Samples:**

Bottle Type: BP-1L	Number of Bottles: 7	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: 7	Preserved With: ICE
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: 7	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 7	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: 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 Group C (Water) With 5 Samples:

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

RQ- 2016-10-17-17

Log-in Checklist

Shipping Method: IndexDate/Time of Receipt: 11/15/16 10:30 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	
<u>Red</u>	<u>1.3</u>	<u>9</u>		☒			<u>876861045006</u>
<u>Red</u>	<u>-1.1</u>	<u>12</u>		☒			<u>810412615853</u>

*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					

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: SK

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

Coolers Unpacked/Checked by: W Date: 11/15/16

NCRs (Y/N)? N

Event ID: NW-DIST-2016-11-15-01

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: