

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Bayou Chico BMAP

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: A. McCarver

Project ID: BMAP

Collected By: P. Morton, A. McCarver

Sampling Agency: ECV&Cm

Location	Location: Pensacola Bay at Sanders Beach RQ-2017-01-16-03 Date: Time: CST	Field ID STORET 33020J10	☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/13/17 Time 9:20 Eastern Central Matrix (type, e.g., Salt, Fresh, etc) Salt Diss. Oxygen 8.6 Temp (C) 18.1 pH 7.0 Sample Depth 0.2 Salinity (ppt) 14.1 Comments	Composite end Date Time mg/L Total Res. Chlorine (mg/L) % sat Sp. Conductance (umho/cm) 23,073 ft m dd dms	Bottle Group(s) (See pg 2)
Location	Location: Bayou Chico at Mandalay Park RQ-2017-01-16-03 Date: Time: CST	Field ID STORET 33020JD4	☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/13/17 Time 9:50 Eastern Central Matrix (type, e.g., Salt, Fresh, etc) Salt Diss. Oxygen 8.1 Temp (C) 19.3 pH 7.1 Sample Depth 0.2 Salinity (ppt) 9.5 Comments	Composite end Date Time mg/L Total Res. Chlorine (mg/L) % sat Sp. Conductance (umho/cm) 16,013 ft m dd dms	Bottle Group(s)
Location	Location: Jones Creek at Old Corry Road RQ-2017-01-16-03 Date: Time: CST	Field ID STORET 33020118	☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/13/17 Time 10:20 Eastern Central Matrix (type, e.g., Salt, Fresh, etc) Fresh Diss. Oxygen 5.4 Temp (C) 19.2 pH 7.5 Sample Depth 0.2 Salinity (ppt) Comments	Composite end Date Time mg/L Total Res. Chlorine (mg/L) % sat Sp. Conductance (umho/cm) 79 ft m dd dms	Bottle Group(s)
Location	Location: Jackson Creek at Old Corry Road RQ-2017-01-16-03 Date: Time: CST	Field ID STORET 33020221	☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/13/17 Time 10:40 Eastern Central Matrix (type, e.g., Salt, Fresh, etc) Fresh Diss. Oxygen 8.4 Temp (C) 20.7 pH 6.9 Sample Depth 0.1 Salinity (ppt) 0.1 Comments	Composite end Date Time mg/L Total Res. Chlorine (mg/L) % sat Sp. Conductance (umho/cm) 139 ft m dd dms	Bottle Group(s)

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				<i>[Signature]</i>	02/14/17 9:55

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 _____

Request Number: RQ-2017-01-16-03

Florida Department of Environmental Protection

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last revised Apr 7, 2016

Bayou Chico BMAP

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: A. McCarver

Project ID: BMAP

Collected By: D. Morton, A. McCarverSampling Agency: ECOLOG

Location	Location: Jackson Creek at New Warrington Road RQ-2017-01-16-03 Date: CST Time: CST		Field ID STORET 33020222	☐ Comp ☒ Grab Collection (comp begin or grab) Date <u>2/13/17</u> Time <u>11:10</u> Eastern <u>Central</u> Composite end Date Time	☒ mg/L ☐ % sat Diss. Oxygen <u>7.8</u> Total Res. Chlorine (mg/L)	Bottle Group(s) (See pg 2)	
Field ID	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Temp (C) <u>21.2</u> pH <u>6.9</u>	Sample Depth <u>0.2</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>124</u>		
STORET	Salinity (ppt) <u>0.1</u>		Comments				
Latitude	☐ dd ☐ dms						
Location	Location: Bayou Chico at Navy Blvd Bridge RQ-2017-01-16-03 Date: CST Time: CST		Field ID STORET 3302JE20	☐ Comp ☒ Grab Collection (comp begin or grab) Date <u>2/13/17</u> Time <u>11:55</u> Eastern <u>Central</u> Composite end Date Time	☒ mg/L ☐ % sat Diss. Oxygen <u>7.3</u> Total Res. Chlorine (mg/L)	Bottle Group(s)	
Field ID	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Temp (C) <u>21.1</u> pH <u>6.2</u>	Sample Depth <u>0.2</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>11,934</u>		
STORET	Salinity (ppt) <u>6.9</u>		Comments				
Latitude	☐ dd ☐ dms						
Location	Location: Bayou Chico at W Street RQ-2017-01-16-03 Date: CST Time: CST		Field ID STORET 33020JF1	☐ Comp ☒ Grab Collection (comp begin or grab) Date <u>2/13/17</u> Time <u>12:30</u> Eastern <u>Central</u> Composite end Date Time	☒ mg/L ☐ % sat Diss. Oxygen <u>6.3</u> Total Res. Chlorine (mg/L)	Bottle Group(s)	
Field ID	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Temp (C) <u>21.9</u> pH <u>6.8</u>	Sample Depth <u>0.2</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>235</u>		
STORET	Salinity (ppt) <u>0.1</u>		Comments				
Latitude	☐ dd ☐ dms						
Location			Field ID	☐ Comp ☐ Grab Collection (comp begin or grab) Date Time Eastern Central Composite end Date Time	☐ mg/L ☐ % sat Diss. Oxygen Total Res. Chlorine (mg/L)	Bottle Group(s)	
STORET #			Temp (C)	pH	Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: <u>J. J. J.</u>	Date/Time <u>02/14/17 9:55a</u>
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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: 01-DEC-2016
 Created By: BUNCH_CA On: 01-DEC-2016
 Modified By: MATTHEWS_D On: 28-DEC-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: 28-DEC-2016
 Biology Request Reviewed By: MATTHEWS_D On: 28-DEC-2016
 Sampling Kit Required: YES Ship on: 11-JAN-2017
 Sampling Kit Shipped: YES On: 10-JAN-2017
 Sampling Kit Packed By: WATTS_J
 Preservatives Needed: NO
 Date to Receive Samples: 16-JAN-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 KIT BY JANUARY 12, 2017

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- 2017-01-16-03

Shipping Method: Fedex

Date/Time of Receipt: 02/14/17 9:55am

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	-1.1	15		✓			810414057948
Blue	-0.7	6		✓			810414057937

*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: MR

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

Coolers Unpacked/Checked by: MR Date: 02/14/17 NCRs (Y/N)? N

Event ID: NW-DIST-2017-02-14-01 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: