

RQ-2018-01-22-05

Log-in Checklist

Shipping Method:

Fedex

Date/Time of Receipt:

2-13-18/9:25

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	Yes	No		
Red	0.0	21		✓			

*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:

SR

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes

No

NA

Init:

SR

Coolers Unpacked/Checked by:

SR

Date:

2-13-18

NCRs (Y/N)?

N

Event ID:

NW-DIST-2018-02-13-01

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:

Bayou Chico BMAP

Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: Ryn Cummins

Project ID: BMAP

Collected By: Escambia County WQLM

Sampling Agency: Escambia County

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2/12/18</u> Time <u>10:15</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	Pensacola Bay at Sanders Beach RQ-2018-01-22-05	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>8.5</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
WIN/ST	Date: <u>2/12/18</u> Time: <u>10:15</u>	Temp (C) <u>17.4</u>	pH <u>7.7</u>	Sample Depth <u>0.2</u>	Sp. Conductance (umho/cm) <u>20656</u>	
Latitude	<u>33020J10</u> Field ID <u>↑</u> STORET <u>↓</u>	☐ dd ☐ dms	Salinity (ppt) <u>12.5</u>	Comments		
Location	Bayou Chico at Mandalay Park RQ-2018-01-22-05	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2/12/18</u> Time <u>10:35</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>7.2</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/ST	Date: <u>2/12/18</u> Time: <u>10:35</u>	Temp (C) <u>17.8</u>	pH <u>6.2</u>	Sample Depth <u>0.2</u>	Sp. Conductance (umho/cm) <u>1711</u>	
Latitude	<u>33020JD4</u> Field ID <u>↑</u> STORET <u>↓</u>	☐ dd ☐ dms	Salinity (ppt) <u>0.9</u>	Comments		
Location	Jones Creek at Old Corry Road RQ-2017-01-22-05	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2/12/18</u> Time <u>11:10</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>7.0</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/ST	Date: <u>2/12/18</u> Time: <u>11:10</u>	Temp (C) <u>17.5</u>	pH <u>5.9</u>	Sample Depth <u>0.2</u>	Sp. Conductance (umho/cm) <u>42</u>	
Latitude	<u>33020118</u> Field ID <u>↑</u> STORET <u>↓</u>	☐ dd ☐ dms	Salinity (ppt) <u>0.0</u>	Comments		
Location	Jackson Creek at Old Corry Road RQ-2018-01-22-05	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2/12/18</u> Time <u>11:35</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>8.1</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/ST	Date: <u>2/12/18</u> Time: <u>11:35</u>	Temp (C) <u>19.9</u>	pH <u>6.7</u>	Sample Depth <u>0.2</u>	Sp. Conductance (umho/cm) <u>169</u>	
Latitude	<u>33020221</u> Field ID <u>↑</u> STORET <u>↓</u>	☐ dd ☐ dms	Salinity (ppt) <u>0.1</u>	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>[Signature]</u>	<u>2/12/18 1600</u>	<u>Fedex</u>	<u>1</u>	<u>SR</u>	<u>2-13-18/9:25</u>

Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: A	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
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	4
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
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	2
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1

Request Number: RQ-2018-01-22-05

Bayou Chico BMAP

Florida Department of Environmental Protection

Central Laboratory Submittal Form

P92
Page 1 of 2

last revised Jan 3, 2018

Customer: NW-DIST

Project ID: BMAP

Requester: Cheryl Bunch

Collected By:

Escambia County WQLM

Field Report Prepared By:

Ryan Cummins

Sampling Agency:

Location	Jackson Creek at New Warrington Road RQ-2018-01-22-05	Field ID	E 33020222	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/12/18 Time 11:55	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
WIN/STO	Date: 2/12/18 Time: 11:55	Field ID	STORET 33020222	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 7.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Latitude	☐ dd ☐ dms	Temp (C) 20.3	pH 6.5	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm)	108	
Location	Bayou Chico at Navy Blvd Bridge RQ-2018-01-22-05	Field ID	F 3302JE20	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/12/18 Time 14:10	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN/S	Date: 2/12/18 Time: 14:10	Field ID	STORET 3302JE20	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 7.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Latitude	☐ dd ☐ dms	Temp (C) 18.3	pH 6.8	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm)	6233	
Location	Bayou Chico at W Street RQ-2018-01-22-05	Field ID	G 33020JF1	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/12/18 Time 14:30	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN/	Date: 2/12/18 Time: 14:30	Field ID	STORET 33020JF1	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 6.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Latitude	☐ dd ☐ dms	Temp (C) 18.9	pH 6.8	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm)	82	
Location		Field ID		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Latitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				OR	2-13-18 9:25

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

Project:	FDEP (Bayou Chico BMAP)	Laboratory:	Wetlands Research Laboratory	Sampler's initials :	
Method of transport:	on ice, by hand	Page 1 of 1			
Samples delivered by:	of	Date/Time:			
Sample received by:	of	Date/Time:			

[illegible]

Contact organization:	Escambia County and FDEP	Contact name:	Dana Morton 595-1865 , Cheryl Bunch	Phone:	595-0571
Address	3363 West Park Place, Pensacola, FL 32505	Sampler's name:			

²Type codes: G = grab, C = composite, X =

Date of Request: 11-DEC-2017
 Created By: BUNCH_CA On: 11-DEC-2017
 Modified By: SWANSON_C On: 09-JAN-2018
 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

Send Final Report To:

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: 08-JAN-2018
 Biology Request Reviewed By: SWANSON_C On: 09-JAN-2018
 Sampling Kit Required: YES Ship on: 12-JAN-2018
 Sampling Kit Shipped: YES On: 12-JAN-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 22-JAN-2018
 Received By:

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, 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 2 Samples:

Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(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 Collert 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

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML	Number of Bottles: 1	Preserved With: ICE
----------------------	----------------------	---------------------

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML	Number of Bottles: 1	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 1	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 Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Do Not Lift Using This Tag

ORIGIN ID: PNSA (850) 695-8300
CHERYL BUNCH
FL DEP NORTHWEST DISTRICT
160 W GOVERNMENT CENTER
STE 308
PENSACOLA, FL 32502
UNITED STATES US

SHIP DATE: 29 JAN 18
ACTWGT: 30.00 LB
CAD: 100182099/NET3980

TO **AMZAD SHAIK**
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399

(850) 245-8085

REF:

INV:

PO:

DEPT:

RMA:



FedEx
Express



5521/122D/CAS

FedEx

TRK#
0221 7907 7195 8672

DELIVERY MON EDT
TUE - 13 FEB 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399
FL-US
TLH



FID 974582 12FEB18 PNSA 546C1/122D/0C8A

RT **856**

FZ

1
10:30 **B**
8672
02.13