

RQ-2019-11-04-45

Login Checklist

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 12/11/19 @ 10:35

Cooler Temperature*	Samples Frozen	* All samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
2.0°C				12		X			1278 4009 1102
2.4°C				12		X			1278 4008 7599

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; An NCR still is required.

**Chain of Custody/ Field Sheet(s) Included? Yes ☒ No ☐Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

**Note: If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

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 REQUIRED? (Blue dot on container)

Yes ☐ No ☒ Init: Jylup

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init:

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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

Acid Preserved Samples: pH < 2.0? Yes ☒ No ☐ NA ☐ Init: JylupW-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☐ NA ☒ Init: JylupCoolers Unpacked/Checked by: Jylup Reynolds Date: 12/11/19NCRs (Y/N)? None YESEvent ID: Bayou Chico BMAP/Blank
NW-DIST-2019-12-11-01 (BMAP)NCR # 8065

Date Received: 11-DEC-2019 10:35

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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

Additional Comments:

Infrared Thermometer ID:	Temp Gun #4 / Due 11-5-20
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	213316AV Exp: 5-15-20
pH Paper 0 – 13 Lot #	208117 Exp: 3-31-20
Chlorine Test Strips Lot #	8261 Exp: 07/2020

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No X

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Cheryl Bunch

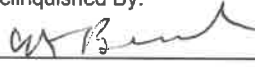
Field Report Prepared By: Ryan Cummings

Project ID: BMAP

Collected By: Escambia County

Sampling Agency: Escambia Co

Location	WIN ID/Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-9-19 Time 950	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)	
Field ID		33020J0		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STOI	Location			Temp (C)	pH	Sample Depth	☐ ft ☒ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				C
Location	WIN ID/Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-9-19 Time 945	Eastern Central	Composite end Date	Time	Bottle Group(s)	
Field ID		33020J10		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STOI	Location			Temp (C)	pH	Sample Depth	☐ ft ☒ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Pensacola Bay at Sanders Beach-Bottle Group C	☐ dd ☐ dms	Salinity (ppt)	Comments				C
Location	WIN ID/Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-9-19 Time 1020	Eastern Central	Composite end Date	Time	Bottle Group(s)	
Field ID		33020JD4		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STOI	Location			Temp (C)	pH	Sample Depth	☐ ft ☒ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Bayou Chico at Mandalay Drive-Bottle Group A	☐ dd ☐ dms	Salinity (ppt)	Comments				A
Location	WIN ID/Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-9-19 Time 1115	Eastern Central	Composite end Date	Time	Bottle Group(s)	
Field ID		33020Z21		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STOI	Location			Temp (C)	pH	Sample Depth	☐ ft ☒ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Jackson Creek @ Old Corry Road-Bottle Group B	☐ dd ☐ dms	Salinity (ppt)	Comments				B

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	12/9/19 1630	FedEx	2	Judy Reynolds	12/11/19 @ 10:30

Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
CHLSUITE-W							
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	overflow Lab
NW-UWF-ENQ							
Group: A	Bottle Type:	P-250ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
TURBIDITY							
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
		W-NH3			H2SO4		
		W-NO2NO3			LOT# SA9010030		
		W-S-A-TP			EXP: 04/10/2020		
		W-TKN					
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
CHLSUITE-W							
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	overflow Lab
NW-UWF-ECQ							
Group: B	Bottle Type:	P-250ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
TURBIDITY							
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
		W-NH3			H2SO4		
		W-NO2NO3			LOT# SA9010030		
		W-S-A-TP			EXP: 04/10/2020		
		W-TKN					
Group: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
CHLSUITE-W							
Group: C	Bottle Type:	P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
TURBIDITY							
Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
		W-NH3			H2SO4		
		W-NO2NO3			LOT# SA9010030		
		W-S-A-TP			EXP: 04/10/2020		
		W-TKN					

Request Number: RQ-2019-11-04-45

Bayou Chico BMAP/Blank

Florida Department of Environmental Protection Central Laboratory Submittal Form

Pg. 2
Page 1 of 2
last revised Jan 25, 2018

Customer: NW-DIST

Project ID: BMAP

Requester: Cheryl Bunch

Collected By: Escambia Co.

Field Report Prepared By: Ryan Cummings

Sampling Agency: Escambia Co.

Location	WIN ID/Field ID	33020222	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-9-19 Time 1135	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID			Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 108.4	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	B
WIN/STOF	Location		Temp (C) 22.33	pH 6.63	Sample Depth 0.15	Sp. Conductance (umho/cm) 129.7	
Latitude	Jackson Creek at New Warrington Road-Group B		☐ dd ☐ dms	Salinity (ppt) 0.1	Comments		
Location	WIN ID/Field ID	33020117	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-9-19 Time 1155	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 29.2	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	B
WIN/STOF	Location		Temp (C) 17.86	pH 6.57	Sample Depth 0.15	Sp. Conductance (umho/cm) 78.2	
Latitude	Jones Creek Upstream of New Warrington Rd-Bottle Group B		☐ dd ☐ dms	Salinity (ppt) 0.0	Comments		
Location	WIN ID/Field ID	3302JE20	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-9-19 Time 1250	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 89.0	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STOF	Location		Temp (C) 19.60	pH 6.89	Sample Depth 0.15	Sp. Conductance (umho/cm) 25677.0	
Latitude	Bayou Chico at Navy Blvd. Bridge-Bottle Group A		☐ dd ☐ dms	Salinity (ppt) 15.8	Comments		
Location	WIN ID/Field ID	33020JF1	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-7-19 Time 1310	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 46.3	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STOF	Location		Temp (C) 21.14	pH 6.39	Sample Depth 0.15	Sp. Conductance (umho/cm) 6594.4	
Latitude	Bayou Chico at at W St. Bridge-Bottle Group A		☐ dd ☐ dms	Salinity (ppt) 3.7	Comments		

Relinquished By: Cheryl Bunch	Date/Time 12/9/19 1630	Shipping Method Fedex	Number of Coolers Shipped: 2	Received By: Tyler Reynolds	Date/Time 12/11/19 @ 10:35
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Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
NW-UWF-ENQ						
Group: A	Bottle Type:	P-250ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
TURBIDITY						
Group: A	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						
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						
Group: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W						
Group: C	Bottle Type:	P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
TURBIDITY						
Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
W-NH3						
W-NO2NO3						
W-S-A-TP						
W-TKN						

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Project: FDEP (Bayou Chico BMAP)

Laboratory: Wetlands Research Laboratory

Sampler's initials : BC+TM

Method of transport: on ice, by hand

Page 1 of 1

Samples delivered by: _____ of _____

Date/Time:

Sample received by: _____ of _____

Date/Time:

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

[illegible]

Comments: RQ-2019-11-04-45

Sample Container Lot #: L19192

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:

¹Matrix: SW = surface water, PW = pore water, GW = ground water, S = soil/sediment, X =

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

³ Recorded using IRT-2

Date of Request: 15-OCT-2019
 Created By: BUNCH_CA On: 15-OCT-2019
 Modified By: JASROTIA_P On: 16-OCT-2019
 Customer: NW-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Bayou Chico BMAP/Blank

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: 16-OCT-2019
 Biology Request Reviewed By: JASROTIA_P On: 16-OCT-2019
 Sampling Kit Required: YES Ship on: 25-OCT-2019
 Sampling Kit Shipped: YES On: 21-OCT-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 09-DEC-2019
 Received By: REYNOLDS_T On: 11-DEC-2019

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 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, and phaeophytin by spectrophotometry
Bottle Type: TEST HAS NO	Number of Bottles: 3	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
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

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, and phaeophytin by spectrophotometry
Bottle Type: TEST HAS NO	Number of Bottles: 3	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colliert-18/QT by UWF in Pensacola
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

Bottle Group C (Water) With 2 Samples:

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

Bottle Group C (Water) With 2 Samples:

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 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