Login Checklist

RQ- 2020-02-17-25 Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 02-19-2020 / 09:40

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	
2.6C				12		X			1278 4011 6132

*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 X 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 X If yes, is it intact? Yes_____ No_____

**Caps on tight? Yes X No_____ **Containers intact? Yes X No_____

**Sufficient Sample Volume: Yes X No_____

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes ✓ No [illegible] Init: ABS

Chlorine detected? (One container checked per Field ID) Yes_____ No ✓ Init: ABS

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 X No____ NA____ Init: ABS

**W-1-4-DIOX (Green dot on container) preserved to pH<4.0? Yes____ No____ NA X Init: ABS

Coolers Unpacked/Checked by: ABS / Date: 02-19-2020 NCRs (Y/N)? ✓

Event ID: ESC/BW BAY RUN NW-DIST-2020-02-19-01 (SMP) NCR # _____

Login Checklist

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

Infrared Thermometer ID:	IR TG#3 EXP:11/05/2020
pH Test Strips 0 – 6 Lot #	2133AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	220416A EXP:07/30/2020
pH Paper 0 – 13 Lot #	208717 EXP:03/31/2020
Chlorine Test Strips Lot #	8261 2021 / 07

Additional Comments:

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: _____

Request Number: RQ-2020-02-17-25

ESC/BW BAY RUN

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Project ID: SMP

Requester: Christopher Slade

Collected By: Nathan Mulkey / Miranda Clark

Field Report Prepared By: N. Mulkey

Sampling Agency: NWFBC

Field/WIN ID → G4NW0508

Location: Blackwater River upstream of Russell Harbor Landing

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/18/20 Time 0940 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 8.57 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 15.3 | pH 5.25 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 145.2

Salinity (ppt) | Comments

Field/WIN ID → G4NW0509

Location: Blackwater Bay Center

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/18/20 Time 1030 Eastern Central | Composite end Date Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen 8.52 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 16.5 | pH 7.32 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 2247

Salinity (ppt) | Comments

Field/WIN ID → G4NW0401

Location: Blackwater Bay west of Escribano Point

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/18/20 Time 1045 Eastern Central | Composite end Date Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen 7.77 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 16.8 | pH 7.60 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 3359

Salinity (ppt) | Comments

Field/WIN ID → G4NW0441

Location: Judges Bayou Mouth

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/18/20 Time 1150 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen 8.56 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 17.5 | pH 6.51 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 329.9

Salinity (ppt) | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	2/18/20	Fed Ex	1	ABO	2-19-20 9:40

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 Contract lab
	NW-UWF-ENQ						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 Contract lab
	NW-UWF-ECQ						
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	FCOLI-MF						
Group: C	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	NW-UWF-ENQ						

Request Number: RQ-2020-02-17-25

ESC/BW BAY RUN

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Project ID: SMP

Requester: Christopher Slade

Collected By: Nathan Milky

Field Report Prepared By: N. Milky

Sampling Agency: NWRDC

Location: Trout Bayou / Field/WIN ID → G4NW0443	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 2/18/20 Time 1225	Eastern / (Central)	Composite end Date Time	Bottle Group(s) (See pg 2): A
	Matrix (type, e.g., (Salt), Fresh, etc)		Diss. Oxygen 8.81 ☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
	Temp (C) 17.7	pH 6.74	Sample Depth 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm) 10284	
Latitude ☐ dd ☐ dms / Longitude ☐ dd ☐ dms	Salinity (ppt)	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)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms / Longitude ☐ dd ☐ dms	Salinity (ppt)	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)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms / Longitude ☐ dd ☐ dms	Salinity (ppt)	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)	
WIN/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:	Date/Time
Nathan Milky	2/18/20	Fed Ex	1	[signature]	2-19-20 / 0940

Group: A	Bottle Type: P-1L ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: TEST HAS NO BOTTLE NW-UWF-ENQ	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 contract lab
Group: A	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: P-125ML W-PO4-F	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: TEST HAS NO BOTTLE NW-UWF-ECQ	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
Group: C	Bottle Type: P-250ML-WO-THI FCOLI-MF	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
Group: C	Bottle Type: TEST HAS NO BOTTLE NW-UWF-ENQ	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Project: FDEP

Laboratory: Wetlands Research Laboratory

Sampler's intials : NM

Method of transport: Drop off on ice by automobile

Page _1_ of _1_

Samples delivered by: [redacted] FDEP

Date/Time: 2/18/20 1330

Sample received by: [redacted] Jennifer Jones of WRL

Date/Time: 2/18/20 1330

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.

CST

Lab ID	Sample ID		Matrix[1]	Type[2]	Container Type	Analyses Requested	Preservative	Sample (°C)[3]	Sampling Date/Time
20-46188	G4NW0508 Blackwater River	Freshwater	SW	G	Sterile plastic	~~Enterococci 24-QT~~ 2-18-2020 NM E coli	ice/Na2S2O3	2.3	2/18/20 0940
20-46189	G4NW0509 Blackwater Bay	Brackish/Saltwater	SW	G	Sterile plastic	~~Escherichia coli 18-QT~~ 2-18-2020 NM Entero	ice/Na2S2O3	2.4	1030
20-46190	G4NW0401 Blackwater Bay	Brackish/Saltwater	SW	G	Sterile plastic	~~Escherichia coli 18-QT~~ 2-18-2020 NM	ice/Na2S2O3	2.5	1045
20-46191	G4NW0441 Judges Bayou	Brackish/Saltwater	SW	G	Sterile plastic	~~Escherichia coli 18-QT~~ 2-18-2020 NM	ice/Na2S2O3	2.5	1150
20-46192	G4NW0443 Trout Bayou	Brackish/Saltwater	SW	G	Sterile plastic	~~Escherichia coli 18-QT~~ 2-18-2020 NM	ice/Na2S2O3	3.6	1225

Comments sample container lot# L19229

RQ-2020- 02-17-25

Contact organization FDEP

Contact name Michael King

Phone: (850) 595-8300

Address 160 W Governmental Street, suite 208, Pensacola, FL 32502

Sampler's name: Nathan Nalley

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

[2]Type codes: G = grab, C = composite, X = _____

[3] Recorded using IRT-2

RQ-2020-02-17-25

Date of Request: 22-JAN-2020
Created By: SLADE_C On: 22-JAN-2020
Modified By: JASROTIA_P On: 27-JAN-2020
Customer: NW-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northwest District
Sampling Event: ESC/BW BAY RUN

Send Coolers To:

Phone: 850-595-0567
160 Government Center
Suite 308
Pensacola, FL 32502-5794
Attn: Christopher Slade

Send Final Report To:

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: 27-JAN-2020
Biology Request Reviewed By: JASROTIA_P On: 27-JAN-2020
Sampling Kit Required: YES Ship on: 07-FEB-2020
Sampling Kit Shipped: YES On: 03-FEB-2020
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 17-FEB-2020
Received By: SHAIK_A On: 19-FEB-2020

Report Type: Final Only
FTP Data: NO
QC Report: YES
Date Log: NO
Authorization Log: NO

Comments: Group A: (WBID 493B, 694) Marine Kit, Tracers, Contract Lab Bacteria

Group B: (WBID 24AA)
Contract Lab Bacteria only

Group C: (WBID 548GB) Fecal coliforms, Contract Lab Bacteria only

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L		Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011)	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0)	Turbidity in aqueous matrices
W-BR-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1)	Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-2011)	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2011)	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
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-ENQ	Template: DEFAULT	(Enterolert/QT)	Enterococci by Enterolert/QT by UWF in Pensacola
Bottle Type: BG-500ML		Number of Bottles: 2	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B)	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B)	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
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
W-TOC	Template: DEFAULT	(SM 5310 B-2011)	Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML		Number of Bottles: 2	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0)	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 1 Samples:

Bottle Group B (Water) With 1 Samples:

Bottle Type: TEST HAS NO Number of Bottles: 1 Preserved With: ICE

NW-UWF-ECQ Template: DEFAULT (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola

Bottle Group C (Water) With 2 Samples:

Bottle Type: P-250ML-WO-THI Number of Bottles: 2 Preserved With: ICE

FCOLI-MF Template: DEFAULT (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems

Bottle Type: TEST HAS NO Number of Bottles: 2 Preserved With: ICE

NW-UWF-ENQ Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.