

RQ-2019-04-01-44

Log-in Checklist

Login Station ID: #2

Shipping Method: (Circled) FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4-4-19 / 10:20

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
2.1			20		✓			

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, 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 below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No ✓

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No ✓ Date

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:

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-E8321-DI, -MS, -21			W-NP-AA-SF			
W-BNA (-625, -R)			W-PDQUAT			
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R			
W-U2060-MS			W-TR-TQ			
W-PCB-R			W-CT-CI-R			
W-PAH (-R)			W-PSNP-TQ			
W-PFAS-MS						

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: 4-4-19 NCRs (Y/N)? N

Event ID: Holmes Run
NW-DIST-2019-04-04-01 (SMP)

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

Additional Comments:

Infrared Thermometer ID:	REC_02_2018EXP:4/27/19
pH Paper 0.0 – 3.0 Lot #	220416A EXP:7-30-20
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	8261 EXP: 07/2021

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 _____ 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: _____

Holmes Run

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: James P. King

Project ID: SMP

Collected By: Nathan Mulkey

Sampling Agency: 21 FL PNS

Location	Field/WIN ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/3/19 Time 0940	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	G4NW0439		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 6.96	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	Location: Gum Creek upstream of River Rd		Temp (C) 13.5	pH 3.95	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 21.8
Latitude	☐ dms		☐ dd ☐ dms Salinity (ppt) 0.01		Comments		
Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/3/19 Time 1010	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	G3NW0159		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 8.21	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	Location: Sikes Creek upstream of Bonifay Gritney Rd		Temp (C) 14.2	pH 6.46	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 69.9
Latitude	☐ dms		☐ dd ☐ dms Salinity (ppt) 0.03		Comments		
Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/3/19 Time 1035	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	G3NW0157		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 9.25	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	Location: East Pittman Creek upstream of Hwy 179		Temp (C) 15.8	pH 6.23	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 43.8
Latitude	☐ dms		☐ dd ☐ dms Salinity (ppt) 0.02		Comments		
Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/3/19 Time 1100	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	G3NW0023		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 9.20	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST	Location: Limestone Branch upstream of Mt. Ida Rd		Temp (C) 15.4	pH 7.25	Sample Depth 0.2	☐ ft ☐ m	Sp. Conductance (umho/cm) 171.5
Latitude	☐ dms		☐ dd ☐ dms Salinity (ppt) 0.08		Comments		

Relinquished By: James P. King	Date/Time 4/3/19 1600	Shipping Method Fed EX	Number of Coolers Shipped: 1	Received By: 	Date/Time 4/4/19/10:20
-----------------------------------	--------------------------	---------------------------	---------------------------------	------------------	---------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4 sent to contract
	NW-UWF-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

Document Reference # 05 1 0

Sample received by: A. J. Basso of WRL

Sampler's initials : *NM*

Date/Time: 4/3/2019 1 1320

[illegible]

~~RQ-2019-04-01-44~~

Contact name Mike King

Phone: (850) 595-8300

Sampler's name: ~~Stephen Glade~~ Nathan Mulke

³ Recorded using IRT-2²Type codes: G = grab, C = composite, X =

Date of Request: 14-MAR-2019
 Created By: KING_M On: 14-MAR-2019
 Modified By: JASROTIA_P On: 14-MAR-2019
 Customer: NW-DIST
 Project: SMP
 Division:
 District: Northwest District
 Sampling Event: Holmes Run

Send Coolers To:

Phone: 850-595-8300
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 14-MAR-2019
 Biology Request Reviewed By: JASROTIA_P On: 14-MAR-2019
 Sampling Kit Required: YES Ship on: 22-MAR-2019
 Sampling Kit Shipped: YES On: 19-MAR-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 01-APR-2019
 Received By:

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

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

Comments: Group A: (WBID 142 239 55 94) Nutrients, Metals, Contract Lab Bacteria

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE
ALKALINITY Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L	
TURBIDITY Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices	
W-CL-IC Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices	
W-COLOR Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm	
Color (true)		
W-F Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	
W-SO ₄ -IC Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices	
W-TDS Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices	
W-TSS Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample	
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-ECQ Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by UWF Laboratory in Pensacola	
Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: HNO ₃
W-ICP Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects	
Barium		
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Zinc		

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: HNO3
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

*Boron
 Aluminum
 Antimony
 Arsenic
 Cadmium
 Chromium
 Copper
 Lead
 Nickel
 Selenium
 Silver
 Thallium

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
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML	Number of Bottles: 4	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

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

Do Not Lift Using This Tag

ORIGIN ID: TLHA (850) 595-0673
MICHAEL KING
FLORIDA DEP-NORTHWEST DISTRICT
160 GOVERNMENT CENTER SUITE 208 A
PENSACOLA, FL 325025794
UNITED STATES US

SHIP DATE: 19MAR19
ACTWGT: 10.00 LB MAN
CAD: 0446970/CAFE3211

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600-BLAIRSTONE RD

TALLAHASSEE FL 32399

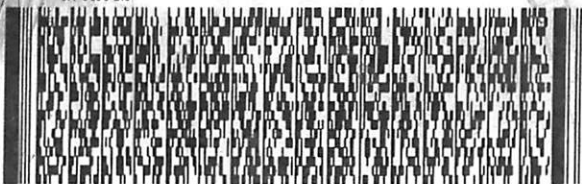
(850) 245-8077

REF:

PHU:

DEPT:

RMA: ||| ||| |||



FedEx
Express



FedEx
TRK#

0221 4751 8777 9029

THU - 04 APR 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399
FL-US
TLH



FTD 3729811 03APR19 PNSA 553C1/D7E5/0C8A