

Log-in Checklist

RQ- 2019-05-06-37

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 5/17/19 @ 10:25

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	
0.1				8		✓			4751 8779 0354
0.3				8		✓			4751 8779 0343

* 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 and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above standard temperature without customer notification/confirmation.**

****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

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: KK

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: KK

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

Coolers Unpacked/Checked by: KK Date: 5/17/19

NCRs (Y/N)? N

Event ID: NW RUN
NW-DIST-2019-05-17-01 (SMP)

NCR #

Page 1 of 2, 03/25/2016 Date Received: 17-MAY-2019 10:25

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:	
pH Paper 0.0 – 3.0 Lot #	220416A EXP:7/30/20
pH Paper 0 – 13 Lot #	222516 EXP:9/15/2019
Chlorine Test Strips Lot #	091417V EXP:9/2021

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

NW RUN

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Nathan Mulvey

Project ID: SMP

Collected By: James P. King

Sampling Agency: 21 FL PNS

Location	Field/WIN ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/16/19 Time 0936	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID		G5NW0150		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.08	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST	Location:	McDavid Creek 100 m upstream SR99		Temp (C) 18.8	pH 5.49	Sample Depth 0.3	Sp. Conductance (umho/cm) 22.5	
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt) 0.01	Comments			A
Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/16/19 Time 1600	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID		G4NW0420		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.34	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST	Location:	Little Pine Barren Creek above CR99		Temp (C) 20.4	pH 6.00	Sample Depth 0.2	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt) 0.02	Comments			A
Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/16/19 Time 1040	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID		G4NW0421		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.37	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST	Location:	Big Escambia Creek downstream of Fannie Rd		Temp (C) 20.6	pH 6.25	Sample Depth 0.2	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt) 0.02	Comments			A
Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/16/19 Time 1100	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID		G4NW0163		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.30	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST	Location:	Wiggins Branch below Highway 29		Temp (C) 22.3	pH 6.30	Sample Depth 0.2	Sp. Conductance (umho/cm) 27.8	
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt) 0.01	Comments			A

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
James P. King	5/16/19 1600	Fed Ex	2	KK	5.17.19 / 10:25

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:	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						

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Project: FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials :

Method of transport: Drop off on ice by automobile

Page _1_ of _1_

Samples delivered by: J. J. Jones of FDEP

Date/Time: 5/16/19, 12:10

Sample received by: [Signature] of WRL

Date/Time: 05/16/19 11:27

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	sample container lot# #18145
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RQ-2019-*JK*-06-37

Contact organization FDEP NWROC

Contact name _____

Phone: (850) 595-8300

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

Sampler's name: James P. H.

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-APR-2019
 Created By: KING_M On: 15-APR-2019
 Modified By: JASROTIA_P On: 17-APR-2019
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: NW RUN

Send Coolers To:

Phone: 850-595-0605
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King

Send Final Report To:

160 Government Center
 Suite 208
 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: 17-APR-2019
 Biology Request Reviewed By: JASROTIA_P On: 17-APR-2019
 Sampling Kit Required: YES Ship on: 26-APR-2019
 Sampling Kit Shipped: YES On: 22-APR-2019
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 06-MAY-2019
 Received By:

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

Comments: Group A: (WBID 149,87,25,10) Nutrients, 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 CaCO3/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-SO4-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: 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

Cooler Packing Worksheet for Request: RQ-2019-05-06-37

NW RUN

Ship Cooler On: 4/26/2019
Customer/Project: NW-DIST/SMP

Assigned To: REYNOLDS_T
Requester: Michael King
Priority: 3

850-595-0605
160 Government Center
Suite 208
Pensacola, FL 32502-5794

Attn: Michael King

Comments:

No preservatives needed.

Group A: (WBID 149,87,25,10) Nutrients, Contract Lab Bacteria

Requested Analyses:

Bottle Group: A

of Sites: 4

Container ID: P-1L

Qty: 4 Preservation: ICE

Lot # 00073854

Description: Plastic Bottle 1L

Analysis

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L
Turbidity in aqueous matrices
Chloride in aqueous matrices
True Color measured at 450 nm
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Sulfate in aqueous matrices
Total Dissolved Solids in aqueous matrices
Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 4 Preservation: ICE

Lot # 1248230

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: TEST HAS NO BOTTLE Qty: 4 Preservation: ICE

Lot # NONE

Description: Do not ship container for this test.

Analysis

NW-UWF-ECQ

Description

Escherichia coli by Colilert 18 Quanti-Tray method by UWF Laboratory in Pensacola

Container ID: P-500ML

Qty: 4 Preservation: ICE And H2SO4

Lot # 00073297

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 4 Preservation: FILTER-ICE

Lot # 00072954

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: Tyler R.

Number of Coolers: 2

Date: 04/22/19

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2019-05-06-37