

Log-in Checklist

RQ- 2018-08-20-14

Log-in Station ID: #5

Shipping Method: FedEx UPS | HD | Greyhound |

Date/Time of Receipt: 08/22/18 @ 9:50~

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	
Red	1.2°C	12		X			4385 5032 1466
Blue	1.6°C	12		X			4385 5032 1455

*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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No Date 08/22/18

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X 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 X Init: M

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		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No NA Init: M

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

Coolers Unpacked/Checked by: Tyler R. Date: 08/22/18 NCRs (Y/N)? N

Event ID: Laurel Hill West
NW-DIST-2018-08-22-02 (SMP) NCR #
 Date Received: 22-AUG-2018 09:5

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_05_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

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

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Whitney Bretana

Project ID: SMP

Collected By: Jimmy Pitts

Sampling Agency: 21FLPNS

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/21/18 Time 1025	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field	Field/WIN ID  G4NW0409	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.95	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN	Location: Turkey Creek above Williams Rd	Temp (C) 23.46	pH 6.11	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 33
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.01	Comments		A
Location						
Field	Field/WIN ID  G4NW0208	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/21/18 Time 1055	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN	Location: East Branch Pine Log Creek above Bear Bay Flats Road	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 4.77	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	☐ dms	Temp (C) 25.48	pH 6.18	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 43
	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.02	Comments		A
Location						
Field	Field/WIN ID  G4NW0315	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/21/18 Time 1125	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN	Location: Pine Log Creek upstream of Long Road	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.93	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	☐ dms	Temp (C) 23.46	pH 6.32	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 28
	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.01	Comments		A
Location						
Field	Field/WIN ID  G4NW0330	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/21/18 Time 1150	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN	Location: Beech Tree Creek above un-named road	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.09	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	☐ dms	Temp (C) 24.54	pH 5.00	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 13
	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.00	Comments		A

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: Tyler R.	Date/Time 08/22/18 09:50
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Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>6</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>6</u>
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>6 to contract lab</u>
	NW-UWF-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>6</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>6</u>
	W-PO4-F						

Lot #: SA8085170
Exp: 3/26/19

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Whitney Britana

Project ID: SMP

Collected By: Jimmy Pitts

Sampling Agency: 21FLPNS

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 8/21/18 Time 1205		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)		
Field	Field/WIN ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.87		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		
WIN	Location: Long Creek upstream of Long Road		Temp (C) 23.92		pH 6.09		Sample Depth 0.1		☐ ft ☒ m		Sp. Conductance (umho/cm) 25	
Latit	☐ dd ☐ dms		Salinity (ppt) 0.01		Comments							
A												
Location												
Field	Field/WIN ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.90		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		
WIN	Location: Pond Creek in McCloud Bay upstream of Hwy 393		Temp (C) 24.68		pH 6.47		Sample Depth 0.2		☐ ft ☒ m		Sp. Conductance (umho/cm) 30	
Latit	☐ dd ☐ dms		Salinity (ppt) 0.01		Comments							
A												
Location												
Field ID		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Eastern Central		Composite end Date Time		Bottle Group(s)		
WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)		
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments		
Location												
Field ID		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Eastern Central		Composite end Date Time		Bottle Group(s)		
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: Tyler K.	Date/Time 08/22/18 @ 9:50.
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Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ECQ					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

Document Reference # 05.1.0

FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials: JP/WB

Drop off

on ice by automobile

une of

FDEP

Wash

of WRL

Page 1 of 1

Date/Time: 8/21/18 / 1430

Date/Time: 08/21/18 1130

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# #18005

RQ-2018-08-20-14

Contact organization FDEP NWROC

Contact name Jimmy Pitts

Phone: (850) 595-8300

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

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

Sampler's name: Jimmy Pitts

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

³ Recorded using IRT-2

Cooler Packing Worksheet for Request: RQ-2018-08-20-14

Laurel Hill West

Ship Cooler On: 8/10/2018

Customer/Project: NW-DIST/SMP

Assigned To: SHAIK_A

Requester: Michael King

Priority: 3

SC-695-0605
160 W Government St
Suite 208A
Pensacola, FL 32502-5794
Attn: Michael King

Please return
packing list with
sample submittal
forms.

Comments:

No preservatives needed.

Group A: (WBID 101, 196, 35A, 76, 92, 117) Freshwater Kit, Contract Lab Bacteria

Add return shipping labels for both FedEx and UPS

Requested Analyses:

Bottle Group: A

of Sites: 6

Container ID: P-1L

Qty: 6

Preservation: ICE

Lot #

05071006

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: 6

Preservation: ICE

Lot #

1227219

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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



1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

Container ID: TEST HAS NO BOTTLE Qty: 6 Preservation: ICE

Lot #

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: 6 Preservation: ICE And H2SO4

Lot # 00071864

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: 6 Preservation: FILTER-ICE

Lot # 00071266

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: ADJ

Number of Coolers: 2

Date: 8-18

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 <u> </u>	Exp <u> </u>	Lot # <u> </u>
ID <u> </u>	Exp <u> </u>	Lot # <u> </u>
ID <u> </u>	Exp <u> </u>	Lot # <u> </u>
ID <u> </u>	Exp <u> </u>	Lot # <u> </u>
ID <u> </u>	Exp <u> </u>	Lot # <u> </u>

PLEASE RETURN ALL COOLERS FOR RQ-2018-08-20-14

Send Coolers To:

Phone: SC-695-0605
160 W Government St
Suite 208A
Pensacola, FL 32502-5794
Attn: Michael King

Send Final Report To:

160 W Government St
Suite 208A
Pensacola, FL 32502-5794
Attn: Michael King

Date of Request: 23-JUL-2018
Created By: KING_M On: 23-JUL-2018
Modified By: SWANSON_C On: 01-AUG-2018
Customer: NW-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northwest District
Sampling Event: Laurel Hill West

Program Module Number: 1306
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 31-JUL-2018
Biology Request Reviewed By: SWANSON_C On: 01-AUG-2018
Sampling Kit Required: YES Ship on: 10-AUG-2018
Sampling Kit Shipped: YES On: 06-AUG-2018
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 20-AUG-2018
Received By: Authorization Log: NO

Comments: Group A: (WBID 101, 196, 35A, 76, 92, 117) Freshwater Kit, Contract Lab Bacteria

Add return shipping labels for both FedEx and UPS

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L
ALKALINITY
Template: DEFAULT
(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Template: DEFAULT
W-CL-IC
Template: DEFAULT
(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
Template: DEFAULT
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)
Template: DEFAULT
W-SO4-IC
Template: DEFAULT
(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
Template: DEFAULT
(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
Template: DEFAULT
(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L
CHL-SUITE-W
Template: DEFAULT
(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Number of Bottles: 6
Preserved With: ICE
Bottle Type: TEST HAS NO
Number of Bottles: 6
Preserved With: ICE
NW-UWF-ECQ
Template: DEFAULT
(SM 9223 B Quanti-Tray) Escherichia coli by Coli-18 Quanti-Tray method by UWF Laboratory in Pensacola
Number of Bottles: 6
Preserved With: ICE And H2SO4
Template: DEFAULT
(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Template: DEFAULT
(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
Template: DEFAULT
(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
Template: DEFAULT
(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Template: DEFAULT
(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Template: DEFAULT
W-TOC
Bottle Type: P-125ML
Number of Bottles: 6
Preserved With: FILTER-ICE
Template: DEFAULT
(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
W-PO4-F

