

RQ- 2020-03-09-21

Login Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 3/10/2020@ 10:10

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	
3.3				9		✓			1278 4012 307

*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: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☒ Init: IM

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: IMW-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☐ NA ☒ Init: IMCoolers Unpacked/Checked by: IM Date: 3/10/2020 NCRs (Y/N)? ☒Event ID: Laurel Hill Run
NW-DIST-2020-03-10-01 (SMP)
Page 1 of 2, 08/12/20 Date Received: 10-MAR-2020 10:10NCR #

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:	REC_02_2018 EXP: 4/29/20
pH Test Strips 0 – 6 Lot #	213316AV Exp:5/15/20
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	208717 EXP: 3/31/20
Chlorine Test Strips Lot #	8261 EXP:7/2021

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Christopher Slade

Field Report Prepared By: N. Nulley / H. Schmuck

Project ID: SMP

Collected By: H. Schmuck

Sampling Agency: NW RAC

Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
Field/WIN ID  G4NW0349		☒ Grab	Date	Time	Central	Date	Time	
Location: Pond Creek in McCloud Bay upstream of Hwy 393		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 9.94		☒ mg/L	Total Res. Chlorine (mg/L)	C
		Temp (C) 12.9	pH 5.52	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 32.3		
☐ dms		☐ dd	Salinity (ppt) 0.01	Comments				
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field/WIN ID →  G4NW0195		☒ Grab	Date	Time	Central	Date	Time	
Location: POND CREEK @ CR 393		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 19.07		☒ mg/L	Total Res. Chlorine (mg/L)	B
		Temp (C) 13.4	pH 5.85	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 31.9		
☐ dms		☐ dd	Salinity (ppt) 0.02	Comments				
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field/WIN ID →  G4NW0062		☒ Grab	Date	Time	Central	Date	Time	
Location: Pond Creek upstream of Steele Mill Creek Rd		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 9.36		☒ mg/L	Total Res. Chlorine (mg/L)	C
		Temp (C) 13.5	pH 5.58	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 44.6		
☐ dms		☐ dd	Salinity (ppt) 0.02	Comments				
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field/WIN ID  G4NW0315		☒ Grab	Date	Time	Central	Date	Time	
Location: Pine Log Creek upstream of Long Road		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 9.83		☒ mg/L	Total Res. Chlorine (mg/L)	C
		Temp (C) 14.1	pH 5.34	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 28.6		
☐ dms		☐ dd	Salinity (ppt) 0.01	Comments				

Relinquished By: H. Schmuck	Date/Time 3/9/2020 1600	Shipping Method Fedex	Number of Coolers Shipped: 1	Received By: JM	Date/Time 3/10/20 10:10
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ECQ					
Group: A	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 W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ECQ					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI W-E8321-MS					
Group: C	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ECQ					

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Laurel Hill Run

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Christopher Slade

Field Report Prepared By: N. Mulvey / H. Schmeb

Project ID: SMP

Collected By: H. Schmeb

Sampling Agency: NW ROC

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/19/2020 Time 1050		Eastern Central	Composite end Date Time		Bottle Group(s) (See pg 2)
Field ID	Field/WIN ID  G4NW0330	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 10.05	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		C
WIN/ST	Location: Beech Tree Creek above un-named road	Temp (C) 14.3	pH 4.10	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 16.6		
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.01	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/19/2020 Time 1120		Eastern Central	Composite end Date Time		Bottle Group(s)
Field ID	Field/WIN ID →  G4NW0428	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 9.41	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) 30.15		A
WIN/ST	Location: Horsehead Creek upstream of Steele Mill Creek Rd	Temp (C) 13.3	pH 5.59	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 30.6		
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.01	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/19/2020 Time 1200		Eastern Central	Composite end Date Time		Bottle Group(s)
Field ID	Field/WIN ID →  G4NW0427	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 9.86	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
WIN/ST	Location: Poverty Creek upstream of Poverty Creek Rd	Temp (C) 15.3	pH 4.59	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 19.0		
Latitude	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.01	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: IM	Date/Time 3/10/20 10:10
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	NW-UWF-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
	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	<u>2</u>
	W-PO4-F						
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	NW-UWF-ECQ						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-E8321-DI						
	W-E8321-MS						
Group: C	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	NW-UWF-ECQ						

9203100
7122/20

* sent to VWF contract lab

Document Reference # 05.1.0

Date of Request: 10-FEB-2020
 Created By: SLADE_C On: 10-FEB-2020
 Modified By: JASROTIA_P On: 12-FEB-2020
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Laurel Hill Run

Send Coolers To:

Phone: 850-595-0567
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Christopher Slade

Program Module Number:

Priority: 3

Event Status: S

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 12-FEB-2020

Biology Request Reviewed By: JASROTIA_P On: 12-FEB-2020

Sampling Kit Required: YES Ship on: 28-FEB-2020

Sampling Kit Shipped: YES On: 26-FEB-2020

Sampling Kit Packed By: KLUG_K

Preservatives Needed: NO

Date to Receive Samples: 09-MAR-2020

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: (WBID161, 34) Nutrients, Contract Lab Bacteria

Group B: (WBID 35) Tracers, Contract Lab Bacteria

Group C: (WBID 35, 101, 196, 35A) Contract Lab Bacteria

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-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices
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-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola

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 Type: BG-500ML	Number of Bottles: 1	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 Group C (Water) With 4 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 4	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola

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