

RQ- 2020-03-30-11

Login Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 3/31/2020@ 9:40

Cooler Temperature*	Samples Frozen YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
<u>1.4</u>				<u>5</u>		☒			<u>1278 4012 9198</u>

*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: 3/31/2020NCRs (Y/N)? NEvent ID: NW Run
NW-DIST-2020-03-31-02 (SMP)
Date Received: 31-MAR-2020 09:40NCR #

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:	IR TEMP GUN #2 exp:11/5/20
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: M. Clark

Project ID: SMP

Collected By: S. Slade

Sampling Agency: FLDNS

Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
Field	Field/WIN ID →  G5NW0150	☒ Grab	Date 3/30/20	Time 8:35	Central	Date	Time	
WIN	Location: McDavid Creek 100 m upstream SR99	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		
Latitu		Temp (C) 19.6	pH 5.94	Sample Depth 0.1	☐ ft	Sp. Conductance (umho/cm) 21.4		
		☐ dd	Salinity (ppt) 0.01	Comments				
		☐ dms						
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field	Field/WIN ID  G4NW0421	☒ Grab	Date 3/30/20	Time 10:35	Central	Date	Time	
WIN	Location: Big Escambia Creek downstream of Fannie Rd	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		
Latitu		Temp (C) 20.8	pH 6.55	Sample Depth 0.2	☐ ft	Sp. Conductance (umho/cm) 34.6		
		☐ dd	Salinity (ppt) 0.01	Comments				
		☐ dms						
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field	Field/WIN ID  G4NW0320	☒ Grab	Date 3/30/20	Time 11:00	Central	Date	Time	
WIN	Location: McCostill Mill Creek West Ebenezer Rd.	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		
Latitu		Temp (C) 19.7	pH 5.16	Sample Depth 0.1	☐ ft	Sp. Conductance (umho/cm) 45.7		
		☐ dd	Salinity (ppt) 0.02	Comments				
		☐ dms						
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field	Field/WIN ID  G4NW0355	☒ Grab	Date 3/30/20	Time 11:25	Central	Date	Time	
WIN	Location: Moore Creek above Chumuckla Springs Road	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		
Latitu		Temp (C) 19.3	pH 6.38	Sample Depth 0.13	☐ ft	Sp. Conductance (umho/cm) 63.9		
		☐ dd	Salinity (ppt) 0.02	Comments				
		☐ dms						

Relinquished By: M. Clark	Date/Time 3/30/20 16:00	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: IM	Date/Time 3/31/20 9:40
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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>0</u>
	CHLSUITE-W					
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>0</u>
	NW-UWF-ECQ					<i>★ Sent to Contract Lab ★</i>
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>0</u>
	W-PO4-F					
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>0</u>
	NW-UWF-ECQ					<i>★ Sent to Contract Lab ★</i>
Group: C	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>0</u>
	NW-UWF-ECQ					<i>★ Sent to Contract Lab ★</i>
Group: C	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					

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Christopher Slade

Field Report Prepared By: M. Clark

Project ID: SMP

Collected By: S. SladeSampling Agency: FLPNS

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>3/30/20</u> Time <u>12:00</u>		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID		Field/WIN ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>8.86</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/S		Location: Sevenmile Creek upstream of Alderbrook Blvd.		Temp (C) <u>19.4</u>		pH <u>5.58</u>		Sample Depth <u>0.17</u>		☐ ft ☒ m	
Latitude		☐ dd ☐ dms		Salinity (ppt) <u>0.03</u>		Comments		Sp. Conductance (umho/cm) <u>57.8</u>		<u>C</u>	
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date _____ Time _____		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID		Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m	
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		Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m	
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		Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By: <u>M. Clark</u>	Date/Time <u>3/30/20 16:00</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>IM</u>	Date/Time <u>3/31/20 9:40</u>
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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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ECQ					
Group: C	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ECQ					
Group: C	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					

Document Reference # 05.1.0

Sample received by: John Doe of WRL

Sampler's initials: MC + SS

Date/Time: 03/30/20 11313

[illegible]

Comments sample container lot# # ~~120000~~ 120020

RQ-2020-03-30-11

Contact name Michael King

Phone: (850) 595-8300

Sampler's name: M. Clark

²Type codes: G = grab, C = composite, X =³ Recorded using IRT-2

Date of Request: 19-FEB-2020
 Created By: SLADE_C On: 19-FEB-2020
 Modified By: JASROTIA_P On: 10-MAR-2020
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District NWROC
 Sampling Event: NW Run

Send Coolers To:

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

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: 10-MAR-2020
 Biology Request Reviewed By: JASROTIA_P On: 10-MAR-2020
 Sampling Kit Required: YES Ship on: 20-MAR-2020
 Sampling Kit Shipped: YES On: 16-MAR-2020
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 30-MAR-2020
 Received By:

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

Comments: Group A: Freshwater
 (WBID10,149) Nutrients, Contract Lab Bacteria

 Group B: Freshwater
 (WBID 149, 111, 118) Contract Lab Bacteria

 Group C: Freshwater
 (WBID 10, 149) Tracers, 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 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-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-SO ₄ -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 Collert-18/QT by UWF in Pensacola
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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 Group A (Water) With 2 Samples:

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 3 Samples:

Bottle Type: TEST HAS NO Number of Bottles: 3 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 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

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