

RQ- 2020-03-16-13

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4/1/2020 @ 10:00

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only	
		YES	HNO ₃		Formalin	Present?		*Intact?		
						Yes	No	Yes		No
2.0				7		✓			278 4013 2345	
2.3				9		✓			278 4011 8087	

*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: IM

Coolers Unpacked/Checked by: IM Date: 4/1/2020

NCRs (Y/N)? ☒Event ID: Eglin Run West
NW-DIST-2020-04-01-01 (SMP)
Date Received: 01-APR-2020 10:00

NCR #

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 #	231019 exp: 11/1/22
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: FLPLNS

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/31/20 Time 8:45	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field	Field/WIN ID → G3NW0170	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.74	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN	Location: Juniper Creek upstream of Eglin Rd 221	Temp (C) 19.9	pH 5.37	Sample Depth 0.16	☐ ft ☒ m	Sp. Conductance (umho/cm) 13.8
Latitu	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.00	Comments		C
Location						
Field	Field/WIN ID → G3NW0093	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/31/20 Time 9:05	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN	Location: Turkey Creek upstream of Eglin Road 232	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.67	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitu	☐ dms	Temp (C) 19.9	pH 5.29	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 13.8
	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.00	Comments		D
Location						
Field	Field/WIN ID → G3NW0095	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/31/20 Time 9:20	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN	Location: Juniper Creek above Hwy 85	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.69	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitu	☐ dms	Temp (C) 20.0	pH 5.33	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 13.7
	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.00	Comments		B
Location						
Field	Field/WIN ID → G3NW0150	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/31/20 Time 9:45	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN	Location: Toms Creek upstream of Hwy 85	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.57	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitu	☐ dms	Temp (C) 21.1	pH 6.27	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 25.5
	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.01	Comments		C

Relinquished By: M. Clark	Date/Time 3/31/20 16:00	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: IM	Date/Time 4/1/20 10:00
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	NW-UWF-ECQ					★ Contract Lab ★	
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI						
	W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-HARD						
	W-ICP						
	W-ICPMS						
		Lot # : NA9181090					
		7/2020					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
		Lot # SA9129100					
		5/2020					
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						

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: ELPNS

Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field	Field/WIN ID →	Barcode		Date	Time	Date	Time	Date	Time	Bottle Group(s) (See pg 2)	
WIN	Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine (mg/L)		C
WIN	Direct Runoff to Choctawhatchee Bay below Oregon Drive		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dms		Salinity (ppt)		Comments		☐ ft ☒ m				
Location		☐ dd ☐ dms		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field I	Field/WIN ID →	Barcode		Date	Time	Date	Time	Date	Time	Bottle Group(s)	
WIN/S	Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine (mg/L)		A
WIN/S	Gap Creek powerline South of Overbrook Drive		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dms		Salinity (ppt)		Comments		☐ ft ☒ m				
Location		☐ dd ☐ dms		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field II	Field/WIN ID →	Barcode		Date	Time	Date	Time	Date	Time	Bottle Group(s)	
WIN/S	Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine (mg/L)		B
WIN/S	Gap Creek South of Gail La Rue Cul-de-sac		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dms		Salinity (ppt)		Comments		☐ ft ☒ m				
Location		☐ dd ☐ dms		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID	Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine (mg/L)		
WIN/STORET #	Gap Creek South of Gail La Rue Cul-de-sac		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dms		Salinity (ppt)		Comments		☐ ft ☒ m				
Location		☐ dd ☐ dms		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID	Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine (mg/L)		
WIN/STORET #	Gap Creek South of Gail La Rue Cul-de-sac		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dms		Salinity (ppt)		Comments		☐ ft ☒ m				
Location		☐ dd ☐ dms		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID	Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine (mg/L)		
WIN/STORET #	Gap Creek South of Gail La Rue Cul-de-sac		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dms		Salinity (ppt)		Comments		☐ ft ☒ m				
Location		☐ dd ☐ dms		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID	Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine (mg/L)		
WIN/STORET #	Gap Creek South of Gail La Rue Cul-de-sac		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dms		Salinity (ppt)		Comments		☐ ft ☒ m				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>M. Clark</u>	<u>3/31/20 16:00</u>	<u>Fed Ex</u>	<u>2</u>	<u>IM</u>	<u>4/1/20 10:00</u>

Group: A	Bottle Type:	P-1L	# of Bottles: 1	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: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ECQ					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-HARD					
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	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: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					

Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ECQ					
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-HARD					
	W-ICP					
	W-ICPMS					
Group: B	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: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: C	Bottle Type:	P-1L	# of Bottles: 3	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: C	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: C	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____

Group: C	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
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Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
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Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab _____
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Group: D	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
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Group: B	Bottle Type: BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
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Group: B	Bottle Type: TEST HAS NO BOTTLE	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
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Group: B	Bottle Type: P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab
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NA7189080
7/20

Group: B Bottle Type: P-500ML # of Bottles: 2 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 

5492-3100
7/20

Group: B Bottle Type: P-125ML # of Bottles: 2 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 0

Group: C Bottle Type: P-1L # of Bottles: 3 Preservative: ICE Enter Number of Bottles Sent to Lab 3

Group: C Bottle Type: BP-1L # of Bottles: 3 Preservative: ICE Enter Number of Bottles Sent to Lab 

Group: C Bottle Type: TEST HAS NO # of Bottles: 3 Preservative: ICE Enter Number of Bottles Sent to Lab 

TEST HAS NO
BOTTLE

Enter Number of Bottles Sent to Lab 1

★ Contract Lab

Group: C	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
			SA9203100 7/20	+	SA9129100 5/20	
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	0
Group: D	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
					Contract Lab	

Document Reference # 05.1.0

Date of Request: 13-FEB-2020
 Created By: SLADE_C On: 13-FEB-2020
 Modified By: SWANSON_C On: 27-FEB-2020
 Customer: NW-DIST
 Project: SMP
 Division:
 District: Northwest District
 Sampling Event: Eglin Run West

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: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 25-FEB-2020
 Biology Request Reviewed By: SWANSON_C On: 27-FEB-2020
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 16-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: (WBID 843A) Nutrients, Metals, Tracers Contract Lab Bacteria
 Group B: (WBID 843A, 468A) Nutrients, Metals, Contract Lab Bacteria
 Group C: (WBID 468, 674, 874) Nutrients, Contract Lab Bacteria
 Group D: (WBID 495) Contract Lab Bacteria

**Please Send Labels*

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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: 1	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: 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 Type: P-500ML	Number of Bottles: 1	Preserved With: HNO ₃
W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO ₃
Hardness		

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3
 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

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: 1 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: 1 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 2 Samples:

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: HNO3
 W-HARD Template: DEFAULT (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
 Hardness
 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

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 Group B (Water) With 2 Samples:

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 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 Group C (Water) With 3 Samples:

Bottle Type: P-1L		Number of Bottles: 3	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: 3	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: 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 Type: P-500ML		Number of Bottles: 3	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: 3	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 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 Group D (Water) With 1 Samples:

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