

Roberts, Zachary

From: Klug, Kyle
Sent: Thursday, March 31, 2022 7:14 AM
To: Slade, Christopher "Stopher"
Cc: Roberts, Zachary
Subject: Re: RQ-2022-03-21-43 Sample type confirmation

No worries, we will get that fixed!

-Kyle

Sent from my Verizon, Samsung Galaxy smartphone
[Get Outlook for Android](#)

From: Slade, Christopher "Stopher" <Christopher.Slade@dep.state.fl.us>
Sent: Wednesday, March 30, 2022 4:48:25 PM
To: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Cc: Roberts, Zachary <Zachary.Roberts@FloridaDEP.gov>
Subject: RE: RQ-2022-03-21-43 Sample type confirmation

No sir, The NH3-F is an error. It is supposed to be a W-NH3. Sorry about that.

Stopher

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Wednesday, March 30, 2022 3:13 PM
To: Slade, Christopher "Stopher" <Christopher.Slade@dep.state.fl.us>
Cc: Roberts, Zachary <Zachary.Roberts@FloridaDEP.gov>
Subject: RE: RQ-2022-03-21-43 Sample type confirmation

Stopher,

Did you mean to schedule a W-NH3-F test as shown in the attached picture? W-NH3-F requires the sample to be field filtered unlike W-NH3. It seems that's why there was a bottle with just that test on it as it wouldn't be ran from the same bottle as the other nutrients tests. I'm guessing it was supposed to be scheduled as the non-filtered W-NH3 test?

Thank you,
Kyle

From: Slade, Christopher "Stopher" <Christopher.Slade@dep.state.fl.us>
Sent: Wednesday, March 30, 2022 3:49 PM
To: Roberts, Zachary <Zachary.Roberts@FloridaDEP.gov>
Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Subject: RE: RQ-2022-03-21-43 Sample type confirmation

Hello Zach,

For G3NW0162, this should be analyzed for W-NO₂NO₃ as well as W-NH₃, W-S-A-TP, W-TKN, W-TOC. The paperwork is correct. I am sorry if the bottle was mislabeled or there was an error at receiving.

Thanks for keeping me updated. Let me know if you have any other questions.

Stopher

From: Roberts, Zachary <Zachary.Roberts@FloridaDEP.gov>
Sent: Wednesday, March 30, 2022 2:12 PM
To: Slade, Christopher "Stopher" <Christopher.Slade@dep.state.fl.us>
Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Subject: RQ-2022-03-21-43 Sample type confirmation
Importance: High

Hey Sopher,

We received RQ-2022-03-21-43 today and the paperwork says you sent a W-NO₂NO₃ sample for the G3NW0162 site but we did not receive one, we did however receive a W-NH₃-F sample for the same site.

Is the W-NH₃-F sample meant to be a W-NO₂NO₃ sample or was that a mistake on the paperwork?

-Zac



ZAC ROBERTS
Laboratory Technician IV
Scientific Services Support Program
FDEP Laboratories
Office: 850-245-8784
Zachary.Roberts@FloridaDEP.gov

Login Checklist

RQ-2022-03-21-43

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 3/30/22 @ 10:30

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
-0.4				8		✓			121YR21784 98992830
1.0				8		✓			121YR21784 95415441

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO₃ and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. 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 _____ NA X

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes ✓ No _____

Caps on tight?

Yes ✓ No _____

Sufficient Sample Volume:

Yes ✓ No _____

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ✓ No _____ Init: *JK*

Chlorine detected? (One container checked per Field ID)

Yes _____ No X Init: *JK*

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

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

**Acid Preserved Samples: pH < 2.0?

Yes ✓ No _____ NA _____ Init: *JK*

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes _____ No _____ NA X Init: *JK*

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: *JK*

Date: 3/30/22

Event contains NCRs (Y/N)? N

Event ID: Niceville Run
NW-DIST-2022-03-30-02 (SMP)

Date Received: 30-MAR-2022 10:30

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-19-22
pH Test Strips 0 – 6	Lot#223819 EXP:8-30-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 EXP:3-15-24
Chlorine Test Strips	Lot#0070 EXP:2-23

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ Init: _____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

If no, were samples shipped on dry ice? Yes _____ No _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

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
CHAIN OF CUSTODY FORM

Date: 3/29/2022 **Collected By:** Christopher Stopher Slade, Frank Butera
Customer: NW-DIST **Sampling Agency:** FDEP
RQ: RQ-2022-03-21-43 **Project ID:** SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 2

Delivery Method: UPS

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
G3NW0162 Shaw Still Branch upstream E College Blvd	 G3NW0162
Gap Creek South of Gail La Rue Cul-de-sac	 G3NW0208
Direct Runoff to Choctawhatchee Bay @ Baseball Fields	 G3NW0003

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 3/29/2022
1630 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2022-03-21-43	Collected By: Christopher Stopher Slade, Frank Butera
Customer: FDEP	Field Report Prepared by: Christopher Stopher Slade, Frank Butera
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID: WIN ID/Field ID: G3NW0162	Comments: Microbiology sample(s) submitted to contract laboratory.

Location:

Location: ~~G3NW0162~~ Shaw Still Branch upstream E College Blvd

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)										
3/29/2022 910	8.64	93.8	19.7	6.63	0.05	0.1	0.1	178.3	0.08										
Parameter Suite		Parameter Methods				Preservation		pH Check		# Bottles sent to Lab	Bottle Group								
Preserved Nutrients (P-500ML)	X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				X	Ice	X	H2SO4*	X	<2	1	B						
		Lot #		SA1105060		Exp:	04/30/2022												
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD		Ice			<2								
		Lot #				Exp:													
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 µm Filter			Ice												
		Filter Lot #		Syringe Lot #															
BOD (BP-1L)		OV-BODUNIN				Ice													
Chlorophyll (BP-1L)	X	CHLSUITE-W				X	Ice								1	B			
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS				X	Ice								1	B			
Physical/Aggregate (Marine) (P-1L)		Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				Ice													
Macroinvertebrates (PJ-2L)		MI-FW-QLDC		Formalin Lot #		Formalin													
Periphyton (PT-50ML)		ALGAE-ID				Ice													
Microbiology (Contract Lab Bottle)	X	E Coli		F Coli		Enterococci								X	Ice		1	B	
	X	Contract Lab																	
Molecular (QPCR-P-500ML)	X	PCR-HF183		X	PCR-BacR		X							PCR-DG3	X	Ice		1	B
		PCR-GULL2		PCR-GFD															
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS			X	Ice		1	B							
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS		W-PSNP-TQ		Ice	MCAA Exp.	MCAA Lot#									
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R													
		W-TR-SQ-R		W-PCB-TQ-R															
Phytoplankton		DTY-QN-C		PKD-QN-BV			Ice												



RQ-2022-03-21-43

Collected By: Christopher Stopher Slade, Frank Butera

Customer: FDEP

Field Report Prepared by: Christopher Stopher Slade, Frank Butera

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3NW0208

Comments: Microbiology sample(s) submitted to contract laboratory.

Location:

Location: Gap Creek South of Gail La Rue Cul-de-sac

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. @	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)
3/29/2022 1003	6.78	71.4	18.3	6.15	0.15	0.3	0.3	117.8	0.06

Parameter Suite	Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				Ice	H2SO4*	<2		
	Lot #		Exp:						
Metals (P-500ML)	x W-ICPMS	x W-ICP	x W-HARD	x	Ice	HNO3*	X <2	1	A
	Lot #		Exp:		06/07/2022				
Filtered Nutrients (P125ML)	W-P04-F	Field Filtered 0.45 µm Filter			Ice				
	Filter Lot #	Syringe Lot #							
BOD (BP-1L)	OV-BODUNIN				Ice				
Chlorophyll (BP-1L)	CHLSUITE-W				Ice				
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS				Ice				
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				Ice				
Macroinvertebrates (PJ-2L)	MI-FW-QLDC	Formalin Lot #			Formalin				
Periphyton (PT-50ML)	ALGAE-ID				Ice				
Microbiology (Contract Lab Bottle)	X E Coli	F Coli	Enterococci	x	Ice			1	A
	Contract Lab								
Molecular (QPCR-P-500ML)	PCR-HF183	PCR-BacR	PCR-DG3		Ice				
	PCR-GULL2	PCR-GFD							
Tracers (BG-500ML)	W-E8321-DI	W-E8321-MS			Ice				
Pesticides (BG-500ML) (BG-1L)	X W-E8321-DI	X W-E8321-MS	X W-PSNP-TQ	x	Ice	MCAA Exp.	MCAA Lot#	10	A
	X W-PCL-TQ-R	X W-CARB-AA (5 ml of MCAA Buffer Solution)	X W-CT-CL-R			02/04/2023	128343		
	X W-TR-SQ-R	X W-PCB-TQ-R							
Phytoplankton	DTY-QN-C	PKD-QN-BV			Ice				



RQ-2022-03-21-43

Collected By: Christopher Stopher Slade, Frank Butera

Customer: FDEP

Field Report Prepared by: Christopher Stopher Slade, Frank Butera

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3NW0003

Comments: Microbiology sample(s) submitted to contract laboratory.

Location:

Location: Direct Runoff to Choctawhatchee Bay @ Baseball Fields

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {CEN}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)
3/29/2022 1055	9.02	122.6	24.7	6.6	0.05	0.1	0.1	29987	18.58

Parameter Suite	Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				Ice	H2SO4*	<2		
	Lot #		Exp:						
Metals (P-500ML)	W-ICPMS		W-ICP	W-HARD	Ice	HNO3*	<2		
	Lot #		Exp:						
Filtered Nutrients (P125ML)	W-PO4-F		Field Filtered 0.45 um Filter		Ice				
	Filter Lot #	Syringe Lot #							
BOD (BP-1L)	OV-BODUNIN				Ice				
Chlorophyll (BP-1L)	CHLSUITE-W				Ice				
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS				Ice				
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				Ice				
Macroinvertebrates (PJ-2L)	MI-FW-QLDC	Formalin Lot #			Formalin				
Periphyton (PT-50ML)	ALGAE-ID				Ice				
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli	Enterococci	x	Ice		1	E
	X	Contract Lab							
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR	PCR-DG3	Ice				
	PCR-GULL2		PCR-GFD						
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS		Ice				
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI		W-E8321-MS		Ice	MCAA Exp.	MCAA Lot#		
	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)						
	W-TR-SQ-R		W-PCB-TQ-R						
Phytoplankton	DTY-QN-C		PKD-QN-BV		Ice				

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Project: FDEP

Laboratory: UWF Wetlands Research Laboratory

Sampler's initials:

Page 1 of 1

Method of transport: on ice by hand

Date/Time: 3/29/2022 1:30p

Samples delivered by CC/FR of FDEP

Sample received by: Ch. Dillon of WRL
Date/Time: 05/29/22 1150p

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.

[illegible]

Comments:	Sample Container lot# 631700 #	Surface water. no chlorine expected
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BO-2022-03-21-43

Contact organization	FDEP

Address 160 Governmental Center, suite 308, Pensacola, FL 32502

Address: 100 Governmental Center, Suite 600, Springfield, MA 01103
 1. Matrix examples: SW = surface water, BW = Brackish Water, S = soil/sediment, other X =

³ Recorded using IRT-2

Phone: 850-595-8300

Sampler's name: Stephen Slade Frank / Suter

Transmittal Form.xls

Date of Request: 07-MAR-2022
 Created By: SLADE_C On: 07-MAR-2022
 Modified By: JASROTIA_P On: 08-MAR-2022
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Niceville Run

Send Coolers To:

Phone: 850-595-0605
 160 W Government Street
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Stopher Slade
 Cooler Ship EMail: christopher.slade@floridadep.gov

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 08-MAR-2022
 Biology Request Reviewed By: JASROTIA_P On: 08-MAR-2022
 Sampling Kit Required: YES Ship on: 11-MAR-2022
 Sampling Kit Shipped: YES On: 11-MAR-2022
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: YES
 Date to Receive Samples: 21-MAR-2022
 Logged In By:

Send Final Report To:

160 W Government Street
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Myranda Butler
 Report Notification EMail:
 christopher.slade@floridadep.gov;Myranda.k.butler@floridadep.gov;Mary.C.Rice@floridadep.gov

Comments: Group A: (WBID 843A) Metals, Pesticides, Contract Lab Bacteria
 Group B: (WBID 658) Fresh Nutrients, Tracers, Markers, Contract Lab Bacteria
 Group C: (WBID 751) Contract Lab Bacteria
 Group D: (WBID 874) Fresh Nutrients, Contract Lab Bacteria
 Group E: (WBID 874) Contract Lab Bacteria

FedEx return packing slips

UPS return packing slips

#####

Buffer Solution for W-CARB-AA Bottle Needed

#####

W-TR-SQ-R (sunscreens)

Wash your hands thoroughly and wear gloves. Refrain from using sunscreens on the day of sample collection.

#####

Bottle Group A (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: CH2ClCOOH and Ice
W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
Bottle Type: BG-500ML FILL TO	Number of Bottles: 4	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCB-TQ-R	Template: DEFAULT	(EPA 8270E) PCBs in water matrices by GC/MS/MS
W-PCL-TQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE

Bottle Group A (Water) With 1 Samples:

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: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-HARD	Template: DEFAULT	(SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
W-ICP	Template: SMP-FRESH	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Strontium		
Tin		
Titanium		
Vanadium		
Zinc		
W-ICPMS	Template: DEFAULT	(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		
Barium		
Beryllium		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Manganese		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		
Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
W-TR-SQ-R	Template: DEFAULT	(EPA 8270E) Analysis of Sunscreen Compounds in Water by GC/MS-SIM

Bottle Group B (Water) With 1 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-DG3	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
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: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: FILTER-H2SO4-ICE
W-NH3-F	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia, dissolved, in filtered, aqueous matrices as mg N/L
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
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-1L	Number of Bottles: 1	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

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(DEP SOP: NU-094-1) 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: 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 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
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola

Bottle Group D (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 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	(DEP SOP: NU-094-1) 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: 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: 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 Group E (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

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

