

Klug, Kyle

From: Klug, Kyle
Sent: Tuesday, January 18, 2022 7:48 AM
To: Slade, Christopher "Stopher"
Cc: King, Michael; McNally, Lauren
Subject: RE: Fwd: RQ-2022-01-10-30 | Late cooler

Good morning,

According to the SMP protocol, the only samples that will not be salvaged are the short hold samples for site G4NW0507. Everything else can be ran with a data qualifier. As for the extra pesticides, we can log them in as extra field blank samples, but only if you know for certain that's what they are. We already have two pesticide bottles for the field blank. Just let me know what you would like to do with those samples and if you have any other questions.

Thank you,
Kyle

From: Slade, Christopher "Stopher" <Christopher.Slade@dep.state.fl.us>
Sent: Friday, January 14, 2022 2:40 PM
To: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Cc: King, Michael <Michael.King@dep.state.fl.us>; McNally, Lauren <Lauren.McNally@FloridaDEP.gov>
Subject: Re: Fwd: RQ-2022-01-10-30 | Late cooler

Hello Kyle,

We were suppose to sample G4NW0277 but we were not able. Looks like we filled the wrong bottles from a different site. Were all the samples late? Or are we going to try and salvage some? Since these mislabels bottles are pesticides they probably will still be analyzed. The only other "site" that had pesticides was the field blank. I believe the mislabeled bottles are the extra volume that go with the field blank.

I will Mike King decide how we should handle this bottles.

Stopher

On Jan 14, 2022 13:22, "King, Michael" <Michael.King@dep.state.fl.us> wrote:

Get [Outlook for iOS](#)

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Friday, January 14, 2022 1:19:14 PM
To: McNally, Lauren <Lauren.McNally@FloridaDEP.gov>; King, Michael <Michael.King@dep.state.fl.us>
Subject: RE: RQ-2022-01-10-30 | Late cooler

Good afternoon,

I received two coolers today for this RQ for samples collected on the 12th. Unfortunately FedEx arrived late today and the sample arrived expired. The samples will be logged in based on the SMP protocol for late samples.

The other question I had was that one of the coolers had two W-CT-CI-R/W-PCL-TQ-R bottles for site G4NW0277 in the same RQ, however we did not receive any paperwork for that site. Were there other samples and submittal forms we were supposed to receive?

Thank you,
Kyle

From: McNally, Lauren <Lauren.McNally@FloridaDEP.gov>

Sent: Wednesday, January 12, 2022 2:27 PM

To: Lab.Receiving <Lab.Receiving@floridadep.gov>

Subject: RQ-2022-01-10-30

RQ-2022-01-10-30



Lauren McNally

Florida Department of Environmental Protection
Division of Environmental Assessment
& Restoration

Environmental Specialist II

Lauren.McNally@FloridaDEP.gov

Office: 850-595-0571

Login Checklist

RQ- 2022-01-10-30

Login Station ID: #5

Shipping Method: RedEx | UPS | HD | Greyhound

Date/Time of Receipt: 1/14/22 @ 12:04

*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	
0.1 -0.3				11 13		✓ ✓			5225 5542 8712 5225 5542 8723

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# 9221

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 ☒

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: JA

Chlorine detected? (One container checked per Field ID)

Yes _____ No ☒ Init: JA

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: JA

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

Yes _____ No _____ NA ☒ Init: KK

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

Coolers Unpacked/Checked by: KK/JA

Date: 1/14/22

Event contains NCRs (Y/N)? Y

Event ID: Milton North Run
NW-DIST-2022-01-14-01 (SMP)

Date Received: 14-JAN-2022 12:04

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#210620 EXP:4-15-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
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: 1/12/2022 **Collected By:** Lauren McNally, Christopher Stopher
Customer: NW-DIST **Slade**
Sampling Agency: FDEP
RQ: RQ-2022-01-10-30 **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: 3

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
Pace Mill Creek upstream of Hwy 90	 G4NW0481
FB	 FB_01122022
Jacobs Creek Upstream of Bagwell Rd	 G4NW0003
Pace Mill Creek end of Rodella St	 G4NW0146
Pond Creek downstream of Hwy 90	 G4NW0506
Collins Mill Creek upstream of Conecuh Street	 G4NW0507

RELINQUISHED BY(SIGNATURE):

L. McNally

DATE/TIME: 1/12/2022
1630 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: *ikh*

Rec'd/Inspected

Date: *1-14-22/1204*



RQ-2022-01-10-30	Collected By: Lauren McNally, Christopher Stopher Slade
Customer: FDEP	Field Report Prepared by: Lauren McNally, Christopher Stopher Slade
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4NW0481	Comments: Microbiology sample(s) submitted to contract laboratory

Location:

Location: Pace Mill Creek upstream of Hwy 90

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 _h)						
1/12/2022 853	9.4	84.9	11.4	5.76	0.15	0.342	0.342	51.7	0.02						
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	X	HNO3*	X	<2	1	D
		Lot #		1105100		Exp:		6/7/22							
Filtered Nutrients (P125ML)		X	W-PO4-F	X	Field Filtered 0.45 µm Filter			x	Ice				0	D	
		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	D	
		Contract Lab													
Molecular (QPCR-P-500ML)		X	PCR-HF183	X	PCR-BacR	X	PCR-DG3	x	Ice		1	D			
		PCR-GULL2		PCR-GFD											
Tracers (BG-500ML)		X	W-E8321-DI	X	W-E8321-MS			x	Ice		1	D			
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									
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice							



RQ-2022-01-10-30

Collected By: Lauren McNally, Christopher Stopher Slade

Customer: FDEP

Field Report Prepared by: Lauren McNally, Christopher Stopher Slade

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: FB_01122022

Comments: Microbiology sample(s) submitted to contract laboratory

Location:

Location: FB

Matrix: DI Water

(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)
1/12/2022 850									

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	E	
	Lot #		1105060		Exp:		4/30/22			
Metals (P-500ML)	x	W-ICPMS	x	W-ICP	x	W-HARD	x	Ice	x	HNO3*
	Lot #		1105100		Exp:		44719		x	<2
Filtered Nutrients (P125ML)	x	W-PO4-F	x	Field Filtered 0.45 µm Filter		x	Ice		0	E
	Filter Lot #		1005533		Syringe Lot #		17236199			
BOD (BP-1L)	OV-BODUIN				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)	E Coli		F Coli		Enterococci		Ice			
	Contract Lab									
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR		PCR-DG3		Ice			
	PCR-GULL2		PCR-GFD							
Tracers (BG-500ML)	x	W-E8321-DI	x	W-E8321-MS		x	Ice		1	E
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI		W-E8321-MS		x	W-PSNP-TQ	x	Ice	MCAA Exp.	MCAA Lot#
	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		x	W-CT-CL-R				
Phytoplankton	DTY-QN-C		PKD-QN-BV		Ice					



RQ-2022-01-10-30	Collected By: Lauren McNally, Christopher Stopher Slade
Customer: FDEP	Field Report Prepared by: Lauren McNally, Christopher Stopher Slade
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4NW0003	Comments: Microbiology sample(s) submitted to contract laboratory

Location:

Location: Jacobs Creek Upstream of Bagwell Rd

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)						
1/12/2022 929	9.22	84	11.7	5.81	0.25	0.5	0.5	38.2	0.02						
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 x HNO3*				6/7/22		X	<2	1	D				
		Lot # 1105100 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)		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	D				
		X Contract Lab													
Molecular (QPCR-P-500ML)		X PCR-HF183 X PCR-BacR X PCR-DG3				x Ice				1	D				
		PCR-GULL2 PCR-GFD													
Tracers (BG-500ML)		X W-E8321-DI X W-E8321-MS				x Ice				1	D				
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													
Phytoplankton		DTY-QN-C PKD-QN-BV				Ice									



RQ-2022-01-10-30	Collected By: Lauren McNally, Christopher Stopher Slade
Customer: FDEP	Field Report Prepared by: Lauren McNally, Christopher Stopher Slade
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4NW0146	Comments: Microbiology sample(s) submitted to contract laboratory

Location:

Location: Pace Mill Creek end of Rodella St

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 (PPTH)
1/12/2022 955	8.6	79.6	10.4	5.77	0.3	0.5	1.09	48.1	0.02

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	W-HARD	X	Ice	X	HNO3*
	Lot #		1105100		Exp:	6/7/22		X	<2
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)	CHLSUITE-W				Ice				
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-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	
	X	Contract Lab							
Molecular (QPCR-P-500ML)	X	PCR-HF183	X	PCR-BacR	X	PCR-DG3	X	Ice	
		PCR-GULL2	PCR-GFD						
Tracers (BG-500ML)	X	W-E8321-DI	X	W-E8321-MS			X	Ice	
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS		W-PSNP-TQ		Ice	MCAA Exp.
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R			MCAA Lot#
Phytoplankton		DTY-QN-C		PKD-QN-BV				Ice	



RQ-2022-01-10-30	Collected By: Lauren McNally, Christopher Stopher Slade
Customer: FDEP	Field Report Prepared by: Lauren McNally, Christopher Stopher Slade
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4NW0506	Comments: Microbiology sample(s) submitted to contract laboratory

Location:

Location: Pond Creek downstream of Hwy 90

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)				
1/12/2022 1030	9.73	91	12.9	5.71	0.3	0.902	0.902	27.2	0.01				
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		<2					
		Lot #		Exp:									
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)		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	Contract Lab			x	Ice		1	B			
Molecular (QPCR-P-500ML)		X	PCR-HF183	X	PCR-BacR	X	PCR-DG3						
			PCR-GULL2		PCR-GFD								
Tracers (BG-500ML)		X	W-E8321-DI	X	W-E8321-MS				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								
Phytoplankton		DTY-QN-C		PKD-QN-BV		Ice							



RQ-2022-01-10-30	Collected By: Lauren McNally, Christopher Stopher Slade
Customer: FDEP	Field Report Prepared by: Lauren McNally, Christopher Stopher Slade
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4NW0507	Comments: Microbiology sample(s) submitted to contract laboratory

Location:

Location: Collins Mill Creek upstream of Conecuh Street

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 (PPTH)
1/12/2022 1114	10.38	97.3	13	6.66	0.3	0.8	0.8	46.8	0.02

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	C
		Lot #	1105060	Exp:	4/30/22							
Metals (P-500ML)		W-ICPMS		W-ICP	W-HARD	Ice	HNO3*		<2			
		Lot #		Exp:								
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 µm Filter		X	Ice		1	C	
		Filter Lot #	17236199	Syringe Lot #	1005533							
BOD (BP-1L)		OV-BODUIN					Ice					
Chlorophyll (BP-1L)	X	CHLSUITE-W				X	Ice					
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS				X	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	C				
	X	Contract Lab										
Molecular (QPCR-P-500ML)		PCR-HF183	PCR-BacR	PCR-DG3		Ice						
		PCR-GULL2	PCR-GFD			Ice						
Tracers (BG-500ML)		W-E8321-DI	W-E8321-MS			Ice						
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								
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:

Method of transport: on ice by hand

Page 1 of 1

Samples delivered by: StG Power Slade of FDEP

Date/Time: 1/12/2022 1:200

Sample received by:  of WRL

Date/Time: 1/12/2022 / 12:00

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]

Surface water, no chlorine expected

Comments: Sample Container lot# L20020

RQ - 2022-01-10-30

Contact organization EDEP

Contact name **Mike King**

Phone: 850-595-8300

Address 160 Governmental Center suite 308 Pensacola FL 32502

Sampler's name:

¹Matrix examples: SW = surface water, PW = pore water, GW = ground water, FW = Freshwater, MW = Marine Water, BW = Brackish Water, S = soil/sediment, Other X =

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

³ Recorded using IRT-2

Date of Request: 21-DEC-2021
 Created By: KING_M On: 21-DEC-2021
 Modified By: SWANSON_C On: 29-DEC-2021
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Milton North Run

Send Coolers To:

Phone: 850-595-0605
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King
 Cooler Ship EMail: michael.king@dep.state.fl.us

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 27-DEC-2021
 Biology Request Reviewed By: SWANSON_C On: 29-DEC-2021
 Sampling Kit Required: YES Ship on: 04-JAN-2022
 Sampling Kit Shipped: YES On: 03-JAN-2022
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 10-JAN-2022
 Logged In By:

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Myranda Butler
 Report Notification EMail:
 Michael.King@floridadep.gov;Myranda.k.butler@floridadep.gov;
 Mary.C.Rice@floridadep.gov

Comments: Group A: (WBID 176) Tracers, Markers, Limited Pesticides, Contract Lab Bacteria
 Group B: (WBID 176) Tracers, Markers, Contract Lab Bacteria
 Group C: (WBID 24AC) Nutrients, Contract Lab Bacteria
 Group D: (WBID 420) Metals, Tracers, Markers, Contract Lab Bacteria
 Group E: (Field Blank) Nutrients, Metals, Tracers, Limited Pesticides
 FedEx return packing slips
 UPS return packing slips

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: 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 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-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
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 Group B (Water) With 1 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 1	Preserved With: ICE
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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: 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 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: 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 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	(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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group D (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 Type: QPCR-P-500ML	Number of Bottles: 3	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: 3	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: 3	Preserved With: HNO3
W-HARD	Template: DEFAULT	(SM 2340B) 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		

Bottle Group D (Water) With 3 Samples:

Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: HNO3
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
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 Group E (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	(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: BG-500ML FILL TO	Number of Bottles: 2	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
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
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-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		

Bottle Group E (Water) With 1 Samples:

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

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