From: Ayres, Joshua
To: Reaves, Shawn D
Subject: FW: RQ Date Wrong
Date: Thursday, June 16, 2022 12:14:41 PM
Attachments: image002.png

Joshua Ayres
Environmental Administrator
Scientific Services Support Program
FDEP Laboratories
Voice: 850.245.8206
Joshua.Ayres@FloridaDep.gov

From: McNally, Lauren <Lauren.McNally@FloridaDEP.gov>
Sent: Thursday, June 16, 2022 12:13 PM
To: Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>
Cc: Slade, Christopher "Stopher" <Christopher.Slade@dep.state.fl.us>
Subject: RQ Date Wrong

Good morning Josh,
I am following up on a LIMS issues I sent a few weeks ago. The collection date was incorrect for one of the sites (G4NW0505) on the RQ-2022-05-23-23. The collection date says 5/14 when it should read 5/24. Are you the person I should be contacting with these errors or do I need to notify someone else.
Thank you,

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-2022-05-23-23 **Login Station ID:** #2

Shipping Method: FedEx | UPS | HD | Greyhound **Date/Time of Receipt:** 5/25/2022 9:35

*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	
1.1				9		✓			5225 5547 1767
0.8				8		✓			5225 5547 1778
1.1				7		✓			5225 5547 1756

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 ✓ 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: IM

Chlorine detected? *(One container checked per Field ID)* Yes _____ No ✓ Init: IM

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: IM

**W-1-4-DIOX *(Green dot on container)* preserved to pH<4.0? Yes _____ No _____ NA ✓ Init: IM

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

Coolers Unpacked/Checked by: IM **Date:** 5/25/2022 **Event contains NCRs (Y/N)?** N

Event ID: Pensacola Run NW-DIST-2022-05-25-02 (SMP) Date Received: 25-MAY-2022 09:35

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	IR TEMP GUN #2 exp:10/19/22
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	210620 exp: 4/15/23
Chlorine Test Strips	0070 exp: 02/2023

Additional Comments:

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: 5/24/2022 **Collected By:** Christopher Stopher Slade, Nathan Mulkey

Customer: NW-DIST **Sampling Agency:** FDEP

RQ: RQ-2022-05-23-23 **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
Jones Creek NW corner of Walmart parking lot	G4NW0130
Jones Creek upstream of N Navy Blvd	G4NW0429
Jackson Creek downstream of Old Corry Rd.	G4NW0412
Bayou Marcus Creek upstream of Patricia Drive	G5NW0155
Marcus Creek upstream of Marcus Pointe Blvd	G4NW0179
Carpenter Creek below Target Stormwater Pond	G4NW0244
Jackson Creek upstream of Prieto Drive	G4NW0505
Carpenter Creek upstream of 9th Avenue	G4NW0415

RELINQUISHED BY(SIGNATURE): Stopher Slade

DATE/TIME: 5/24/2022 1630 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: IM **Rec'd/Inspected Date:** 5/25/22

RQ-2022-05-23-23	**Collected By**: Christopher Stopher Slade, Nathan Mulkey
Customer: FDEP	**Field Report Prepared by**: Christopher Stopher Slade, Nathan Mulkey
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G4NW0130	**Comments:**

Location:
Location: Jones Creek NW corner of Walmart parking lot

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
5/24/2022 900	5.21	60.7	23	5.5	0.15	0.3	0.3	78.2	0.04

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 Lot # Exp:	Ice H2SO4*		<2		
Metals (P-500ML)	x W-ICPMS X W-ICP X W-HARD Lot # 1105100 Exp: 6/7/22	X Ice X HNO3*	X	<2	1	C
Filtered Nutrients (P125ML)	W-PO4-F Field Filtered 0.45 um Filter Filter Lot # Syringe Lot #	Ice				
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-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 Contract Lab	Ice				
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 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 x W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) X W-CT-CL-R W-TR-SQ-R X W-PCB-TQ-R	x Ice MCAA Exp.	MCAA Lot#		2	C
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice				

RQ-2022-05-23-23	**Collected By**: Christopher Stopher Slade, Nathan Mulkey
Customer: FDEP	**Field Report Prepared by**: Christopher Stopher Slade, Nathan Mulkey
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G4NW0429	**Comments:**

Location:
Location: Jones Creek upstream of N Navy 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 (PPTh
5/24/2022 850	4.97	57.7	22.9	5.62	0.15	0.3	0.3	76.8	0.03

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 Lot # Exp:	Ice H2SO4*		<2		
Metals (P-500ML)	x W-ICPMS X W-ICP X W-HARD Lot # 1105100 Exp: 6/7/22	X Ice X HNO3*	X	<2	1	C
Filtered Nutrients (P125ML)	W-PO4-F Field Filtered 0.45 um Filter Filter Lot # Syringe Lot #	Ice				
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-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 Contract Lab	Ice				
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 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 x W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) X W-CT-CL-R W-TR-SQ-R X W-PCB-TQ-R	x Ice MCAA Exp.	MCAA Lot#		2	C
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice				

RQ-2022-05-23-23	**Collected By:** Christopher Stopher Slade, Nathan Mulkey
Customer: FDEP	**Field Report Prepared by:** Christopher Stopher Slade, Nathan Mulkey
Project ID: SMP	**Sampling Agency:** FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G4NW0412	**Comments:**

Location:
Location: Jackson Creek downstream of Old Corry Rd.

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
5/24/2022 915	7.13	83.7	23.3	6.13	0.2	0.4	0.4	136.5	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 Lot # Exp:	Ice H2SO4*	<2		
Metals (P-500ML)	W-ICPMS W-ICP W-HARD Lot # Exp:	Ice HNO3*	<2		
Filtered Nutrients (P125ML)	W-PO4-F Field Filtered 0.45 um Filter Filter Lot # Syringe Lot #	Ice			
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-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 Contract Lab	Ice			
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 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 X W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) X W-CT-CL-R W-TR-SQ-R X W-PCB-TQ-R	x Ice MCAA Exp. MCAA Lot#		2	E
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice			

RQ-2022-05-23-23	**Collected By**: Christopher Stopher Slade, Nathan Mulkey
Customer: FDEP	**Field Report Prepared by**: Christopher Stopher Slade, Nathan Mulkey
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G5NW0155	**Comments:**

Location:
Location: Bayou Marcus Creek upstream of Patricia Drive

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
5/24/2022 945	5.88	70.5	24.6	6.23	0.2	0.4	0.4	81.1	0.04

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; Lot #: ; Exp:	Ice; H2SO4*	<2		
Metals (P-500ML)	W-ICPMS; W-ICP; W-HARD; Lot #: ; Exp:	Ice; HNO3*	<2		
Filtered Nutrients (P125ML)	W-PO4-F; Field Filtered 0.45 um Filter; Filter Lot #: ; Syringe Lot #:	Ice			
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-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; Contract Lab	Ice			
Molecular (QPCR-P-500ML)	PCR-HF183; PCR-BacR; PCR-DG3; PCR-GULL2; PCR-GFD	Ice			
Tracers (BG-500ML)	W-E8321-DI; W-E8321-MS	Ice			
Pesticides (BG-500ML) (BG-1L)	X W-E8321-DI; X W-E8321-MS; W-PSNP-TQ; X W-PCL-TQ-R; X W-CARB-AA (5 ml of MCAA Buffer Solution); X W-CT-CL-R; W-TR-SQ-R; X W-PCB-TQ-R	X; Ice; MCAA Exp.: 2/4/23	MCAA Lot#: 128343	4	D
Phytoplankton	DTY-QN-C; PKD-QN-BV	Ice			

RQ-2022-05-23-23	**Collected By**: Christopher Stopher Slade, Nathan Mulkey
Customer: FDEP	**Field Report Prepared by**: Christopher Stopher Slade, Nathan Mulkey
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID**: G4NW0179	**Comments**: Microbiology sample(s) submitted to contract laboratory.

Location:
Location: Marcus Creek upstream of Marcus Pointe 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 (PPTh
5/24/2022 1015	4.56	53.5	23.4	6.35	0.3	0.9	0.9	125.3	0.06

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 Lot # 1308030 Exp:	x Ice x H2SO4* 12/1/22	X	<2	1	A
Metals (P-500ML)	x W-ICPMS X W-ICP X W-HARD Lot # 1105100 Exp:	X Ice X HNO3* 6/7/22	X	<2	1	A
Filtered Nutrients (P125ML)	W-PO4-F Field Filtered 0.45 um Filter Filter Lot # Syringe Lot #	Ice				
BOD (BP-1L)	OV-BODUNIN	Ice				
Chlorophyll (BP-1L)	x CHLSUITE-W	x Ice			1	A
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	A
Physical/Aggregate (Marine) (P-1L)	Alkalinity / 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	A
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 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 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	Ice MCAA Exp. MCAA Lot#				
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice				

RQ-2022-05-23-23	**Collected By**: Christopher Stopher Slade, Nathan Mulkey
Customer: FDEP	**Field Report Prepared by**: Christopher Stopher Slade, Nathan Mulkey
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G4NW0244	**Comments**:

Location:
Location: Carpenter Creek below Target Stormwater Pond

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
5/24/2022 1105	7.47	87.2	23.1	6.09	0.3	0.6	0.6	83	0.04

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 Lot # Exp:	Ice H2SO4*	<2		
Metals (P-500ML)	W-ICPMS W-ICP W-HARD Lot # Exp:	Ice HNO3*	<2		
Filtered Nutrients (P125ML)	W-PO4-F Field Filtered 0.45 um Filter Filter Lot # Syringe Lot #	Ice			
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-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 Contract Lab	Ice			
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 PCR-GULL2 PCR-GFD	Ice			
Tracers (BG-500ML)	W-E8321-DI W-E8321-MS	Ice			
Pesticides (BG-500ML) (BG-1L)	X W-E8321-DI X W-E8321-MS W-PSNP-TQ X W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) X W-CT-CL-R W-TR-SQ-R X W-PCB-TQ-R	X Ice MCAA Exp.	MCAA Lot#	3	B
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice			

RQ-2022-05-23-23	**Collected By:** Christopher Stopher Slade, Nathan Mulkey
Customer: FDEP	**Field Report Prepared by:** Christopher Stopher Slade, Nathan Mulkey
Project ID: SMP	**Sampling Agency:** FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G4NW0505	**Comments:**

Location:
Location: Jackson Creek upstream of Prieto Drive

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
5/17/2022 925	9.55	116.1	25.6	6.31	0.1	0.2	0.2	105.6	0.05

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 Lot # Exp:	Ice H2SO4*	<2		
Metals (P-500ML)	W-ICPMS W-ICP W-HARD Lot # Exp:	Ice HNO3*	<2		
Filtered Nutrients (P125ML)	W-PO4-F Field Filtered 0.45 um Filter Filter Lot # Syringe Lot #	Ice			
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-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 Contract Lab	Ice			
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 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 x W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) x W-CT-CL-R W-TR-SQ-R x W-PCB-TQ-R	x Ice MCAA Exp.	MCAA Lot#	2	E
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice			

RQ-2202-05-23-23	**Collected By:** Christopher Stopher Slade, Nathan Mulkey
Customer: FDEP	**Field Report Prepared by:** Christopher Stopher Slade, Nathan Mulkey
Project ID: SMP	**Sampling Agency:** FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G4NW0415	**Comments:**

Location:
Location: Carpenter Creek upstream of 9th Avenue

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
5/24/2022 1040	7.72	89.8	23	6.06	0.1	0.2	0.2	84.6	0.04

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 Lot # Exp:	☐ Ice ☐ H2SO4*	<2		
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD Lot # Exp:	☐ Ice ☐ HNO3*	<2		
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 um Filter Filter Lot # Syringe Lot #	☐ Ice			
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-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 ☐ Contract Lab	☐ Ice			
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	X W-E8321-DI X W-E8321-MS ☐ W-PSNP-TQ X W-PCL-TQ-R ☐ W-CARB-AA (5 ml of MCAA Buffer Solution) X W-CT-CL-R ☐ W-TR-SQ-R X W-PCB-TQ-R	X ☐ Ice MCAA Exp.	MCAA Lot#	5	B
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-BV	☐ Ice			

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Project: FDEP | Laboratory: Wetlands Research Laboratory | Sampler's intials : NM/SS

Method of transport: on ice by hand | Page 1 of 1

Samples delivered by: S. Slade of FDEP | Date/Time: 5/24/22 1148

Sample received by: Jeremy Bosso of WRL | Date/Time: 5/24/2022 1148

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.

Lab ID	Sample ID	Matrix[1]	Type[2]	Container Type	Analyses Requested	Preservative	Sample (°C)[3]	Sampling Date/Time
22-49665	G4NW0179 Marcus Creek	FW	G	Sterile plastic	Escherichia coli 18-QT	ice/$Na_2S_2O_3$	3.9	5/24/22 1015

Comments: **Sample Container lot#** 21190 | Surface water, no chlorine expected

RQ -2022-05-23-23

Contact organization FDEP | Contact name Stopher Slade | Phone: 850 595-0567

Address 160 Governmental Center, suite 308, Pensacola, FL 32502 | Sampler's name: Nathan Mickey

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

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

Cooler Packing Worksheet for Request: RQ-2022-05-23-23
Pensacola Run
Ship Cooler On: 5/13/2022
Customer/Project: NW-DIST/SMP

Assigned To: ROBERTS_Z
Requester: Christopher Slade
Priority: 3

850-595-0567
160 W Goverment Street
Suite 208
Pensacola, FL 32502-5794

Attn: Stopher Slade

Please return packing list with sample submittal forms.

Comments:
Group A: (WBID 725) Freshwater Nutrients, Metals, Contract Lab Bacteria

Group B: (WBID 676) Tracers, Limited Pesticides

Group C: (WBID 846A) Metals, Limited Pesticides

Group D (697C) Pesticides

Group E: (WBID 846B) Limited Pesticides

Packing notes;

UPS return packing slips

FedEx return packing slips

##########

Buffer Solution for W-CARB-AA Bottle Needed

##########

Requested Analyses:

Bottle Group: A **# of Sites: 1**

Container ID: P-1L **Qty: 1** **Preservation: ICE** **Lot #** 60031379

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm (not valid for NPDES monitoring)
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices

W-TSS	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L **Qty: 1** **Preservation: ICE** **Lot #** 1349992

Description: Brown Plastic Bottle 1L

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: TEST HAS NO BOTTLE **Qty: 1** **Preservation: ICE** **Lot #** N/A

Description: Do not ship container for this test.

Analysis	Description
NW-UWF-ECQ	E. coli by Colilert-18/QT by UWF in Pensacola

Container ID: P-500ML **Qty: 1** **Preservation: HNO3** **Lot #** 00082446

Description: Plastic Bottle 500 mL Affix RED nitric acid dot to container.

Analysis	Description
W-HARD	Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
W-ICP	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
W-ICPMS	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML **Qty: 1** **Preservation: ICE And H2SO4** **Lot #** 00082446

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group: B # of Sites: 2

Container ID: BG-500ML FILL TO TOP **Qty: 6** **Preservation: ICE** **Lot #** 00083119

Description: Brown Glass Bottle 500ML *Fill Completely* Affix BLUE dot to container.

Analysis	Description
W-CT-CI-R	Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCB-TQ-R	PCBs in water matrices by GC/MS/MS
W-PCL-TQ-R	Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

W-PCB-TQ-R	PCBs in water matrices by GC/MS/MS
W-PCL-TQ-R	Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Container ID: BG-500ML **Qty: 1** **Preservation: ICE** **Lot #** 00083119

Description: Brown Glass Bottle 500ML *FILL Completely* Affix BLUE dot to container.

Analysis	Description
W-E8321-DI	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: E # of Sites: 2

Container ID: BG-500ML FILL TO TOP **Qty: 4** **Preservation: ICE** **Lot #** 00083119

Description: Brown Glass Bottle 500ML *Fill Completely* Affix BLUE dot to container.

Analysis	Description
W-CT-CI-R	Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCB-TQ-R	PCBs in water matrices by GC/MS/MS
W-PCL-TQ-R	Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Cooler Packed By: R Number of Coolers: 3 Date: 5-16-2022

Kit must also include:
- ✓ Field Sheets
- ✓ Temperature Control Bottle
- ✓ FedEx Bills, if applicable
- ✓ Plastic Bags/Zip Ties
- ✓ Acid Labels (sets of 24)

If Preservation Included:

ID	MCAA BUFFER SOL. SER:# 128343 EXP: 02/04/2023	Exp	Lot #
ID		Exp	Lot #
ID		Exp	Lot #
ID		Exp	Lot #
ID		Exp	Lot #

PLEASE RETURN ALL COOLERS FOR RQ-2022-05-23-23

Container ID: BG-500ML **Qty: 2** **Preservation: ICE** **Lot #** 00083119

Description: Brown Glass Bottle 500ML *FILL Completely* Affix BLUE dot to container.

Analysis	Description
W-E8321-DI	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: C # of Sites: 2

Container ID: BG-500ML FILL TO TOP **Qty: 4** **Preservation: ICE** **Lot #** 00083119

Description: Brown Glass Bottle 500ML *Fill Completely* Affix BLUE dot to container.

Analysis	Description
W-CT-Cl-R	Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCB-TQ-R	PCBs in water matrices by GC/MS/MS
W-PCL-TQ-R	Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Container ID: P-500ML **Qty: 2** **Preservation: HNO3** **Lot #** 00082446

Description: Plastic Bottle 500 mL Affix RED nitric acid dot to container.

Analysis	Description
W-HARD	Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
W-ICP	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
W-ICPMS	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Bottle Group: D # of Sites: 1

Container ID: BG-500ML **Qty: 1** **Preservation: CH2ClCOOH and Ice** **Lot #** 00083119

Description: Brown Glass Bottle 500ML *FILL Completely* Affix BLUE dot to container.

Analysis	Description
W-CARB-AA	Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML FILL TO TOP **Qty: 2** **Preservation: ICE** **Lot #** 00083119

Description: Brown Glass Bottle 500ML *Fill Completely* Affix BLUE dot to container.

Analysis	Description
W-CT-Cl-R	Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

RQ-2022-05-23-23

Date of Request: 25-APR-2022
Created By: SLADE_C On: 25-APR-2022
Modified By: JASROTIA_P On: 06-MAY-2022
Customer: NW-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northwest District
Event Description: Pensacola Run

Send Coolers To:

Phone: 850-595-0567
160 W Goverment 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: 06-MAY-2022
Biology Request Reviewed By: JASROTIA_P On: 06-MAY-2022
Sampling Kit Required: YES Ship on: 13-MAY-2022
Sampling Kit Shipped: YES On: 17-MAY-2022
Sampling Kit Packed By: ROBERTS_Z
Preservatives Needed: YES
Date to Receive Samples: 23-MAY-2022
Logged In By:

Send Final Report To:

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

Comments: Group A: (WBID 725) Freshwater Nutrients, Metals, Contract Lab Bacteria

Group B: (WBID 676) Tracers, Limited Pesticides

Group C: (WBID 846A) Metals, Limited Pesticides

Group D (697C) Pesticides

Group E: (WBID 846B) Limited Pesticides

Packing notes;

UPS return packing slips

FedEx return packing slips

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Buffer Solution for W-CARB-AA Bottle Needed

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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 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 *Color (true)	Template: DEFAULT	(DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
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

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L Number of Bottles: 1 Preserved With: ICE

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: 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: 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 B (Water) With 2 Samples:

Bottle Type: BG-500ML FILL TO Number of Bottles: 6 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:	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Bottle Type: BG-500ML Number of Bottles: 2 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 2 Samples:

Bottle Type: BG-500ML FILL TO Number of Bottles: 4 Preserved With: ICE

Bottle Group C (Water) With 2 Samples:

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:	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Bottle Type: P-500ML Number of Bottles: 2 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 Group D (Water) With 1 Samples:

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: 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-PCB-TQ-R	Template: DEFAULT	(EPA 8270E) PCBs in water matrices by GC/MS/MS
W-PCL-TQ-R	Template:	(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 E (Water) With 2 Samples:

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:	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

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