

Login Checklist

RQ- 2023-03-20-16

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 03/21/2023@10:15

*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	
-0.2 0.2				15 14 14 TL		✓			771608737429 771608737500

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: TL

Chlorine detected? (One container checked per Field ID)

Yes _____ No ☒ Init: TL

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: TL

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

Yes _____ No _____ NA ☒ Init: TL

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

Coolers Unpacked/Checked by: TL

Date: 03/21/2023 Event contains NCRs(Y/N)? N

Pensacola Run
Event ID: NW-DIST-2023-03-21-04 (SMP)

-Date Received: 21-MAR-2023 10:15

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #4 Exp:10/17/2023
pH Test Strips 0 – 6	LOT# 223819AV Exp: AUG 30, 2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT# 207621 Exp: March 15, 2024
Chlorine Test Strips	LOT# 0129 Exp: Mar. 2023

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# _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 3/20/2023 **Collected By:** C. Stopher Slade, Hannah Henning
Customer: NW-DIST **Sampling Agency:** FDEP
RQ: RQ-2023-03-20-16 **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: FedEx

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

Site Location	Field ID/WIN ID
Jones Creek upstream of N Navy Blvd	 G4NW0429
Jackson Creek upstream of Prieto Drive	 G4NW0505
Jackson Creek downstream of Old Corry Rd.	 G4NW0412
Bayou Marcus Creek upstream of Mobile Hwy Bridge	 G5NW0156
Tributary to Bayou Marcus Creek upstream of Wymart Rd	 G5NW0005
Marcus Creek upstream of Marcus Pointe Blvd	 G4NW0179
Carpenter Creek below Target Stormwater Pond	 G4NW0244
Marcus Creek @ Millview Road (SR173)	 G5NW0006
CARPENTERS CR DAVIS HIGHWAY BR	 G4NW0036

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 3/20/2023

1630 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

TL

Rec'd/Inspected

Date:

3/21/23

Sampler's initials: HH/55

Method of transport: on ice by hand

Page 1 of 1

Samples delivered by: Hannah H. of FDEP Date/Time: 03/20/23 11512-

Sample received by: S. H. H. H. of WRL Date/Time: 03/20/23 / 1512

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]

Comments: Sample Container lot# 21347

PO # C01214

Surface water, no chlorine expected

RQ -2023-03-20-16

Contact organization FDEP

Contact name **Stopher Slade**

Phone:

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 =

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



RQ-2023-03-20-16

Customer: FDEP

Project ID: SMP

Collected By: C. Stopher Slade, Hannah Henning

Field Report Prepared by: C. Stopher Slade,
Hannah Henning

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4NW0036

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

Location: CARPENTERS CR DAVIS HIGHWAY BR

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)
3/20/2023 1150	9.04	83.6	11.7	6.52	0.3	0.8	0.8	111.9	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		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 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-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)	PCR-HF183	PCR-BacR	PCR-DG3		Ice		
	PCR-GULL2	PCR-GFD					
Tracers (BG-500ML)	W-E8321-DI / W-E8321-MS		Ice				
	W-E8321-DI	W-E8321-MS	W-PSNP-TQ				
Pesticides (BG-500ML) (BG-1L)	X W-PCL-TQ-R	W-CAR8-AA (5 ml of MCAA Buffer Solution)	X W-CT-CL-R	x	Ice	2	D
	W-TR-SQ-R	X W-PCB-TQ-R					
Phytoplankton	DTY-QN-C		PKD-QN-BV		Ice		
DOC	W-DOC		Field Filtered 0.45 µm Filter	Ice	H2SO4*	<2	
			Acid Preservative Expiration Date				
			Acid Preservative Lot Number				



RQ-2023-03-20-16	Collected By: C. Stopher Slade, Hannah Henning
Customer: FDEP	Field Report Prepared by: C. Stopher Slade, Hannah Henning
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5NW0006	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Marcus Creek @ Millview Road (SR173)

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)								
3/20/2023 940	8.55	81.9	13.4	6.03	0.3	1.3	2	76.7	0.04								
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	A				
		Lot #		2229010		Exp:	8/30/23										
Metals (P-500ML)	X	W-ICPMS		X	W-ICP		X	W-HARD		X	Ice	X	HNO3*	X	<2	1	A
		Lot #		2126030		Exp:	6/26/23										
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					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	Ice						1	A	
	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			W-PSNP-TQ	X	Ice	MCAA Exp.	MCAA Lot#	4	A				
	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												
Phytoplankton		DTY-QN-C		PKD-QN-BV					Ice								
DOC		W-DOC		Field Filtered 0.45 µm Filter				Ice		H2SO4*		<2					
			Acid Preservative Expiration Date														
			Acid Preservative Lot Number														



RQ-2023-03-20-16	Collected By: C. Stopher Slade, Hannah Henning
Customer: FDEP	Field Report Prepared by: C. Stopher Slade, Hannah Henning
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4NW0244	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Carpenter Creek below Target Stormwater Pond

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)				
3/20/2023 1225	8.67	91.3	17.9	6.14	0.3	0.6	0.6	82.4	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				Ice		H2SO4*		<2			
		Lot #		Exp:									
Metals (P-500ML)		W-ICPMS				W-ICP		W-HARD		<2			
		Lot #		Exp:		Ice		HNO3*					
Filtered Nutrients (P125ML)		W-PO4-F				Field Filtered 0.45 µm 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-CI-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 #							
Periphyton (PT-50ML)		ALGAE-ID				Ice							
Microbiology (Contract Lab Bottle)		X E Coli				F Coli		Enterococci		1			
		X Contract Lab				x		Ice					
Molecular (QPCR-P-500ML)		PCR-HF183				PCR-BacR		PCR-DG3					
		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		W-PSNP-TQ		2			
		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							
Phytoplankton		DTY-QN-C				PKD-QN-BV		Ice					
DOC		W-DOC				Field Filtered 0.45 µm Filter		Ice		<2			
						Acid Preservative Expiration Date							
						Acid Preservative Lot Number							

DOC



RQ-2023-03-20-16

Customer: FDEP

Project ID: SMP

Collected By: C. Stopher Slade, Hannah Henning

Field Report Prepared by: C. Stopher Slade, Hannah Henning

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5NW0005

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

Location: Tributary to Bayou Marcus Creek upstream of Wymart 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)
3/20/2023 1050	8.5	83.7	14.7	5.66	0.08	0.16	0.16	73.2	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				Ice	H2SO4*		<2	
	Lot #		Exp:						
Metals (P-500ML)	W-ICPMS				Ice	HNO3*		<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-C-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)	X	E Coli		F Coli		Enterococci	X	Ice	
	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		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				
DOC	W-DOC		Field Filtered 0.45 µm Filter		Ice		H2SO4*		
			Add Preservative Expiration Date					<2	
			Add Preservative Lot Number						



RQ-2023-03-20-16

Customer: FDEP

Project ID: SMP

Collected By: C. Stopher Slade, Hannah Henning

Field Report Prepared by: C. Stopher Slade, Hannah Henning

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5NW0156

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

Location: Bayou Marcus Creek upstream of Mobile Hwy Bridge

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)
3/20/2023 1030	8.81	85.2	13.8	6.53	0.3	0.9	0.9	81.6	0.04

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	A			
		Lot #		2126030	Exp:	6/2/23									
Metals (P-500ML)	X	W-ICPMS		X	W-ICP	X	W-HARD	X	Ice	X	HNO3*	X	<2	1	A
		Lot #		2229010	Exp:	8/30/23									
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)	X	CHLSUITE-W				X	Ice			1	A				
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-C / 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	Ice		1	A				
	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		W-PSNP-TQ		MCAA Exp.	MCAA Lot#	2	A				
	X	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)	X	W-CT-CL-R	X	Ice							
		W-TR-SQ-R	X	W-PCB-TQ-R											
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice							
DOC		W-DOC			Field Filtered 0.45 um Filter			Ice		H2SO4*					
					Acid Preservative Expiration Date					<2					
					Acid Preservative Lot Number										



RQ-2023-03-20-16	Collected By: C. Stopher Slade, Hannah Henning
Customer: FDEP	Field Report Prepared by: C. Stopher Slade, Hannah Henning
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4NW0412

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

Location: Jackson Creek downstream of Old Corry 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)				
3/20/2023 915	8.82	87	14.7	5.86	0.18	0.36	0.36	146.3	0.07				
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 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-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		Enterococci	x	Ice		1	D			
		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		x	Ice	MCAA Exp.	MCAA Lot#	2	D		
		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								
Phytoplankton		DTY-QN-C		PKD-QN-BV		Ice							
DOC		W-DOC		Field Filtered 0.45 µm Filter		Ice	H2SO 4*	<2					
				Acid Preservative Expiration Date									
				Acid Preservative Lot Number									



RQ-2023-03-20-16	Collected By: C. Stopher Slade, Hannah Henning
Customer: FDEP	Field Report Prepared by: C. Stopher Slade, Hannah Henning
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G4NW0505	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Jackson Creek upstream of Prieto Drive

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)				
3/20/2023 900	8.82	83.8	13	5.67	0.07	0.13	0.13	128.9	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)		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-C / 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)		X E Coli F Coli Enterococci			X Ice			1	D				
		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 W-PSNP-TQ			Ice	MCAA Exp.	MCAA Lot#	2	D				
		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											
Phytoplankton		DTY-QN-C PKD-QN-BV			Ice								
DOC		W-DOC Field Filtered 0.45 um Filter			Ice	H2SO4*							
		Acid Preservative Expiration Date					<2						
		Acid Preservative Lot Number											



RQ-2023-03-20-16

Customer: FDEP

Project ID: SMP

Collected By: C. Stopher Slade, Hannah Henning

Field Report Prepared by: C. Stopher Slade, Hannah Henning

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4NW0429

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

Location: Jones Creek upstream of N Navy Blvd

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)	
3/20/2023 840	8	73.3	11.4	5.32	0.3	0.6	0.6	73.9	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				Ice		H2SO4*	<2		
	Lot #		Exp:							
Metals (P-500ML)	x	W-ICPMS	x	W-ICP	x	W-HARD	x	Ice	x	HNO3*
	Lot #		2126030		Exp:		6/2/23		X	<2
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-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							1	C
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR		PCR-DG3					
	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		W-PSNP-TQ					
	X	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R	x	Ice		
		W-TR-SQ-R	X	W-PCB-TQ-R					2	C
Phytoplankton	DTY-QN-C		PKD-QN-BV		Ice					
DOC	W-DOC		Field Filtered 0.45 um Filter		Ice		H2SO4*		<2	
			Add Preservative Expiration Date							
			Add Preservative Lot Number							

Bottle Group C (Water) With 1 Samples:

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
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
Aluminum		
Antimony		
Arsenic		
Barium		
Beryllium		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Manganese		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		

Bottle Group D (Water) With 4 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 4	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 FILL TO	Number of Bottles: 8	Preserved With: ICE
W-CT-Cl-R	Template: DEFAULT	(EPA 8276) Chlordane and Toxaphene 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 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.

Bottle Group B (Water) With 1 Samples:

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

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
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Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

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-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-2015) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2015) 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 10150 B) 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
Bottle Type: BG-500ML FILL TO	Number of Bottles: 2	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Chlordane and Toxaphene 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: 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		

Bottle Group A (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: BG-500ML FILL TO	Number of Bottles: 6	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Chlordane and Toxaphene 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: 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
Aluminum		
Antimony		
Arsenic		
Barium		
Beryllium		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Manganese		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		

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 Group B (Water) With 1 Samples:

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		

Date of Request: 16-FEB-2023
 Created By: SLADE_C On: 16-FEB-2023
 Modified By: JASROTIA_P On: 28-FEB-2023
 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 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: 28-FEB-2023
 Biology Request Reviewed By: JASROTIA_P On: 28-FEB-2023
 Sampling Kit Required: YES Ship on: 06-MAR-2023
 Sampling Kit Shipped: YES On: 28-FEB-2023
 Sampling Kit Packed By: PENDLETO_C
 Preservatives Needed: NO
 Date to Receive Samples: 20-MAR-2023
 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

Comments: Group A: (WBID 697C) Nutrients, Metals, Limited Pesticides, Contract Lab Bacteria
 Group B: (WBID 725) Nutrients, Metals, Contract Lab Bactreia
 Group C: (WBID 846A) Metals, Limited Pesticides, Contract Lab Bacteria
 Group D (676, 846B) Limited Pesticides, Contract Lab Bacteria
 Group E: (697C) Contract Lab Bacteria

Packing notes;

FedEx return packing slips

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(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-2015) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2015) 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 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry