

Login Checklist

RQ-2023 - 08 - 14 - 21

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 09/22/2023 / 09:47

*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	
2.2C				9		X			6484 8457 7536

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 X No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ✓ No X ABS

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA X Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____ Containers intact? Yes X No _____

Caps on tight?

Yes X No _____

Sufficient Sample Volume:

Yes X 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 X No _____ Init: ABS

Chlorine detected? (One container checked per Field ID)

Yes _____ No X Init: ABS

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 X No _____ NA _____ Init: ABS

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

Yes _____ No _____ NA X Init: ABS

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

Coolers Unpacked/Checked by: ABS /

Date: 09/22/2023

Event contains NCRs (Y/N)? N

Event ID: NW - DIST - 2023 - 09 - 22 - 0

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG#2 EXP:10/17/23
pH Test Strips 0 – 6	LOT#223819BVEXP8/15/24
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT207621EXP:3/15/24
Chlorine Test Strips	2313 2025/07

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: ABS

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: 9/21/2023 **Collected By:** Lauren McNally, C. Stopher Slade
Customer: NW-DIST **Sampling Agency:** FDEP
RQ: RQ-2023-08-14-21 **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: 1

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
POND CREEK WEST OF HEADWATERS OF BLACKWATER BAY	 G4NW0277
CRESCENT LAKE	 G5NW0159
FB	 FB_09212023

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 9/21/2023

1600 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected

Date: 09/22/2023



RQ-2023-08-14-21

Customer: FDEP

Project ID: SMP

Collected By: Lauren McNally, C. Stopher Slade

Field Report Prepared by: Lauren McNally, C. Stopher Slade

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4NW0277

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

Location: POND CREEK WEST OF HEADWATERS OF BLACKWATER BAY

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)	
9/21/2023 820	7.73	87.1	21.2	5.16	0.3	2.1	2.1	28	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 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	B
	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				
	W-E8321-DI		W-E8321-MS		W-PSNP-TQ					
Pesticides (BG-500ML) (BG-1L)	X	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)		X	W-CT-CL-R	MCAA Exp.	MCAA Lot#	4	B
		W-TR-SQ-R	X	W-PCB-TQ-R						
Phytoplankton (BP-1L)	DTY-QN-C		PKD-QN-BV			Ice				
DOC (P-500ML)	W-DOC		Field Filtered 0.45 µm Filter			Ice H2SO4*				
	Acid Preservative Expiration Date									<2
	Acid Preservative Lot Number									



RQ-2023-08-14-21	Collected By: Lauren McNally, C. Stopher Slade
Customer: FDEP	Field Report Prepared by: Lauren McNally, C. Stopher Slade
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 
WIN ID/Field ID: G5NW0159

Comments:

Location: CRESCENT LAKE

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)	
9/21/2023 1000	7.44	93.5	26.8	6.46	0.3	1	2.1	90.1	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				Ice	X H2SO4*	<2	1	A
		Lot #	3013020	Exp:	1/25/2023					
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-BODUW				Ice				
Chlorophyll (BP-1L)	X	CHLSUITE-W				X Ice			1	A
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-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)		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)		W-E8321-D1	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 (BP-1L)		DTY-QN-C	PKD-QN-BV			Ice				
DOC (P-500ML)		W-DOC	Field Filtered 0.45 µm Filter			Ice	H2SO4*	<2		
			Acid Preservative Expiration Date							
			Acid Preservative Lot Number							



RQ-2023-08-14-21	Collected By: Lauren McNally, C. Stopher Slade
Customer: FDEP	Field Report Prepared by: Lauren McNally, C. Stopher Slade
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: FB_09212023

Comments:

Location: FB

Matrix: W-FIELD-BLANK

(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)	
9/21/2023 1005										
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			Ice	H2SO4*		<2	1	C
		Lot #	3013020		Exp:	01/25/2023				
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)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS			X	Ice			1	C
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		Ice				
		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			MCAA Exp.	MCAA Lot#		
Pesticides (BG-500ML) (BG-1L)		W-PCL-TQ-R	W-CAR8-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R	Ice				
		W-TR-SQ-R	W-PCB-TQ-R							
Phytoplankton (BP-1L)		DTY-QN-C	PKD-QN-BV			Ice				
DOC (P-500ML)		W-DOC	Field Filtered 0.45 µm Filter		Ice	H2SO4*		<2		
		Acid Preservative Expiration Date								
		Acid Preservative Lot Number								

SAMPLE TRANSMITTAL FORM
Document Reference # 05.10

Document Reference # 05.1.0

Project: FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials :

Method of transport: on ice by hand

Page 1 of 1

Samples delivered by: STO 2 HEL SLADE of FDEP
Sample received by: [Signature] of WRL

Date/Time: 9/21/23, 1007

Date/Time: 09/21/23 11007

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# L21347

PO # C01214

Surface water, no chlorine expected

RQ - 2023-08-14-21

Contact organization FDEP

Contact name: Stopher Slade

Phone: 850-595-8300

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

Sampler's name: Frank Butera, Ken Turman

Matrix examples: SW = surface water, PW = pore water, GW = ground water, FW = Freshwater, MW = Marine Water, BW = Brackish Water S = soil/sediment. Other X =
 Sampler's name: I-rank Butera, Ken Turman

³ Recorded using IRT-2

Date of Request: 13-JUL-2023
 Created By: SLADE_C On: 13-JUL-2023
 Modified By: JASROTIA_P On: 27-JUL-2023
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Western Lake 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@dep.state.fl.us

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 26-JUL-2023
 Biology Request Reviewed By: JASROTIA_P On: 27-JUL-2023
 Sampling Kit Required: YES Ship on: 07-AUG-2023
 Sampling Kit Shipped: YES On: 04-AUG-2023
 Sampling Kit Packed By: LEBRUN_T
 Preservatives Needed: NO
 Date to Receive Samples: 14-AUG-2023
 Logged In By: SHAIK_A On: 22-SEP-2023

Send Final Report To:

160 W Government Street
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Myranda K Butler
 Report Notification EMail:
 christopher.slade@dep.state.fl.us;myranda.k.butler@dep.state.fl.us

Comments: Group A: (WBID 697A) Freshwater Nutrients
 Group B: (WBID 176) Limited Pest, Contract Lab Bacteria
 Group C: (Field Blank) Nutrients No Chlorophyll
 Packing notes;
 FedEx return packing slips

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(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-SO ₄ -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: P-500ML	Number of Bottles: 1	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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 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: BG-500ML FILL TO	Number of Bottles: 4	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:	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(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-SO ₄ -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: P-500ML	Number of Bottles: 1	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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

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