

Login Checklist

RQ- 2023-06-26-12

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/28/23 @ 0928

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
	YES	HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
5.9				2		X			88594736 8228
						X			
						X			
						X			
						X			

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# 9941

Chain of Custody/ Field Sheet(s) Included?

Yes X No _____

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

Yes _____ No X

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 X Init: BKK

Chlorine detected? (One container checked per Field ID)

Yes _____ No X Init: BKK

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 X NA _____ Init: BKK

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

Yes _____ No _____ NA X Init: BKK

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

Coolers Unpacked/Checked by: BKK

Date: 6/28/23 Event contains NCRs (Y/N)? N

Freeport Run
Event ID: NW-DIST-2023-06-28-03 (SMP)

-Date Received: 28-JUN-2023 09:28

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #3 Exp:10/17/2023
pH Test Strips 0 – 6	Lot#223819AV Exp:8/30/23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 Exp:3/15/24
Chlorine Test Strips	lot 1196 exp 2/24

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: 6/26/2023 **Collected By:** Nathan Mulkey, Myranda Butler
Customer: NW-DIST **Sampling Agency:** FDEP
RQ: RQ-2023-06-26-12 **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
SEVEN RUNS UPSTREAM OF HWY 81	 G3NW0116
LITTLE BLACK CREEK UPSTREAM OF BLACK CREEK	 G3NW0200
MOUTH OF MULLET CREEK AT HWY 20	 G3NW0137

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 6/26/2023

1600 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:



Rec'd/Inspected

Date: 6/28/23 0928



RQ-2023-06-26-12	Collected By: Nathan Mulkey, Myranda Butler
Customer: FDEP	Field Report Prepared by: Nathan Mulkey, Myranda Butler
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 
WIN ID/Field ID: G3NW0116

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

Location: SEVEN RUNS UPSTREAM OF HWY 81

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)		
6/26/2023 930	7.25	85.2	23.4	4.66	0.3	0.6	0.6	20.2	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	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	MCAA Exp. MCAA Lot#					
	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-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						
	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 um Filter			Ice	H2SO 4*	<2				
		Add Preservative Expiration Date									
		Acid Preservative Lot Number									



RQ-2023-06-26-12

Customer: FDEP

Project ID: SMP

Collected By: Nathan Mulkey, Myranda Butler

Field Report Prepared by: Nathan Mulkey,
Myranda Butler

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3NW0200

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

Location: LITTLE BLACK CREEK UPSTREAM OF BLACK CREEK

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)	
6/26/2023 955	7.06	84.4	24.4	4.03	0.3	0.5	0.5	22.8	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	A
	X	Contract Lab								
Molecular (QPCR-P-500ML)	X	PCR-HF183	X	PCR-BacR	X	PCR-DG3	x	Ice	1	A
		PCR-GULL2		PCR-GFD						
Tracers (BG-500ML)	X	W-E8321-DI	X	W-E8321-MS	x	Ice			1	A
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS		W-PSNP-TQ		MCAA Exp.	MCAA Lot#	
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R	Ice			
		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*	<2	
				Acid Preservative Expiration Date						
				Acid Preservative Lot Number						

Collected By: Nathan Mulkey, Myranda Butler

Field Report Prepared by: Nathan Mulkey,
Myranda Butler

Sampling Agency: FDEP

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

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)		
6/26/2023 1030	4.96	62	26.8	5.39	0.3	1.1	1.1	44.5	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)		W-ICPMS		W-ICP	W-HARD	Ice	HNO3*	<2			
		Lot #		Exp:							
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 um Filter		Ice					
		Filter Lot #		Syringe Lot #							
BOD (BP-1L)		OV-BODUNIN				Ice					
Chlorophyll (BP-1L)		CHLSUITE-W				Ice					
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS				Ice					
Physical/Aggregate (Marine) (P-1L)		Alkalinity / W-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		Ice	MCAA Exp.	MCAA Lot#			
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)							
		W-TR-SQ-R		W-PCB-TQ-R							
Phytoplankton		DTY-QN-C		PKD-QN-BV		Ice					
DOC		W-DOC		Field Filtered 0.45 um Filter		Ice	H2SO 4*	<2			
				Acid Preservative Expiration Date							
				Acid Preservative Lot Number							

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

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: [Signature] of FDEP
Sample received by: [Signature] of WRL

Date/Time: 6/26/23 11:12

Date/Time: 6/26/23 11/21/2

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 - 2023-06-26-12

Contact organization FDEP

Contact name: Stophar Slade

Phone: 850-595-8300

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

Sampler's name:

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

²²Type codes: G = grab, C = composite, X =

³ Recorded using IRT-2

Date of Request: 18-MAY-2023
 Created By: SLADE_C On: 18-MAY-2023
 Modified By: JASROTIA_P On: 08-JUN-2023
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Freeport 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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 08-JUN-2023
 Biology Request Reviewed By: JASROTIA_P On: 08-JUN-2023
 Sampling Kit Required: YES Ship on: 16-JUN-2023
 Sampling Kit Shipped: YES On: 12-JUN-2023
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 26-JUN-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 719) Tracers, Markers, Contract Lab Bacteria
 Group B: (WBID445, 570, 712) Contract Lab Bacteria

Packing notes;

FedEx 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	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 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

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