

Login Checklist

RQ- 2023-01-30-57

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/06/23 @ 10:35

*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	
6.6				6					5225 5547 9676

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# 9738
- 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: _____

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: _____

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: K.K

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

Yes _____ No _____ NA ☒ Init: K.K

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

Coolers Unpacked/Checked by: K.K

Date: 2/06/23 Event contains NCRs(Y/N)? Y

EventID: Dune Lakes Run

NW-DIST-2023-02-06-01 (SMP)

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Infrared Thermometer ID:	IR TEMP GUN #1 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# 0070 Exp:2/23

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# _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 2/1/2023 **Collected By:** Frank Butera, Nathan Mulkey
Customer: NW-DIST **Sampling Agency:** FDEP
RQ: RQ-2023-01-30-57 **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
Eastern Lake off of Center Avenue	 G3NW0124
Alligator Lake	 G3NW0219
Western Lake	 G3NW0007

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 2/1/2023 1600
CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:



Rec'd/Inspected

Date:

2-6-23



RQ-2023-01-30-57	Collected By: Frank Butera, Nathan Mulkey
Customer: FDEP	Field Report Prepared by: Frank Butera, Nathan Mulkey
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID: WIN ID/Field ID: G3NW0124	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Eastern Lake off of Center Avenue

Matrix: Marine

(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)
2/1/2023 1024	8.07	87.8	16.4	6.95	0.3	1.05	1.05	19899	11.92

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-CH-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)	E Coli	F Coli	X				Enterococci	x	Ice	1	B
	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	MCAA Exp.	MCAA Lot#						
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								
Phytoplankton	DTY-QN-C	PKD-QN-BV	Ice								
DOC	W-DOC	Field Filtered 0.45 µm Filter	Ice	H2SO4*	<2						
		Add Preservative Expiration Date									
		Add Preservative Lot Number									



RQ-2023-01-30-57

Customer: FDEP

Project ID: SMP

Collected By: Frank Butera, Nathan Mulkey

Field Report Prepared by: Frank Butera, Nathan Mulkey

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G3NW0219

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

Location: Alligator Lake

Matrix: Marine

(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)
2/1/2023 1055	3.19	41.3	20.5	7.34	0.3	1	1.19	42139	27.11

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 # SA2145160		Exp:	06/02/2023							
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)	X	CHLSUITE-W				x	Ice			1	A	
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)	X	Alkalinity / W-F / W-TSS / TURBIDITY				x	Ice			1	A	
Macroinvertebrates (PJ-2L)		MI-FW-QLDC	Formalin Lot #			Formalin						
Periphyton (PT-50ML)		ALGAE-ID					Ice					
Microbiology (Contract Lab Bottle)		E Coli	F Coli	X	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	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*	<2				
	Acid Preservative Expiration Date											
	Acid Preservative Lot Number											



RQ-2023-01-30-57	Collected By: Frank Butera, Nathan Mulkey
Customer: FDEP	Field Report Prepared by: Frank Butera, Nathan Mulkey
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 	Comments: Microbiology sample(s) submitted to contract laboratory.
WIN ID/Field ID: G3NW0007	

Location: Western Lake

Matrix: Marine

(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)
2/1/2023 935	8.8	94.1	18	7.35	0.3	1.6	3.5	8708	4.88

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*	<2	1	A		
	Lot #		SA2145160		Exp:	06022023									
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)	X	CHLSUITE-W					X	Ice						1	A
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)	X	Alkalinity / W-F / W-TSS / TURBIDITY					X	Ice						1	A
Macroinvertebrates (PJ-2L)		MI-FW-QLDC	Formalin Lot #					Formalin							
Periphyton (PT-50ML)		ALGAE-ID						Ice							
Microbiology (Contract Lab Bottle)		E Coli		F Coli	X	Enterococci	X	Ice						1	A
	X	Contract Lab													
Molecular (QPCR-P-500ML)		PCR-HF1B3		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 um Filter				Ice		H2SO4*	<2					
	Acid Preservative Expiration Date														
	Acid Preservative Lot Number														

Date of Request: 19-JAN-2023
 Created By: SLADE_C On: 19-JAN-2023
 Modified By: JASROTIA_P On: 23-JAN-2023
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Dune Lakes 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: 20-JAN-2023
 Biology Request Reviewed By: JASROTIA_P On: 23-JAN-2023
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 30-JAN-2023
 Logged In By: SHAIK_A On: 06-FEB-2023

Send Final Report To:

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

Comments: Group A: (WBID 1009A, 959E) Marine Nutrients, Contract Lab Bacteria
 Group B: (WBID 1037) Contract Lab Bacteria

No Kit required

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 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: TEST HAS NO	Number of Bottles: 2	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
Bottle Type: P-500ML	Number of Bottles: 2	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 Type: TEST HAS NO Number of Bottles: 1 Preserved With: ICE
NW-UWF-ENQ Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola