

Login Checklist

RQ- 2023-04-10-40

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4/13 / 23 @ 9:09

*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	
1.0				5		X			5854734646 Y

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/ FieldSheet(s) Included? Yes ✓ No _____

CONTAINER CHECK

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

If Criminal, photographs taken? Yes _____ No X 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 _____ No X Init: C-P

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 X No _____ NA _____ Init: C-P

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

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

Coolers Unpacked/Checked by: C-P Date: 4/13 /23 Event contains NCRs (Y/N)? N

Event ID: NW-DIST-2023-04-13-01 (SMP)
Date Received: 13-APR-2023 09:09

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	221426058 10/17/23
pH Test Strips 0 – 6	223819AV 08/30/23
pH Paper 0 – 3	NA
pH Paper 0 – 13	210620 4/15/2023
Chlorine Test Strips	0070 03/2023

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: 4/12/2023 **Collected By:** C. Stopher Slade, Brook Olin
Customer: NW-DIST **Sampling Agency:** FDEP
RQ: RQ-2023-04-10-40 **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
SISTER RIVER MOUTH	 G3NW0154
LAKE POWELL DRAIN EAST ARM	 G3NW0009
TUCKER BAYOU E CHOCTAWHATCHEE BAY	 G3NW0010

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/12/2023

1600 CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:



Rec'd/Inspected

Date: 4-13-23

WIN ID/Field ID:  WIN ID/Field ID: G3NW0154	Comments:
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Matrix: Fresh	(Check One) ☒ Grab ☐ Composite
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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*		X	<2	1	C	
	Lot #				1105100		Exp:		6/2/23											
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)	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	C
	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			Acid Preservative Expiration Date				Ice		H2SO4*		<2							
					Acid Preservative Lot Number															



RQ-2023-04-10-40	Collected By: C. Stopher Slade, Brook Olin
Customer: FDEP	Field Report Prepared by: C. Stopher Slade, Brook Olin
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3NW0009	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: LAKE POWELL DRAIN EAST ARM

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)						
4/12/2023 1140	2.57	33.8	22.3	6.86	0.3	1	1.6	30090	18.5						
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					Ice									
	Field Filtered 0.45 µm Filter														
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									
Periphyton (PT-50ML)	ALGAE-ID					Ice									
Microbiology (Contract Lab Bottle)	E Coli					X	Ice		1	A					
	Contract Lab														
Molecular (QPCR-P-500ML)	PCR-HF183					Ice									
	PCR-GULL2														
Tracers (BG-500ML)	W-E8321-DI					Ice									
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI					Ice	MCAA Exp.	MCAA Lot#							
	W-E8321-MS														
	W-PSNP-TQ														
	W-PCL-TQ-R					Ice									
	W-CARB-AA (5 ml of MCAA Buffer Solution)														
	W-TR-SQ-R					Ice									
	W-PCB-TQ-R														
Phytoplankton	DTY-QN-C					Ice									
DOC	Field Filtered 0.45 µm Filter					Ice	H2SO4*	<2							
	W-DOC														
	Acid Preservative Expiration Date														
	Acid Preservative Lot Number														

RQ-2023-04-10-40	Collected By: C. Stopher Slade, Brook Olin
Customer: FDEP	Field Report Prepared by: C. Stopher Slade, Brook Olin
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G3NW0010	Comments: Microbiology sample(s) submitted to contract laboratory.
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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 _h)
4/12/2023 1255	6.81	82.5	20.9	7.5	0.3	0.7	1.4	22630	13.67

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	B			
	Lot #		229940		Exp:	11/30/23											
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									
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TD5					X	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		X	F Coli		X	Enterococci						x	Ice	2	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								
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																

SAMPLE TRANSMITTAL FORM
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: Brookline of FDEP

Date/Time: 4/12/2023 11:45:0

Sample received by:  of WRL

Date/Time: 04/17/23 11450

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# C21347

RQ-2023-04-10-40

Contact organization FDEP

Contact name *Chadman S. L.*

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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 =

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

Date of Request: 16-MAR-2023
 Created By: SLADE_C On: 16-MAR-2023
 Modified By: JASROTIA_P On: 22-MAR-2023
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Lake Powell Deployment 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: 22-MAR-2023
 Biology Request Reviewed By: JASROTIA_P On: 22-MAR-2023
 Sampling Kit Required: YES Ship on: 31-MAR-2023
 Sampling Kit Shipped: YES On: 27-MAR-2023
 Sampling Kit Packed By: PENDLETO_C
 Preservatives Needed: NO
 Date to Receive Samples: 10-APR-2023
 Logged In By:

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 1055B) Contract Lab Bacteria
 Group B: (11A) Nutrients, ContractLab Bacteria, Bacteria
 Group C: (951) Metals, Contract Lab Bacteria
 Packing notes;
 Fed Ex labels

Bottle Group A (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

Bottle Group B (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 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: P-250ML-WO-THI Number of Bottles: 1 Preserved With: ICE
 FCOLI-MF Template: DEFAULT (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems

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

Bottle Group B (Water) With 1 Samples:

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