

Login Checklist

RQ-2023-11-13-55

Login Station ID: #4

Shipping Method: ~~FedEx~~ | UPS | HD | Greyhound

Date/Time of Receipt: 11/ 29 /2023@09:30

*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	
1.3				13					648484599622

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 X No _____

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 _____ No X Init: TL

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: TL

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

Yes _____ No _____ NA X Init: TL

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

Coolers Unpacked/Checked by: TL

Date: 11/ 29 /2023 Event contains NCRs (Y/N)? N

EventID: NE-DIST-2023-11-29-01

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Infrared Thermometer ID:	IR TEMP GUN #4 Exp:10/16/2024
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# 2313 Exp: July 2025

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: 11/28/2023
Customer: NE-DIST
RQ: RQ-2023-11-13-55
Collected By: Jeremy Parrish, Katherine Halbert
Sampling Agency: FDEP
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
TERRAPIN CREEK AT FAYE ROAD	 20030653

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 11/28/2023
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: TL

Rec'd/Inspected Date: 11/29/23



RQ-2023-11-13-55

Collected By: Jeremy Parrish, Katherine Halbert

Customer: FDEP

Field Report Prepared by: Jeremy Parrish,
Katherine Halbert

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: 20030653

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

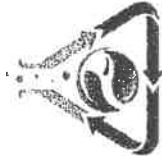
Location: TERRAPIN CREEK AT FAYE ROAD

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)							
11/28/2023 1145	9.11	88.9	14.3	6.6	0.07	0.14	0.14	129.7	0.06							
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 #		SA3193140		Exp:	01/25/2024									
Metals (P-500ML)	X	W-ICPMS		X	W-ICP		X	W-HARD	X	Ice		HNO3*		<2	1	A
		Lot #		NA3193130		Exp:	07/27/2024									
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 µm Filter			X	Ice			1	A			
		Filter Lot #	222915	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)	X	MI-FW-QLDC	Formalin Lot #		8280122TR		X	Formalin				2	A			
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)		W-E8321-DI			W-E8321-MS				Ice							
Pesticides (BG-500ML) (BG-1L)	X	W-E8321-DI	X	W-E8321-MS		X	W-PSNP-TQ		X	Ice	MCAA Exp.	MCAA Lot#	5	A		
		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		H2SO 4*		<2				
			Acid Preservative Expiration Date													
			Acid Preservative Lot Number													



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number
(Lab Use Only)

3653 Regent Boulevard, Suite # 509
Jacksonville, FL 32224
P. (904) 807-9625 E. info@deliabil.com
F. (904) 807-9627

Page 1 of 1

Company Name		Florida Department of Environmental Protection	
Address		8800 Baymeadows Way West	
City	Jacksonville	State	FL
Zip	32256		
Attn. Dep-overflowmicro@dep.state.fl.us			
Tel.		E-mail or Fax	
Project Name		9 Mile - SCI	
Project Number		2023-11-13-55	
Project Location			
Sampler Name/Signature		Katherine Halbert / 2	
Sample # (Lab Use Only)	Sample Identification	Date Sampled	Time Sampled
1	20030653	11/28/23	11:45
2			
3			
4			
5			
6			
7			
8			
9			
0			
Special Instructions:		Transfer Numbers	
		F-1	
Submitted By		Date / Time	
Katherine Halbert		11/28/23/1415	
Received By		Date / Time	
[Signature]		11/29/23 1415	
Sample Matrix Codes		Container Preservation Codes	
A. Air P. Petroleum		Sample Kit on Container Lot #	
B. Bulk S. Soil/Sludge			
W. Wipe O. Other			
PW. Potable Water			
NPW. Non-Potable Water			
Container Information (Qty, Size, & Type)		Sample Kit on Container Lot #	
250 mL	250 mL	250 mL	
6	6	6	
Parameters		Preservation Codes	
E. Coli - Quantitray		0. None 5. Na2S2O3	
Coliform, Fecal -		1. H2SO4 6. Crushed Ice (4C)	
MF 3 Dilutions		2. HNO3 7. C6H8O6	
		3. HCl 8. NH4Cl	
		4. NaOH 9. Other: (List)	
		10. Other: (List)	
In Crushed Ice? Yes / No		Cooler Temp: 12 °C	
Sample Cont. Temp: 2.4 °C		Turnaround Requested:	
		X. Standard (10 Business Days)	
		Semi-Rush (3-5 Business Days)	
		Rush (1-2 Business Days)	
		Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.	
Billing Information:		Invoice with Report	
		Invoice to Accounting	
Req. #:			
P.O. #:			



Certification #E821059

Lab General Form 059, Rev. #1, Rev. Date: 02/07/22, Effective Date: 02/07/22.

Visit us online & order kits at: www.deliabil.com

Date of Request: 02-NOV-2023
 Created By: PARRISH_J On: 02-NOV-2023
 Modified By: JASROTIA_P On: 02-NOV-2023
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Event Description: SCI Red Bay Branch

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Cooler Ship EMail: Jeremy.M.Parrish@floridadep.gov

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 02-NOV-2023
 Biology Request Reviewed By: JASROTIA_P On: 02-NOV-2023
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 13-NOV-2023
 Logged In By:

Send Final Report To:

8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Report Notification EMail: Jeremy.M.Parrish@floridadep.gov

Comments: Group A: Nutrients, Metals, Tracers, markers, Q-PSNP-TQ, W-TR-SQ-R, Bacteria
 Group B: SCI, Algae_ID

NE-DIV-ECQ

Packing Notes:
 none

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-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-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-DIV-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Collert/QT by Diversified Environmental Laboratories in Jacksonville
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

Bottle Group A (Water) With 1 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
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 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		
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-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: BG-500ML	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
W-TR-SQ-R	Template: DEFAULT	(EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM

Bottle Group B (Biological) With 1 Samples:

Bottle Type: PT-50ML	Number of Bottles: 1	Preserved With: ICE
ALGAL_ID	Template: DEFAULT	(SOP-AB18) Qualitative assessment of algal taxa present without counts
Bottle Type: PJ-2L	Number of Bottles: 2	Preserved With: Formalin
MI-FW-QLDC	Template: DEFAULT	(SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.

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