

Roberts, Zachary

From: Roberts, Zachary
Sent: Tuesday, January 17, 2023 11:58
To: Parrish, Jeremy M.
Cc: Klug, Kyle
Subject: RQ-2021-01-09-30 Arrived late

Importance: High

Hey Jeremy,

RQ-2023-01-09-30

Event ID : NE-DIST-2023-01-17-01

Arrived late and was logged in according to SMP protocol.

- Zac



ZAC ROBERTS
Laboratory Technician IV
Scientific Services Support Program
FDEP Laboratories
Office: 850-245-8784
Zachary.Roberts@FloridaDEP.gov

Login Checklist

RQ- 2023-01-09-30

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 01/17 /2023 9:20

*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	
3.1				8		X			5859 4731 9609

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 ✓ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(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 _____ 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: K

Chlorine detected? (One container checked per Field ID)

Yes _____ No X Init: K

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

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

Yes _____ No _____ NA X Init: _____

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

Coolers Unpacked/Checked by: K

Date: 01/17 /2023

Event contains NCRs(Y/N)? Y

9704

Event ID: Ormond Boat 2023
NE-DIST-2023-01-17-01 (SMP)

Date Received: 17-JAN-2023 09:20

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #4 Exp:10/17/2023
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# 0070 Exp: Feb. 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: 1/12/2023 **Collected By:** Jeremy Parrish, Katherine Halbert
Customer: NE-DIST **Sampling Agency:** FDEP
RQ: RQ-2023-01-09-30 **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
Unnamed Branch 0.5 Mi above Tomoka River	 G5NE0609
Groover Branch @ Airport Road Bridge	 G5NE0610

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 1/12/2023
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: 

Rec'd/Inspected
Date: 1-17-2023



RQ-2023-01-09-30	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: G5NE0609	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Unnamed Branch 0.5 Mi above Tomoka River

Matrix: Marine

(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)										
1/12/2023 1020	4.95	52.6	14.6	7.28	0.3	0.8	0.8	20222	12.13										
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 #	Sa2145150		Exp:	6/2/23													
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					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	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-CAR8-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																



RQ-2023-01-09-30	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: G5NE0610	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: Groover Branch @ Airport Road Bridge

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)			
1/12/2023 1100	5.99	58.7	14.4	7.05	0.3	0.5	0.5	408	0.2			
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*			
		Lot #		Sa2145160		Exp:		6/2/23				
Metals (P-500ML)			W-ICPMS		W-ICP	W-HARD	Ice		HNO3*			
		Lot #		Exp:				<2				
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		
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		
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			
		X	Contract Lab							B		
Molecular (QPCR-P-500ML)		X	PCR-HF183		X	PCR-BacR	X	PCR-DG3	X	Ice		
			PCR-GULL2		PCR-GFD					1		
Tracers (BG-500ML)		X	W-E8321-DI		X	W-E8321-MS		X	Ice	1		
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*			
		Acid Preservative Expiration Date						<2				
		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@delilab.com

F. (904) 807-9627

Page ____ of ____

Company Name Florida Department of Environmental Protection										Container Information (Qty, Size, & Type)				Sample Matrix Codes:						
Address 8800 Baymeadows Way West										250 mL	250 mL	250 mL						A. Air P. Petroleum		
City Jacksonville State FL Zip 32256																		B. Bulk S. Soil/Sludge		
Attn. Dep-overflownmicro@dep.state.fl.us										Container Preservation Codes				Sample Kit or Container Lot #						
Tel. E-mail or Fax										6	6	6								
Project Name 2023-01-09-30										Parameters				Preservation Codes:						
Project Number										E. Coli - Quantitray	Enterococci - Quantitray	Coliform, Fecal - MF 3 Dilutions						0. None 5. Na2S2O3		
Project Location Ormond																		1. H2SO4 6. Crushed Ice (4C)		
Sampler Name/Signature Katherine Halbert																		2. HNO3 7. C6H8O6		
																		3. HCl 8. NH4Cl		
Transfer #	Sample # (Lab Use Only)	Sample Identification	Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab									Thermal Preservation:			
1		G5NE0609	01/12/23	1020	NPW	22240		✓									In Crushed Ice? Yes / No			
2		G5NE0610	01/12/23	1100	NPW	408		✓									Cooler Temp: 0.3 °C			
3																	Sample Cont. Temp: 3.1 °C			
4																	Turnaround Requested:			
5																	☒ Standard (10 Business Days)			
6																	☐ Semi-Rush (3-5 Business Days)			
7																	☐ Rush (1-2 Business Days)			
8																	Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.			
9																	Billing Information:			
10																	☐ Invoice with Report			
																	☐ Invoice to Accounting			
																	Req. #:			
																	P.O. #:			
Special Instructions:										Transfer Numbers	Relinquished By				Date / Time		Received By		Date / Time	
										2	Katherine Halbert				01/12/23 / 13:03		Negen Ruck		1/12/23 13:03	



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.delilab.com

Date of Request: 21-DEC-2022
 Created By: PARRISH_J On: 21-DEC-2022
 Modified By: JASROTIA_P On: 12-JAN-2023
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Event Description: Ormond Boat 2023

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@dep.state.fl.us

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: JASROTIA_P On: 12-JAN-2023
 Biology Request Reviewed By: JASROTIA_P On: 12-JAN-2023
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 28-DEC-2022
 Sampling Kit Packed By: KREUCH_B
 Preservatives Needed: NO
 Date to Receive Samples: 09-JAN-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@dep.state.fl.us

Comments: Group A: (Surf-Salt) Nutrients, Bacteria
 (G5NE0609)
 Group B:(Surf.fresh)Nutrients, Bacteria, Marker,Tracer
 (G5NE0610)

Packing Notes:**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-F	Template: DEFAULT	(SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-DIV-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville
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 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

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-500ML		Number of Bottles: 1	Preserved With: ICE And H2SO4
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-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 10200 H (mod.)) 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 Colilert/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	
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	

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