

From: [Sprague, Kara](#)
To: [Reaves, Shawn D](#); [Ayres, Joshua](#)
Cc: [Wickline, Ethan](#); [Baker, Thomas J](#); [Mullen, William](#)
Subject: FW: RQ-2022-01-31-11
Date: Monday, February 21, 2022 1:19:45 PM

No worries! Shawn, can you update LIMS so that field ID G3SD0193 has sampling time of 10:10 instead of 10:00 for event SO-DIST-2022-02-03-01?

Thank you,
Kara

From: Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>
Sent: Monday, February 21, 2022 1:03 PM
To: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>; Mullen, William <William.Mullen@FloridaDEP.gov>
Cc: Wickline, Ethan <Ethan.Wickline@FloridaDEP.gov>
Subject: RE: RQ-2022-01-31-11

Hello,

Sorry error on our part the correct time is 10:10 that we wrote on the bottle. We must have hit 0 instead of 1 on the tablet when putting in the sample time. I will make sure to update our field sheets to reflect the correct sampling time that was written on the bottles.

Thank you,



Thomas Baker
Environmental Specialist II
Environmental Assessment and Restoration – South ROC
Florida Department of Environmental Protection
2295 Victoria Avenue Suite 364
Fort Myers, FL 33901
Thomas.J.Baker@FloridaDEP.gov
Office: 239-344-5663

From: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>
Sent: Monday, February 21, 2022 1:00 PM
To: Mullen, William <William.Mullen@FloridaDEP.gov>; Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>
Cc: Wickline, Ethan <Ethan.Wickline@FloridaDEP.gov>
Subject: RQ-2022-01-31-11

Hi William and Thomas,

We are reviewing the micro results from Benchmark and noticed that the sampling time on the DEP

chain of custody for G3SD0193 is different than the sampling time on the Benchmark chain of custody.

The DEP chain of custody says 10:00 and the Benchmark chain of custody says 10:10. Can you please let us know which is correct? We need the times to match to be able to upload the result.

Ethan, FYI, you won't be able to upload this event until the discrepancy is resolved.

Thank you!

Kara



Kara Sprague

Florida Department of Environmental Protection
Division of Environmental Assessment and Restoration
Biology Program, Toxicology Laboratory
Environmental Manager
Kara.Sprague@FloridaDEP.gov
Office: 850-245-8682
Cell: 904-860-7765

Login Checklist

RQ- 2022-01-31-11

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/ 3 /22 @ 9:55

*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				4		✓			5225 5543 2233

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 ☒

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: HLK

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: HLK

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

Yes _____ No _____ NA ☒ Init: HLK

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

Coolers Unpacked/Checked by: HLK

Date: 2/ 3 /22

Event contains NCRs (Y/N)? N

Event ID: 2022 SMP : Continuous Hatchett
SO-DIST-2022-02-03-01 (SMP)

Date Received: 03-FEB-2022 09:55

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-19-22
pH Test Strips 0 – 6	Lot#210620 EXP:4-15-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
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# _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 2/2/2022
Customer: SO-DIST
RQ: RQ-2022-01-31-11

Collected By: William Mullen, Thomas Baker
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

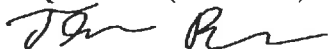
Number of Coolers Shipped: 1

Delivery Method: FedEx

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
Hatchett Creek Tidal 3	 G3SD0193

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 2/2/2022 1300
EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: *YH*

Rec'd/Inspected

Date: 2.3.22 / 0955



RQ-2022-01-31-11

Collected By: William Mullen, Thomas Baker

Customer: FDEP

Field Report Prepared by: William Mullen,
Thomas Baker

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SD0193

Comments:

Location:

Location: Hatchett Creek Tidal 3

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)
2/2/2022 1000	7.77	94.3	15.4	7.84	0.3	1.4	1.4	47850	31.47

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 #		SA1105060	Exp:	04/30/22						
Metals (P-500ML)		W-ICPMS		W-ICP	W-HARD		Ice		HNO3*		<2	
		Lot #			Exp:							
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter		X	Ice			1	A
		Filter Lot #	17232873	Syringe Lot #	1091364							
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-BR-IC / 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	
		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					

Benchmark EnviroAnalytical, Inc.
1001 Corporate Ave. Suite 102
North Port, FL 34289
(941) 625-3137 / (941) 240-3071 fax

Client Name: FDEP
Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399
Phone: (850) 245-8085 239-470-0873
Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore
P.O. #: Lab B16970-
695341

Project Name: RQ-2020-
Project Run/Location: 2022-01-31-11

Laboratory Submission #: 522020081

Station ID	Surface Water Sample Matrix ¹ (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray)				Laboratory Sample #
		E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL				
G3SD0193	F / M / Grab	E.coli / Entero	F.coli	Date & Time: 8/26/2022 10:10		1-
	F / M / Grab	E.coli / Entero / F.coli		Date & Time:		
	F / M / Grab	E.coli / Entero / F.coli		Date & Time:		
	F / M / Grab	E.coli / Entero / F.coli		Date & Time:		
	F / M / Grab	E.coli / Entero / F.coli		Date & Time:		
	F / M / Grab	E.coli / Entero / F.coli		Date & Time:		
	F / M / Grab	E.coli / Entero / F.coli		Date & Time:		
	F / M / Grab	E.coli / Entero / F.coli		Date & Time:		
	F / M / Grab	E.coli / Entero / F.coli		Date & Time:		
	F / M / Grab	E.coli / Entero / F.coli		Date & Time:		
	F / M / Grab	E.coli / Entero / F.coli		Date & Time:		

¹ "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

² "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SD/INT), or sludge (SLDG).

³ "Container Type" is used to indicate whether the container is plastic (P) or glass (G).

⁴ Sample must be refrigerated or stored in wet ice after collection. The maximum temperature during storage should be 6°C (43.2°F). Under "Preservative:" list any preservatives that were added to the sample container.

Instructions:

- Each bottle has a label identifying sample ID, preservative, preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
- All bottles not containing preservative may be placed with appropriate sample prior to collection.
- The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:

pH < 2 : 0 BEAS Temperature: 2.7°C

1	Collector: William Heller	Date: 02/02/2022	Time: 1143	Received By: BEAS-Kristin Hinton	Date: 2/2/22	Time: 1143
2	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
3	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
4	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
5	Relinquished by:	Date:	Time:	Received By:	Date:	Time:

Date of Request: 27-DEC-2021
 Created By: MULLEN_W On: 27-DEC-2021
 Modified By: JASROTIA_P On: 12-JAN-2022
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Event Description: 2022 SMP : Continuous Hatchett

Send Coolers To:

Phone: 239-344-5716
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: William Mullen
 Cooler Ship EMail: William.Mullen@FloridaDEP.gov

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 12-JAN-2022
 Biology Request Reviewed By: JASROTIA_P On: 12-JAN-2022
 Sampling Kit Required: YES Ship on: 21-JAN-2022
 Sampling Kit Shipped: YES On: 16-JAN-2022
 Sampling Kit Packed By: ROBERTS_Z
 Preservatives Needed: NO
 Date to Receive Samples: 31-JAN-2022
 Logged In By:

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: William Mullen
 Report Notification EMail:
 Nicole.Reistad@FloridaDEP.gov; Kirby.Wolfe@dep.state.fl.us; William.Mullen@FloridaDEP.gov; Monica.Jaeger@FloridaDEP.gov; Thomas.J.Baker@FloridaDEP.gov

Comments: Group A: Marine Nutrients, Entero

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-2011) 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
SD-BES-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port
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 Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L