

Kreuch, Brian

From: Kreuch, Brian
Sent: Thursday, March 23, 2023 11:08
To: Bearden, Matthew
Cc: Boman, Leif; Schwartz, Victoria
Subject: RE: RQs: 2023-04-03-15 and 2023-03-20-11

We Received cover sheet for RQ-2023-03-20-11 but no sample info. Will you please send sample submittal form as soon as possible.

Thank You

Brian Kreuch

From: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>
Sent: Wednesday, March 22, 2023 16:26
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Boman, Leif <Leif.Boman@FloridaDEP.gov>; Schwartz, Victoria <Victoria.Schwartz@FloridaDEP.gov>
Subject: RQs: 2023-04-03-15 and 2023-03-20-11

Thanks!



Matthew Bearden

Division of Environmental Assessment and Restoration – Cen ROC
Environmental Consultant – Team Lead
DEAR Boating Safety Officer
Florida Department of Environmental Protection
Matthew.Bearden@dep.state.fl.us
Office: 407-897-4123
Cell: 813-625-2297
<https://floridadep.gov/dear/water-quality-assessment>

Login Checklist

RQ- 2023-03-20-11

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 03/23/23 @ 0929

*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	
15				2		x			885947333668

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/ Field Sheet(s) Included?

Yes _____ No X

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: BKK

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: BKK

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

Yes _____ No _____ NA X Init: BKK

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

Coolers Unpacked/Checked by: BKK

Date: 03/23/23

Event contains NCRs (Y/N)? N

EventID: Run 19
CEN-DIST-2023-03-23-02 (SMP)

— Date Received: 23-MAR-2023 09:29

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #3 Exp:10/17/2023
pH Test Strips 0 – 6	Lot#223819AV Exp:8/30/23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 Exp:4/15/23
Chlorine Test Strips	Lot#0129 Exp:3/23

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: 3/22/2023 **Collected By:** Matt Bearden, Leif Boman
Customer: CEN-DIST **Sampling Agency:** FDEP
RQ: RQ-2023-03-20-11 **Project ID:** SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

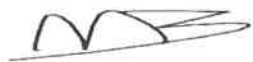
Number of Coolers Shipped: 1

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
Sweetwater Creek @ Artesia St	 G2CE0287

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 3/22/2023
1600EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: Brian Krewen Rec'd/Inspected Date:

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION****STRATEGIC MONITORING PLAN Field Sheet**

July 2022

Meter
Passed End
of Day CCV
☒ Yes / ☐ No

WIN Station Name:	Sweetwater Creek @ Artesia St				Sample Date:	3/22/2023		
WIN / Field ID:	G2CE0287	ORG ID:	21FLCEN	ENR:	-		Latitude:	28.68491
County:	SEMINOLE	WBID:	2996	STREAM			Longitude:	-81.20729
Receiving Body of Water:	Lake Jesup				RQ-	2023-03-20-11		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Matt Bearden	x		x		
Leif Boman		x		x	x

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	Pole	
	Syringe Lot#	Filter Lot#	
	Secchi Equipment ID:	Knothead	
Collection Method			
x	Wading	Canoe/Kayak	
	From Shore	Electric Motor	
		Gasoline Motor	
Depth Measured With		Meter	

Water Level:	Normal
Flow:	Flowing
Matrix:	Fresh
Tide Stage:	
High Tide:	
Low Tide:	
Photos:	No
Meter ID:	Craw Daddy
Depth Gauge ID:	depth_gauge

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (°C)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT)
EST	1133	0.2	0.1	8.05	85.7	18.4	7.27	0.2	479.4	0.23
								VOB (s)		

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID Entered Into The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation			
				Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli			ICE			
Chlorophyll							
Physical/Aggregate Nutrients							
Filtered Nutrients						Syringe Lot#; Filter Lot#:	
Acid Preserved Nutrients							
Metals	W-ICPMS	W-ICP	W-HARD	ICE	HNO3**	NA2126030	06/02/2023
Organics (LC)							HNO3 pH<2
Macroinvertebrates							
Organics (GC)							
Molecular							
Periphyton							
Phytoplankton							
BOD							
DOC							
Other(s)							
Field Comments:							
Comments on COC:							
Relinquish Date:	03/22/2023	Signature:					

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: Q3 Station ID, Field Parameters In LIMS DMT:

Save Field Sheets on Network: Migrate Data to WIN:

Date of Request: 14-FEB-2023
 Created By: BEARDEN_M On: 14-FEB-2023
 Modified By: JASROTIA_P On: 28-FEB-2023
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Event Description: Run 19

Send Coolers To:

Phone: 407-897-4123
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Matthew Bearden
 Cooler Ship EMail: matthew.bearden@floridadep.gov

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 28-FEB-2023
 Biology Request Reviewed By: JASROTIA_P On: 28-FEB-2023
 Sampling Kit Required: YES Ship on: 06-MAR-2023
 Sampling Kit Shipped: YES On: 28-FEB-2023
 Sampling Kit Packed By: PENDLETO_C
 Preservatives Needed: NO
 Date to Receive Samples: 21-MAR-2023
 Logged In By: LEBRUN_T On: 21-MAR-2023

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Matthew Bearden
 Report Notification EMail:
 matthew.bearden@floridadep.gov;jessie.atchison@floridadep.gov

Comments:**Bottle Group A (Water) With 2 Samples:**

Bottle Type: P-250ML-WO-THI	Number of Bottles: 2	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 2	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		

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: HNO3
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

Lead
Manganese
Molybdenum
Nickel
Selenium
Silver
Thallium

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-250ML-WO-THI Number of Bottles: 1 Preserved With: ICE
ECOLI-18QT Template: DEFAULT (SM 9223 B Quanti-Tray) Escherichia coli by Collert 18 Quanti-Tray method - non-chlorinated water systems