

Klug, Kyle

From: Bearden, Matthew
Sent: Tuesday, November 15, 2022 11:36
To: Klug, Kyle; Riordan, Terry
Cc: Warren, Kalina; Schwartz, Victoria
Subject: RE: RE: RQ-2022-11-07-15 and RQ-2022-10-31-37 (HABCE0082; Sawgrass Lake - from CWC dock)
Attachments: 2022-10-31-37_HABCE0082_SawgrassLake_11142022.pdf

Hey Kyle.

Please see attached.

Thanks!

Matthew Bearden
Cen ROC

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Tuesday, November 15, 2022 10:52 AM
To: Riordan, Terry <Terry.Riordan@FloridaDEP.gov>
Cc: Warren, Kalina <Kalina.Warren@dep.state.fl.us>; Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>; Schwartz, Victoria <Victoria.Schwartz@FloridaDEP.gov>
Subject: RE: RE: RQ-2022-11-07-15 and RQ-2022-10-31-37 (HABCE0082; Sawgrass Lake - from CWC dock)
Importance: High

Terry,

We did not receive any paperwork for RQ-2022-10-31-37, will you please send that as soon as possible?

Thank you,
Kyle

From: Riordan, Terry <Terry.Riordan@FloridaDEP.gov>
Sent: Monday, November 14, 2022 14:58
To: Lab.Receiving <Lab.Receiving@floridadep.gov>; Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Whiting, David D. <David.D.Whiting@dep.state.fl.us>; Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>
Cc: Warren, Kalina <Kalina.Warren@dep.state.fl.us>; Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>; Schwartz, Victoria <Victoria.Schwartz@FloridaDEP.gov>
Subject: RE: RQ-2022-11-07-15 and RQ-2022-10-31-37 (HABCE0082; Sawgrass Lake - from CWC dock)

The following were sent via FedEx today:

RQ-2022-11-07-15, 2 coolers, CEROC DI Source Blank samples.

RQ-2022-10-31-37, 1 cooler, HABCE0082_Sawgrass Lake samples.

Please let me know if you have any questions.

Thanks,



Terry Riordan

Florida Department of Environmental Protection
Division of Environmental Assessment and Restoration
Water Quality and Assessment Program
Central Regional Operation Center
Environmental Consultant
Email: Terry.Riordan@FloridaDEP.gov
Office: 407-897-2959

Login Checklist

RQ- 2022-10-31-37

Login Station ID: 03

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 11/5/22 @ 0924

*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	
1.1				5		X			58594729 S310

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 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: BW

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: BW

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

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

Coolers Unpacked/Checked by: BW

Date: 11/5/22

Event contains NCRs(Y/N)? Y

EventID: WQAP-2022-11-15-02

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 02/2023

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# _____



Cyanobacteria Bloom Response Field Data Sheet (2022-08-15 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

RQ - 2022-10-31-37		Collected By:		Terry Riordan						
Customer:	WQAP	Field Report Prepared By:		Terry Riordan						
Project ID:	BLOOM_RESP	Sampling Agency:		CEROC						
Location: Sawgrass Lake - from CWC dock			Comments: High 70s, partly cloudy, slight breeze							
Field ID: HABCE0082_SawgrassLake			Coordinates: 28.43362, -81.68918							
WIN Secondary Resource Type: Lake			Collection Equip: WaterBottle							
WIN ID:			High Tide Time:		Low Tide Time:					
Matrix:	Fresh	Grab	Tide: ☐ Rising ☐ Falling ☐ Slack ☒ N/A							
Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPTH)
11/14/2022	11:06	77.8	6.64	23.2	6.63	0.3	2.9	1	106.8	0.05
	23:10	74.1	6.39	22.7	6.62	2.4			106.6	0.05
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Clarity		☐ Clear		☒ Slightly Turbid		☐ Turbid		☐ Opaque		
Bloom Color		☒ Green		☐ Red		☐ Brown		☐ Other:		
Algae Type		☒ Planktonic		☐ Filamentous		☐ Other:				
Algae Accumulation		☐ Mat		☒ Specks		☐ Scum		☐ Glob		
Algae Distribution		☐ Surface-Entire		☐ Surf-Localized		☐ Surf-Windblown		☒ Suspended ☐ Benthic ☐ Epiphytic		
Parameter Suite		Parameter Methods		Preservation		pH Check		#Bottles Sent to Lab		Bottle Group
Algal ID (PT-50mL)		☐ ALGAL-ID		☐ Ice						
Bloom ID (PT-50mL)		☒ BLOOM-ID		☒ Ice				1		A
Chlorophyll (BP-1L)		☒ CHLSUITE-W		☒ Ice				1		B
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN		☒ Ice				1		B
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4		☒ <2		1		B
		SA2229010		08/30/23						
Acid Lot:				Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice		1		B
		Filter Lot # 17413308								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C		☐ Ice		☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Terry Riordan		11/14/2022 16:00		1		BKK		11-15-22 0924		

Date of Request: 17-OCT-2022
 Created By: BOMAN_L On: 17-OCT-2022
 Modified By: JASROTIA_P On: 18-OCT-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: Central
 Event Description: Algal Bloom Response - CEROC

Send Coolers To:

Phone: 407-897-4181
 3319 Maguire Blvd Ste 232

 Orlando, FL 32803
 Attn: Leif Boman
 Cooler Ship EMail: Leif.Boman@FloridaDep.gov

Priority: 1
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 18-OCT-2022
 Biology Request Reviewed By: JASROTIA_P On: 18-OCT-2022
 Sampling Kit Required: YES Ship on: 24-OCT-2022
 Sampling Kit Shipped: YES On: 25-OCT-2022
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 31-OCT-2022
 Logged In By:

Send Final Report To:

3319 Maguire Blvd. Suite 232

 Orlando, FL 32803
 Attn: Matt Bearden
 Report Notification EMail: Matthew.Bearden@FloridaDEP.gov

Comments: Unless peak algal bloom season, may analyze toxin after consultation with Biology's Taxonomy Manager.

Bottle Group A - Priority 1
 For algal dominant taxon.

Bottle Group B - Priority 1
 For toxin testing, nutrients, chlorophyll, algal full ID

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgement to decide which samples are appropriate to collect for a particular response. All sets of bottles do not have to be filled at one time.

Please print two copies of algal job labels at login

2 boxes of sulfuric and 2 boxes of nitric acid please. Thanks!

Bottle Group A (Biological) With 1 Samples:

Bottle Type: PT-50ML Number of Bottles: 1 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 1 Samples:

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-125ML Number of Bottles: 1 Preserved With: ICE
 W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
 W-SAXTN-MS Template: (EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS

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

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen 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

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