

Givens, Gina

From: Barrington, John
Sent: Thursday, August 18, 2022 10:11 AM
To: Givens, Gina
Cc: Klug, Kyle; Warren, Kalina
Subject: FW: Emailing: 2022-08-09-49_HAB-SD-081722-0905_08172022
Attachments: 2022-08-09-49_HAB-SD-081722-0905_08172022.pdf

Here it is. We sent it yesterday, but I think I see the issue. We recorded it as a 2022 RQ and not 2021. Being a HAB kit it is possible the kit was a hold over from 2021 and we made a mistake. Can you double check the bottle labels and see if it truly was 2021 and if we need to update our feldsheet and Coc?

Thanks,
John

-----Original Message-----

From: Barrington, John
Sent: Wednesday, August 17, 2022 3:03 PM
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Mullen, William <William.Mullen@FloridaDEP.gov>
Subject: Emailing: 2022-08-09-49_HAB-SD-081722-0905_08172022

Your message is ready to be sent with the following file or link attachments:

2022-08-09-49_HAB-SD-081722-0905_08172022

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

RQ- 2021-08-09-49

Login Station ID: #5

Date/Time of Receipt: 08/18/22 9:12

[illegible]

***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#** _____

Yes ☒ No ☒

Yes _____ No _____

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# _____

Yes ☐ No ☒ Init: GG/9

Yes _____ No _____ Init: GG

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

**Acid Preserved Samples: pH < 2.0? Yes ☒ No ☐ NA ☐ Init: GG/90

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

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

Coolers Unpacked/Checked by: GG / gg Date: 08/18 /22 Event contains NCRs (Y/N)? N

Event ID: WQAP-2022-08-18-03

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 Exp: 10/19/22
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	210620 Exp: 4/15/23
Chlorine Test Strips	0070, 02/23

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# _____

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: _____



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

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

RQ - 2022-08-09-49		Collected By:		William Mullen, John Barrington	
Customer: FDEP		Field Report Prepared By:		William Mullen	
Project ID: BLOOM_RESP		Sampling Agency:		SOROC	
Location: Caloosahatchee River - SE 32nd St			Comments:		
Field ID: HAB-SD-081722-0905			Coordinates: 26.59300, -81.93006		
WIN Secondary Resource Type: Canal			Collection Equip: WaterBottle		
WIN ID: HAB-SD-0098			High Tide Time:		Low Tide Time:
Matrix: Marine		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 (PPT)
08/17/2022	09:05	71	5.09	30.3	7.8	0.3	1.4	0.2	14975	8966

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
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B
Preserved Nutrients (500mL HDPE)	SA2145160 Acid Lot: Exp:	06/02/23			
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter	☒ Ice		1	B
	Filter Lot # 17232873				
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols			
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time	
William Mullen	08/17/2022 15:00	1	gg	08/18/22 9:12	

Date of Request: 20-JUL-2021
 Created By: WOLFE_K On: 20-JUL-2021
 Modified By: JASROTIA_P On: 21-JUL-2021
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: SROC
 Event Description: Algal Bloom Response -SOROC

Send Coolers To:

Phone: 850-245-8416
 2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe
 Cooler Ship EMail: kirby.wolfe@dep.state.fl.us

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-JUL-2021
 Biology Request Reviewed By: JASROTIA_P On: 21-JUL-2021
 Sampling Kit Required: YES Ship on: 30-JUL-2021
 Sampling Kit Shipped: YES On: 26-JUL-2021
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: NO
 Date to Receive Samples: 09-AUG-2021
 Logged In By: MCCOY_I On: 14-JUL-2022

Send Final Report To:

2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe
 Report Notification EMail:
 kirby.wolfe@floridadep.gov; kalina.warren@dep.state.fl.us; Cheryl.
 Swanson@dep.state.fl.us; Nicole.Reistad@floridadep.gov; John.B
 arrington@floridadep.gov; Gary.Snorek@dep.state.fl.us

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 toxins, 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

Bottle Group A (Biological) With 2 Samples:

Bottle Type: PT-50ML	Number of Bottles: 2	Preserved With: ICE
BLOOM-ID	Template: DEFAULT	(SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 2 Samples:

Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: BG-250ML-WDMTH	Number of Bottles: 2	Preserved With: ICE
W-MCYST-AA	Template:	(EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 2	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
Bottle Type: P-125ML	Number of Bottles: 2	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.