

Givens, Gina

From: Riordan, Terry
Sent: Tuesday, August 30, 2022 11:58 AM
To: Boman, Leif; Givens, Gina
Cc: Warren, Kalina
Subject: RE: Missing paperwork
Attachments: 2022-07-18-57_FB_08292022_08292022.pdf

Gina,

This what you need?

Thanks,

Terry Riordan

From: Riordan, Terry
Sent: Tuesday, August 30, 2022 11:49 AM
To: Boman, Leif <Leif.Boman@FloridaDEP.gov>; Givens, Gina <Gina.Givens@FloridaDEP.gov>
Cc: Warren, Kalina <Kalina.Warren@dep.state.fl.us>
Subject: RE: Missing paperwork

Thanks, Leif. I looked over at your desk and folders but it doesn't pop up. Did you by chance scan any of it in yesterday?
Thanks,

Terry Riordan

From: Boman, Leif <Leif.Boman@FloridaDEP.gov>
Sent: Tuesday, August 30, 2022 11:47 AM
To: Givens, Gina <Gina.Givens@FloridaDEP.gov>
Cc: Riordan, Terry <Terry.Riordan@FloridaDEP.gov>; Warren, Kalina <Kalina.Warren@dep.state.fl.us>
Subject: Re: Missing paperwork

Does this screenshot help? This is from the HAB + FB yesterday.

11:45 ↗



FL_Algal_Bloom_Site_Vis

▼ **Blank**

Blank Collection Time *



Monday, August 29, 2022



12:25 PM

Blank Bottle Group *

C

On Aug 30, 2022, at 11:44 AM, Boman, Leif <Leif.Boman@floridadep.gov> wrote:

Hi Gina,

Sorry about that. These HAB blanks are new for us. I didn't realize it wasn't showing up on the paperwork that the tablet generates. I can try and figure it out from the field but connectivity is limited.

Leif

On Aug 30, 2022, at 10:58 AM, Warren, Kalina <Kalina.Warren@dep.state.fl.us> wrote:

Since Terry is in office today, he should be able to help you out,
Thank you and sorry for troubles,
Kalina

From: Givens, Gina <Gina.Givens@FloridaDEP.gov>

Sent: Tuesday, August 30, 2022 10:43 AM

To: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>; Boman, Leif <Leif.Boman@FloridaDEP.gov>

Cc: Warren, Kalina <Kalina.Warren@dep.state.fl.us>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>

Subject: Missing paperwork

RQ-2022-07-18-57 looks like its missing some field sheets for the field blanks. Would you mind sending that my way so I can log these samples in? Thanks! 😊



Gina Givens
Lab Technician IV
FDEP Laboratories
Phone: 850.245.8077
Gina.Givens@FloridaDep.gov

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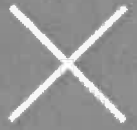
From: Givens, Gina <Gina.Givens@FloridaDEP.gov>
Sent: Tuesday, August 30, 2022 10:43 AM
To: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>; Boman, Leif <Leif.Boman@FloridaDEP.gov>
Cc: Warren, Kalina <Kalina.Warren@dep.state.fl.us>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>
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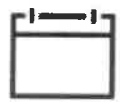
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Monday, August 29, 2022



12:25 PM

Blank Bottle Group *

C

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Cc: Riordan, Terry; Warren, Kalina
Subject: Re: Missing paperwork

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RQ- 2022-0718-57

Login Checklist

Login Station ID: #5Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 08/30/22 9:34

*Cooler Temperature	Samples Frozen? YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
<u>2.6</u>				<u>8</u>		<u>/</u>			<u>S225 5549 4/06</u>

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 /* missing
RB sheet

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: GG/gg

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: GG

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: GG/gg**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: 08/30/22 Event contains NCRs (Y/N)? NEvent ID: WQAP-2022-08-30-04

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 - 2022-07-18-57		Collected By:	Leif Boman							
Customer:	WQAP	Field Report Prepared By:	Leif Boman							
Project ID:	BLOOM_RESP	Sampling Agency:	CEROC							
Location: Lake Estelle - Dorchester and Mills		Comments: Overcast, breezy								
Field ID: HABCE0135_LakeEstelle2		Coordinates:	28.57692, -81.36356							
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 (PPTth)
08/29/2022	12:29	45.5	3.55	28.3	6.69	0.3	1.1	1.1	253.6	0.12
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	
	Acid Lot: 132275					Exp: 12/07/2022				
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um 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			
Leif Boman	08/29/2022 16:00		1		gg		08/30/22			



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

RQ - 2022-07-18-57			Collected By:			Leif Boman				
Customer: WQAP			Field Report Prepared By:			Leif Boman				
Project ID: BLOOM_RESP			Sampling Agency:			CEROC				
Location: Lake Estelle - Dorchester and Mills					Comments: 08/29/2022 12:25 ET DISource: Lab sink DILocation: Roadside Container ID/Type: Carboy #6 / Carboy					
Field ID: FB_08292022					Coordinates:					
WIN Secondary Resource Type:					Collection Equip:					
WIN ID:					High Tide Time:		Low Tide Time:			
Matrix: Field Blank			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 _h)
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				
Chlorophyll (BP-1L)		☐ CHLSUITE-W				☐ Ice				
Toxins (P-125/BG-250)		☒ W-MCYST-AA		☒ W-SAXTN-MS		☐ OV-TOXN		☒ Ice	1	C
		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP				☐ Ice ☒ H2SO4		☐ <2	1	C
Preserved Nutrients (500mL HDPE)		132275 Acid Lot:				Exp: 12/07/2022				
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um Filter Filter Lot # 1743308		☒ Ice			1	C
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice		☐ Lugols		
Relinquished By:		Date/Time		Number of Coolers Shipped			Received By:		Date/Time	
Leif Boman		08/29/2022 16:00		1			ga		08/30/22	

Date of Request: 01-JUL-2022
 Created By: BOMAN_L On: 01-JUL-2022
 Modified By: JASROTIA_P On: 07-JUL-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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 06-JUL-2022
 Biology Request Reviewed By: JASROTIA_P On: 07-JUL-2022
 Sampling Kit Required: YES Ship on: 12-JUL-2022
 Sampling Kit Shipped: YES On: 11-JUL-2022
 Sampling Kit Packed By: GIVENS_G
 Preservatives Needed: NO
 Date to Receive Samples: 18-JUL-2022
 Logged In By: SHAIK_A On: 16-AUG-2022

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

Bottle Group C - Field Blank

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 8 Samples:

Bottle Type: PT-50ML Number of Bottles: 8 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 8 Samples:

Bottle Type: BP-1L Number of Bottles: 8 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: 8 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: 8 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: 8 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

Bottle Group C (Water) With 1 Samples:

Bottle Type: BG-250ML-WDMTH	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
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.