

Klug, Kyle

From: Rankin, Amelia
Sent: Monday, June 6, 2022 12:08 PM
To: Klug, Kyle
Cc: Ayres, Joshua; Reaves, Shawn D
Subject: FW: RQ-2022-05-30-23

Hi Kyle,

The algal and toxin samples are able to be analyzed. Please log those in. NCR will be needed and results will be qualified as appropriate.

Thank you!
Amelia

From: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Sent: Monday, June 6, 2022 11:51 AM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>; Jasrotia, Puja <Puja.Jasrotia@FloridaDEP.gov>
Subject: Re: RQ-2022-05-30-23

The samples are from Thursday 6/2. If you can run the samples for toxins and algae then that is perfect. I haven't been in the office yet to put them on the dashboard, ill het that by end of day. They were the Wuaberg and Bivens Lake samples in Alachua County, a resampling event. I believe blooms were observed but I don't have access to the field sheets at thus second.

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Monday, June 6, 2022 10:38 AM
To: Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>; Jasrotia, Puja <Puja.Jasrotia@FloridaDEP.gov>
Cc: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Subject: RE: RQ-2022-05-30-23

Hi Brian,

These sample are not on the Bloom Map. From where were the samples collected, and on what date? Were these re-samples or were they in response to public reports? Were blooms observed?

The algal group believe the BLOOM-ID sample will be fine to analyze. The toxins have a 7 day hold time, which they should be within, and their results can be Y-qualified due to being out-of-temp. We will have results for both of these that can be posted.

It seems all of the other analytes (chlorophyll and nutrients) will be out-of-hold time and will not be run.

Amelia

From: Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>
Sent: Monday, June 6, 2022 10:06 AM

To: Jasrotia, Puja <Puja.Jasrotia@FloridaDEP.gov>; Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Cc: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Subject: Fwd: RQ-2022-05-30-23

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From: Swanson, Cheryl
Sent: Monday, June 6, 10:05 AM
Subject: Re: RQ-2022-05-30-23
To: Davis, Brian G.

Copying in Puja and Amelia. Can't remember what site this was so it's tough to say. I'm ok either way, qualify or resample. May be able to salvage the algae but I'll let Amelia's team take a look.

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From: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Sent: Monday, June 6, 2022 9:03:50 AM
To: Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>
Subject: Fw: RQ-2022-05-30-23

Hey Cheryl,

I didn't realize that Dave was put of the office this week when I sent this email below. Are you his stand in for Algae Questions?

TLDR: Alachua County's samples showed up at the Tally lab this morning and is way out of hold time. Should we still have the lab run them or should we scrap it and resample?

From: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Sent: Monday, June 6, 2022 9:01 AM
To: Greg Owen <gowen@alachuacounty.us>; Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>; Whiting, David D. <David.D.Whiting@dep.state.fl.us>
Subject: Re: RQ-2022-05-30-23

Morning Dave,

It looks like there was a curfuffle with FedEx late last week and Alachua County's algal samples did not make it to Tallahassee till this morning, as per the below emails. Would it be any use for us to run the samples or should we just tell the lab to scrap those and schedule for a resample?

From: Greg Owen <gowen@alachuacounty.us>
Sent: Monday, June 6, 2022 8:51 AM
To: Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>; Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Subject: FW: RQ-2022-05-30-23

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.



PLEASE NOTE: Florida has a very broad public records law (F.S.119).

All e-mails to and from County Officials and County Staff are kept as public records. Your e-mail

communications, including your e-mail address, may be disclosed to the public and media at any time.

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Monday, June 6, 2022 8:48 AM
To: Greg Owen <gowen@alachuacounty.us>
Cc: Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>
Subject: RQ-2022-05-30-23
Importance: High

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.
Good morning,

Unfortunately your Bloom Response kit for RQ-2022-05-30-23 was held up by FedEx and did not arrive until this morning. Everything in the cooler will be 'Y' qualified as the cooler clocked in at 13.3 degrees celsius and the short hold samples will be 'Q' qualified as they are expired. Would you still like for us to run any of these samples or would you prefer to resample?

Thank you,
Kyle



Kyle Klug

Environmental Specialist III

Scientific Services Support Program

FDEP Laboratories

Login Checklist

RQ- 2022-05-30-23

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/ 6 /22 @ 8:38

*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	
13.3				10		✓			1278 9013 8858

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# 9413

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: HK

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: HK

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

Yes _____ No _____ NA ☒ Init: HK

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

Coolers Unpacked/Checked by: HK

Date: 6/ 6 /22

Event contains NCRs (Y/N)? ☒

Event ID: Algal Bloom Response- Alachua Co. for
WQAP-2022-06-06-01 (BLOOM-RESP)

Date Received: 06-JUN-2022 08:38

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	Lot#223819 EXP:8-30-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 EXP:3-15-24
Chlorine Test Strips	Lot#0070 EXP:2-23

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: _____

Central Laboratory Submittal Form

Customer: WQAP

Requester: Jeremy M. Parrish

Field Report Prepared By: Gregory Owen

Project ID: BLOOM-RESP

Collected By: Gregory Owen

Sampling Agency: Alachua County Env Protection

Location Lake Wauberg N		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/2/2022 Time 1615		☒ Eastern ☐ Central		Composite end Date NA Time		Bottle Group(s) (See pg 2)	
Field ID L WAUBERG N		Matrix (type, e.g., Salt, Fresh, etc) SW/Fresh		Diss. Oxygen 10.96		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) —		B	
WIN/STORET #		Temp (C) 33.3		pH 10.06		Sample Depth 0.3		Sp. Conductance (umho/cm) 111			
Latitude 29.53442		☒ dd ☐ dms		Longitude -82.30436		☒ dd ☐ dms		Salinity (ppt) —		Comments	
Location BLV441 Rivers Arm @ 441 outlet		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/2/22 Time 1700		☒ Eastern ☐ Central		Composite end Date — Time		Bottle Group(s)	
Field ID BLV441		Matrix (type, e.g., Salt, Fresh, etc) SW/Fresh		Diss. Oxygen 7.59		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L) —		B	
WIN/STORET #		Temp (C) 28.0		pH 9.85		Sample Depth 0.3		Sp. Conductance (umho/cm) 185			
Latitude 29.62163		☐ dd ☐ dms		Longitude -82.34003		☐ dd ☐ dms		Salinity (ppt) —		Comments	
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: KR	Date/Time 6-6-22 / 0838
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Group: A	Bottle Type:	PT-50ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
BLOOM-ID						
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W						
Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
W-MCYST-AA						
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
W-NH3						
W-NO2NO3						
W-S-A-TP						
W-TKN						
Group: B	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
W-PO4-F						

Date of Request: 06-MAY-2022
 Created By: PARRISH_J On: 06-MAY-2022
 Modified By: JASROTIA_P On: 10-MAY-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District:
 Event Description: Algal Bloom Response- Alachua Co. for NEROC

Send Coolers To:

Phone: 352-264-6833
 408 W.University Ave. suite 106

 Gainesville, FL 32601
 Attn: Greg Owen
 Cooler Ship EMail: gowen@alachuacounty.us

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 09-MAY-2022
 Biology Request Reviewed By: JASROTIA_P On: 10-MAY-2022
 Sampling Kit Required: YES Ship on: 12-MAY-2022
 Sampling Kit Shipped: YES On: 11-MAY-2022
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: YES
 Date to Receive Samples: 30-MAY-2022
 Logged In By: KLUG_K On: 20-MAY-2022

Send Final Report To:

8800 Baymeadows Way West

 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Report Notification EMail:
 Jeremy.M.Parrish@dep.state.fl.us;gowen@alachuacounty.us;Amelia.Rankin@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 toxin testing, nutrients, and 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.

Add Sulfuric acid vials for preservative 1 per kit

Bottle Group A (Biological) With 3 Samples:

Bottle Type: PT-50ML Number of Bottles: 3 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 3 Samples:

Bottle Type: BP-1L Number of Bottles: 3 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: 3 Preserved With: ICE
 W-MCYST-AA Template: (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 3 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 3 Samples:

Bottle Type: P-500ML	Number of Bottles: 3	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: 3	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.