

Roberts, Zachary

From: Parrish, Jeremy M.
Sent: Wednesday, March 2, 2022 10:45 AM
To: Greg Owen; Roberts, Zachary
Cc: Klug, Kyle
Subject: RE: RQ-2022-02-28-45 Unscheduled Samples Received

Hi Zach,
Since those -PKD,DTY are no longer needed in the algae kits, you can toss that bottle, at each site.

Greg,
It's a new revision to the kit that that bottle is no longer collected for diatoms, periphyton.

thanks

Jeremy

From: Greg Owen <gowen@alachuacounty.us>
Sent: Wednesday, March 2, 2022 10:36 AM
To: Roberts, Zachary <Zachary.Roberts@FloridaDEP.gov>
Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Parrish, Jeremy M. <Jeremy.M.Parrish@FloridaDEP.gov>
Subject: RE: RQ-2022-02-28-45 Unscheduled Samples Received

EXTERNAL MESSAGE

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

Zachary,

We collected the sample in response to an algal bloom in order to help out the NE ROC. Jeremy Parrish (cc'd) and I were in communication on the sampling. I was under the assumption that both bottle groups A and B were to be filled onsite. I know there is a refresher on the algae sampling which perhaps I'm in need of.

Please let me know if you have any questions or suggestions for the future.

Best,

Greg



Greg Owen
Senior Planner
Environmental Protection Department
408 W. University Ave Suite 106 • Gainesville • FL • 32601
352-264-6800 (office)
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From: Roberts, Zachary <Zachary.Roberts@FloridaDEP.gov>
Sent: Wednesday, March 2, 2022 10:29 AM
To: Greg Owen <gowen@alachuacounty.us>
Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Subject: RQ-2022-02-28-45 Unscheduled Samples Received

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

Hi Greg,

I received RQ-2022-02-28-45 today and you sent three DTY-QN-C PKD-QN-C samples that weren't on the scheduler. The standard procedure is to log these samples into LIMS as a separate event with priority 12, they will be logged in as so.

Let me know if you have any questions or concerns.

Thanks, Zac



ZAC ROBERTS
Laboratory Technician IV
Scientific Services Support Program
FDEP Laboratories
Office: 850-245-8784
Zachary.Roberts@FloridaDEP.gov



Login Checklist

RQ- 2022-02-28-45

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 03/ 2 /22 @ 9:30

*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	
2.6				18 15-72		X			1278 4013 8847

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 ✓ 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 X Init: ZR

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: ZR

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

Yes _____ No _____ NA X Init: ZR

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

Coolers Unpacked/Checked by: ZR

Date: 03/ 2 /22

Event contains NCRs (Y/N)? N

Event ID:

Algal Bloom Response- Alachua Co. for
WQAP-2022-03-02-01 (BLOOM-RESP)
Date Received: 02-MAR-2022 09:30

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:10/19/2022
pH Test Strips 0 – 6	223819AV EXP:08/30/2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	207621 EXP:03/15/2024
Chlorine Test Strips	0070 EXP: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# _____

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: _____

Request Number: RQ-~~2021-05-24-39~~ ²⁰²²⁻⁰²⁻²⁸⁻⁴⁵

Florida Department of Environmental Protection
Central Laboratory Submittal Form

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last revised Jan 25, 2018

Algal Bloom Response- Alachua Co. for NERO

Customer: WQAP

Project ID: BLOOM-RESP

Requester: Jeremy M. Parrish

Collected By:

Field Report Prepared By:

Sampling Agency:

Lindsey Kelly
ACEPD

Location <u>NEWMAN'S LAKE</u>		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>03/01/22</u> Time <u>11:45</u>		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID <u>NEHAB0064</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen —		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L) —		A B	
WIN/STORET # <u>NEHAB0064</u>		Temp (C) —		pH —		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm) —			
Latitude <u>29.6366719</u> ☒ dd ☐ dms		Longitude <u>-82.2024117</u> ☒ dd ☐ dms		Salinity (ppt) —		Comments <u>YSI unavailable</u>					
Location <u>Lake Wauberg</u>		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>03/01/22</u> Time <u>12:40</u>		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID <u>LWAUBERGN</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen —		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L) —		A B	
WIN/STORET # <u>LWAUBERGN</u> ^{GAO} <u>Wauberg</u>		Temp (C) —		pH —		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm) —			
Latitude <u>29.5344606</u> ☒ dd ☐ dms		Longitude <u>-82.3043152</u> ☒ dd ☐ dms		Salinity (ppt) —		Comments <u>YSI unavailable</u>					
Location <u>Orange Lake</u>		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>2/1/2022</u> Time <u>1430</u>		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID <u>McIntosh Bay</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>146%</u> <u>1322</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) —		A B	
WIN/STORET # <u>NEHAB0065</u>		Temp (C) <u>23.7</u>		pH <u>9.87</u>		Sample Depth <u>2</u> ☒ ft ☐ m		Sp. Conductance (umho/cm) <u>107</u>			
Latitude <u>29.6369</u> ☒ dd ☐ dms		Longitude <u>-82.19029</u> ☒ dd ☐ dms		Salinity (ppt) —		Comments <u>PO₄ filtered</u>					
Location <u>Orange Lake</u>		☐ 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 ☐ ft ☐ m		Sp. Conductance (umho/cm)			
Latitude		Longitude		Salinity (ppt)		Comments					

Relinquished By: <u>GAO</u>	Date/Time <u>2/1/2022 1610</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>YR</u>	Date/Time <u>3-2-2022 9:30</u>
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Group: A	Bottle Type:	PT-50ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
BLOOM-ID						
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W						
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	Lugols	Enter Number of Bottles Sent to Lab _____
DTY-QN-C						
PKD-QN-C						
Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
W-MCYST-AA						
Group: B	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
W-PO4-F						

Date of Request: 25-FEB-2022
 Created By: PARRISH_J On: 25-FEB-2022
 Modified By: JASROTIA_P On: 28-FEB-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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 28-FEB-2022
 Biology Request Reviewed By: JASROTIA_P On: 28-FEB-2022
 Sampling Kit Required: YES Ship on: 02-MAR-2022
 Sampling Kit Shipped: YES On: 02-MAR-2022
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: YES
 Date to Receive Samples: 28-FEB-2022
 Logged In By:

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.