

McCoy, Ian

From: Watts, John
Sent: Tuesday, September 1, 2020 9:28 AM
To: Lab.Receiving
Cc: Swanson, Cheryl; Rankin, Amelia
Subject: Re: BLOOM-RESP RQ Comments

Just a reminder this change is for BLOOM-RESP, not for HAB-ROUTNE.

John Watts
FDEP Laboratory
Scientific Services Support
850-245-8077 voice

Outlook Webmail

From: Watts, John <John.Watts@FloridaDEP.gov>
Sent: Monday, August 31, 2020 2:37 PM
To: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>; Hogue, Alicia <Alicia.Hogue@FloridaDEP.gov>; Warren, Kalina <Kalina.Warren@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>; Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>
Subject: BLOOM-RESP RQ Comments

Kalina/Alicia/Curtis:

Cheryl and I will bring this up as an update at the beginning of todays teleconference. Its a bit off topic but would be helpful to get this to schedulers ASAP. Please distribute to necessary staff.

Please have schedulers edit the bottle groups to move the phytoplankton tests INTO bottle group B. And update the comments to the below. Make sure the RQs are tagged as **Priority 1** (some are still tagged as Priority 3).

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

Bottle Group A - algal dominant taxon

Bottle Group B - 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.

John Watts
FDEP Laboratory
Scientific Services Support

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RQ-2020-08-31-57

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/14/2020 9:20

*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				6		✓			127840131018

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 °C (above 10.0 °C 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 ☒

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: IM

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: IM

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

Yes ☐ No ☐ NA ☒ Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 10/14/2020

Event contains NCRs (Y/N)? ☒Event ID: Algal Bloom Response - SE ROC
WQAP-2020-10-14-01 (BLOOM-RESP)

Page 1 of 2, 06/ Date Received: 14-OCT-2020 09:20

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #2 exp:11/5/20
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	231019 exp: 11/1/22
Chlorine Test Strips	8261 exp: 07/2021

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-2020-08-31-57

Algal Bloom Response - SE ROC

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 2

last revised Jan 25, 2018

Customer: WQAP

Requester: Jordan Skaggs

Field Report Prepared By:

Drew Liddick

Project ID: BLOOM-RESP

Collected By:

Drew Liddick Alexander Miranda

Sampling Agency:

21FLWSPB

Location 580-10132020		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/13/2020 Time 1020		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID 580-10132020		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 3.31		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A, B	
WIN/STORET # 7		Temp (C) 28.9		pH 7.14		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 559	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.27		Comments HAB Response					
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		☐ ft ☐ m		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		☐ ft ☐ m		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		☐ ft ☐ m		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		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments					

Relinquished By: FDEP	Date/Time 10/13/2020 1100	Shipping Method FEDEX	Number of Coolers Shipped: 1	Received By: IM	Date/Time 10/14/20 9:20
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Group: A	Bottle Type:	PT-50ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
BLOOM-ID							
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W							
Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
W-MCYST-AA							
Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
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	1
W-PO4-F							
Group: C	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	Lugols	Enter Number of Bottles Sent to Lab	1
DTY-QN-C							
PKD-QN-C							

Date of Request: 20-AUG-2020
 Created By: SKAGGS_J On: 20-AUG-2020
 Modified By: JASROTIA_P On: 21-AUG-2020
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: SE ROC
 Event Description: Algal Bloom Response - SE ROC

Send Coolers To:

Phone: 772-448-5884
 2199 South Rock Road

 Fort Pierce, FL 34945
 Attn: Jordan Skaggs
 Cooler Ship EMail: jordan.skaggs@floridadep.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-AUG-2020
 Biology Request Reviewed By: JASROTIA_P On: 21-AUG-2020
 Sampling Kit Required: YES Ship on: 26-AUG-2020
 Sampling Kit Shipped: YES On: 24-AUG-2020
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 03-SEP-2020
 Logged In By: REYNOLDS_T On: 13-OCT-2020

Send Final Report To:

2199 South Rock Road

 Fort Pierce, FL 34945
 Attn: Jordan Skaggs
 Report Notification EMail:
 jordan.skaggs@floridadep.gov;drew.liddick@floridadep.gov

Comments:

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

Bottle Groups A/B - separate event, priority 1
 Bottle Group C - separate event, priority 12

Bottle Group A - Priority 1
 For algal dominant taxon.

Bottle Group B - Priority 1
 For toxin testing, nutrients and chlorophyll

Bottle Group C - Priority 12
 For 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 4 Samples:

Bottle Type: PT-50ML	Number of Bottles: 4	Preserved With: ICE
BLOOM-ID	Template: DEFAULT	(SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 4 Samples:

Bottle Type: BP-1L	Number of Bottles: 4	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: 4	Preserved With: ICE
W-MCYST-AA	Template: DEFAULT	(EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 4	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 Group B (Water) With 4 Samples:

Bottle Type: P-125ML Number of Bottles: 4 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 4 Samples:

Bottle Type: BP-1L Number of Bottles: 4 Preserved With: Lugols
DTY-QN-C Template: DEFAULT (SOP-AB05_1) No. of diatom taxa of quantitative phytoplankton sample.
PKD-QN-C Template: DEFAULT (SOP-AB05) No. of wet taxa of quantitative phytoplankton sample.

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