

McCoy, Ian

From: McCoy, Ian
Sent: Thursday, September 17, 2020 10:27 AM
To: Ayres, Joshua; Bowden, Magan; Brown, Virginia P.; Campbell, Lauren; Carbone, Irina; Danyuk, Yuliya; Davila, Samantha X; Dragon, Rachael; Fach, Blanca; Feizi, Sima; Fetgatter, Jessica; Gruver, Madeline; Jasrotia, Puja; Jones, Naasson; Klug, Kyle; Lees, Lauren; Lorenzo-Perez, Isaura; McCoy, Ian; Menz, Sarah; Mihalic, Jennifer; Morse, Jessica; Nordmann, Benjamin; Power, Diane; Rankin, Amelia; Reaves, Shawn D; Reynolds, Tyler; Shaik, Amzad; Sherman, Jessica R; SotoLongoLopez, Mailin; Steinbock, Bettina; Storbeck, Julia; Swanson, Cheryl; Ta, Yen; Tull, Carina; Watts, John
Subject: 15 Coolers/FedEx/10:25

More coolers due to arrive

Expiring/Expired samples very likely

Ian McCoy
Laboratory Technician IV
850-245-8062
Florida Department of Environmental Protection

McCoy, Ian

From: McCoy, Ian
Sent: Thursday, September 17, 2020 11:15 AM
To: natalie.ayala@dep.state.fl.us
Cc: Ayres, Joshua (Joshua.Ayres@dep.state.fl.us)
Subject: RE: Expired/Out of Temp Event

Another one, RQ-2020-03-30-15 arrived out of temp with a PO4 and Nutrients out of temp and the PO4 was out of hold time. Going to log in since there are tests that are still good and the data will be qualified.

Let me know if you have any questions.

From: McCoy, Ian
Sent: Thursday, September 17, 2020 11:08 AM
To: natalie.ayala@dep.state.fl.us
Cc: Ayres, Joshua (Joshua.Ayres@dep.state.fl.us) <Joshua.Ayres@dep.state.fl.us>
Subject: Expired/Out of Temp Event

Good morning, I received RQ-2020-09-14-36 today consisting of 12 Micro Bottles that are not going to be logged in due to being out of temp and out of hold time.

Let me know if you have any questions.

Ian McCoy
Laboratory Technician IV
850-245-8062
Florida Department of Environmental Protection

RQ-2020-03-30-15

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 9/17/2020 10:25

*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	
10.8				6		✓			4751 8 781 690

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# 8429
- 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# 8428

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: 9/17/2020

Event contains NCRs (Y/N)? Y

Event ID: Algal Bloom Response - CEROC
 WQAP-2020-09-17-01 (BLOOM-RESP)
 Date Received: 17-SEP-2020 10:25

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: _____

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Algal Bloom Response - CEROC

last revised Jan 25, 2018

Customer: WQAP

Requester: Natalie Ayala

Field Report Prepared By: Natalie Ayala

Project ID: BLOOM-RESP

Collected By: Leif Boman / Victoria SchwartzSampling Agency: FDEP - CEROC

Location	Field ID -----> HABCE0042_IRLCanal		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
Field ID	WIN -----> HABCE0042		☒ Grab	Date	09/14/2020	Time	1458	Central	
WIN/ST	Location: Indian River Canal @ Aruba Ct		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L	Total Res. Chlorine	A/B/C
			Marine		12.14		☐ % sat	(mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Temp (C)	30.8	pH	8.39	Sample Depth	0.3
	☐ dms		☐ dms	Salinity (ppt)	18.29	Comments			
Location			☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID			☐ Grab	Date		Time		Central	
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L	Total Res. Chlorine	
							☐ % sat	(mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Temp (C)		pH		Sample Depth	
	☐ dms		☐ dms	Salinity (ppt)		Comments			
Location			☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID			☐ Grab	Date		Time		Central	
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L	Total Res. Chlorine	
							☐ % sat	(mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Temp (C)		pH		Sample Depth	
	☐ dms		☐ dms	Salinity (ppt)		Comments			
Location			☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID			☐ Grab	Date		Time		Central	
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L	Total Res. Chlorine	
							☐ % sat	(mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Temp (C)		pH		Sample Depth	
	☐ dms		☐ dms	Salinity (ppt)		Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>[Signature]</u>	09/14/2020 1730	Fed Ex	1	IM	9/17/20 10:25

1 CHL @ 10:41
 9/17/2020

Group: A	Bottle Type:	PT-50ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
BLOOM-ID							
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W							
Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
W-MCYST-AA							
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
W-PO4-F							
Group: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	Lugols	Enter Number of Bottles Sent to Lab	1
DTY-QN-C							
PKD-QN-C							

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 today's teleconference. It's 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

Date of Request: 06-MAR-2020
 Created By: AYALA_N On: 06-MAR-2020
 Modified By: JASROTIA_P On: 10-MAR-2020
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: Central
 Event Description: Algal Bloom Response - CEROC

Send Coolers To:

Phone: 407-897-4178
 3319 Maguire Blvd Ste 232

 Orlando, FL 32803
 Attn: Natalie Ayala
 Cooler Ship EMail: natalie.ayala@FloridaDep.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-MAR-2020
 Biology Request Reviewed By: JASROTIA_P On: 10-MAR-2020
 Sampling Kit Required: YES Ship on: 20-MAR-2020
 Sampling Kit Shipped: YES On: 18-MAR-2020
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: NO
 Date to Receive Samples: 30-MAR-2020
 Logged In By: MCCOY_I On: 17-SEP-2020

Send Final Report To:

3319 Maguire Blvd Ste 232

 Orlando, FL 32803
 Attn: Natalie Ayala
 Report Notification EMail: Natalie.Ayala@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 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: DEFAULT (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 Group B (Water) With 2 Samples:

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

Bottle Group C (Water) With 2 Samples:

Bottle Type: BP-1L Number of Bottles: 2 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.