

RQ-2020-08-31-53

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	
3.1				6		☒			9117 6381 4460

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 ☒

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)? ☒

Event ID:

Algal Bloom Response - CEROC
 WQAP-2020-09-17-04 (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: _____

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
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850-245-8077 voice

Outlook Webmail



Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

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

RQ - 2020 - 08-31-53		Collected By: Mike Drennan (OCEPD-FLORAW)								
Customer: WQAP	Field Report Prepared By: Mike Drennan									
Project ID: BLOOM-RESP	Sampling Agency: 21FLCEN - CEROC									
Location: Lake Conway @ West Shore		Comments: No apparent bloom observed, only periphytic algae on macrophytes (submerged)								
Field ID: HABCE0047_LakeConway		Coordinates: 28.4714, -81.3604								
HAB-CON1-091620 kwm		Collection Equip: Water Bottle								
WIN ID: HAB-CON1-091620		High Tide Time: _____ Low Tide Time: _____								
Matrix: Aqueous	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)
9/16/20	1345	117.1	8.8	30.2	7.6	0.3	3.3	2.0	214	—
Bloom Observations										
Algal Bloom Observed? ☐ Yes ☒ No										
Water Surface	☒ Clear	☐ Scum	☐ Globs	☐ Slick						
Water Clarity	☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque						
Bloom Color	☐ Green	☐ Red	☐ Brown	☐ Other: _____	☒ N/A					
Algae Distribution	☐ Suspended in water column	☐ On surface	☐ Other: _____	☒ N/A						
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	☐ Other: _____					
Parameter Suite	Parameter Methods		Preservation		pH Check	#Bottles Sent to Lab	Bottle Group			
Bloom ID (PT-50mL)	☒ BLOOM-ID		☒ Ice			1	A			
Chlorophyll (BP-1L)	☒ CHLSUITE-W		☒ Ice			1	B			
Toxins (BG-WD250)	☒ W-MCYST-AA		☒ Ice			1	B			
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice		☒ H2SO4 ☒ <2	1	B			
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice	1	B			
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C		☒ Ice		Lugols? Y (N)	1	C			
Relinquished By: Mike Drennan	Date/Time: 9/16/20 1345	Number of Coolers Shipped: 1		Received By: IM		Date/Time: 9/17/20 10:25				
LIMS EVENT ID: WQAP-2020- WIN Import ID: _____										
Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____										
Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____										

McCoy, Ian

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To: Lab.Receiving
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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>
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John Watts
FDEP Laboratory
Scientific Services Support

Date of Request: 14-AUG-2020
 Created By: AYALA_N On: 14-AUG-2020
 Modified By: JASROTIA_P On: 17-AUG-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: 17-AUG-2020
 Biology Request Reviewed By: JASROTIA_P On: 17-AUG-2020
 Sampling Kit Required: YES Ship on: 21-AUG-2020
 Sampling Kit Shipped: YES On: 20-AUG-2020
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 31-AUG-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

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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.