

RQ-20 22-03-14-19

Login Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 5/20/2022 9:15

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #	
		YES	HNO ₃		Formalin	Present?		*Intact?		
						Yes	No	Yes		No
<u>1.4</u>				<u>10</u>	☒		☒		<u>522555470554</u>	

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: IMDate: 5/20/2022Event contains NCRs (Y/N)? ☒

Event ID: Algal Bloom Response - CEROC
WQAP-2022-05-20-02 (BLOOM-RESP)
 Date Received: 20-MAY-2022 09:15

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #2 exp:10/19/22
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	210620 exp: 4/15/23
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: _____



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

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

RQ - 2022-03-14-19		Collected By: <i>liz Bates</i>	
Customer:	WQAP	Field Report Prepared By:	<i>liz Bates</i>
Project ID:	BLOOM-RESP	Sampling Agency:	21FLCEN
Location:		Comments:	
Field ID: HABCE0125_LakeDot		2 Samples expressed to FWR	
Win ID: HABCE0125		No fish kill observed. 1 dead duck	
Lake Dot - <i>fishing pier</i>		Coordinates:	<i>28.7502734, -81.2865610</i>
		Collection Equip:	<i>pole, syringe, container</i>
WIN ID:		High Tide Time:	Low Tide Time:
Matrix:	<i>Fresh</i>	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 (PPTH)
<i>5/19/22</i>	<i>4:53</i>	<i>32.9</i>	<i>9.93</i>
		<i>30.7</i>	<i>8.71</i>
		<i>0.3</i>	<i>1.1</i>
		<i>0.8</i>	<i>120.3</i>
			<i>0.05</i>
Bloom Observations			
Algal Bloom Observed? ☒ Yes ☐ No			
Water Surface	☒ Clear	☐ Scum	☐ Globbs
Water Clarity	☐ Clear	☒ Slightly Turbid	☐ Turbid
Bloom Color	☒ Green	☐ Red	☒ Brown
Algae Distribution	☒ Suspended in water column	☐ On surface	☐ Other: <i>fishy</i>
Water Odors	☐ Normal	☐ Sewage	☐ Chemical
Parameter Suite	Parameter Methods	Preservation	pH Check
Bloom ID (PT-50mL)	☒ BLOOM-ID	☒ Ice	#Bottles Sent to Lab
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice	
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice	
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ H2SO4	
Preserved Nutrients (500mL HDPE)	Acid Lot: <i>130873</i>	Exp: <i>11/17/22</i>	
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	
	Filter Lot # <i>17413308</i>	☒ Ice	
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:
<i>Bates</i>	<i>5/19/22 6:00</i>	<i>2 (1 to FWR)</i>	<i>LM 5/20/22 9:15</i>

LIMS EVENT ID: WQAP-2022-

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:



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

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

RQ - 2022-03-14-19	Collected By: Liz Bates
Customer: WQAP	Field Report Prepared By: Liz Bates
Project ID: BLOOM-RESP	Sampling Agency: 21FLCEN
Location:	Comments: Some small gyphs heavy rain overnight. Shoreline scum disappeared, still suspended in water, pole, container, syringe

Field ID: HABCE0124_LakeMariam
Win ID: HABCE0124
Lake Mariam - SE Corner

WIN ID:	Coordinates: 28.0129545, -81.6937
Collection Equip: pole, container, syringe	High Tide Time:
Low Tide Time:	
Matrix: Fresh	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)
5/19/22	12:00	110.9	8.32	30.4	7.98	0.33	21.1	0.9	250.9	0.12

Bloom Observations										
Algal Bloom Observed?	☒ Yes	☐ No								
Water Surface	☒ Clear	☐ Scum	☐ Globbs	☐ 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	C
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice	☒ H2SO4	☒ <2	1
Acid Lot: 130873	Exp: 11/17/22				
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		
Relinquished By: Bates	Date/Time: 5/19/22 16:00	Number of Coolers Shipped: 1	Received By: IM	Date/Time: 5/20/22 9:15	

LIMS EVENT ID: WQAP-2022-

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

Date of Request: 08-FEB-2022
 Created By: BOMAN_L On: 08-FEB-2022
 Modified By: JASROTIA_P On: 22-FEB-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: Central
 Event Description: Algal Bloom Response - CEROC

Send Coolers To:

Phone: 407-897-4181
 3319 Maguire Blvd Ste 232

 Orlando, FL 32803
 Attn: Leif Boman
 Cooler Ship Email: Leif.Boman@FloridaDep.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 22-FEB-2022
 Biology Request Reviewed By: JASROTIA_P On: 22-FEB-2022
 Sampling Kit Required: YES Ship on: 04-MAR-2022
 Sampling Kit Shipped: YES On: 01-MAR-2022
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 14-MAR-2022
 Logged In By: SHAIK_A On: 12-MAY-2022

Send Final Report To:

3319 Maguire Blvd. Suite 232

 Orlando, FL 32803
 Attn: Matt Bearden
 Report Notification Email: Matthew.Bearden@FloridaDEP.gov

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, 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

Bottle Group A (Biological) With 6 Samples:

Bottle Type: PT-50ML Number of Bottles: 6 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 6 Samples:

Bottle Type: BP-1L Number of Bottles: 6 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: 6 Preserved With: ICE
 W-MCYST-AA Template: (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 6 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 Type: P-125ML Number of Bottles: 6 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