RQ- ~~2021~~ 2020-12-21-35

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 1/13/2021 12:05

*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				12	✓				929380090453

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:** 1/13/2021 **Event contains NCRs (Y/N)?** N

Event ID: Algal Bloom Response - CEROC
WQAP-2021-01-13-01 (BLOOM-RESP)
Date Received: 13-JAN-2021 12:05

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	IR TEMP GUN #2 exp:10/28/21
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	231019 exp: 11/1/22
Chlorine Test Strips	0129 exp: 03/2023

Additional Comments:

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: _____

Effective Date: 12/12/2019
Revision Date: 12/16/2019
Revision Author: C. Swenson

AB-FIELD-1.0

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

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

RQ - 2020 - 12-21-35

Collected By: Katie March, Elizabeth Bates

Customer: WQAP

Field Report Prepared By: Elizabeth Bates

Project ID: BLOOM-RESP

Sampling Agency: 21FLCEN - CEROC

Location:

Field ID: HABCE00057_LakeRowena
Win ID: HABCE0057
Lake Rowena near NE corner

Comments: small globs suspended

Coordinates: 28.57242, -81.358247

Collection Equip: container, syringe

WIN ID:

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 (PPTh)
1/12/21	12:51	86.6	8.31	17.3	7.65	0.300	4.5	2.3	227.6	0.11
1/12/21	12:55	86.3	8.33	17.1	7.52	3.988	4.5	2.3	227.1	0.11

Bloom Observations

Algal Bloom Observed? ☑ Yes ☐ No

Water Surface	☑ Clear	☐ Scum	☐ Globs	☐ Slick	
Water Clarity	☐ Clear	☑ Slightly Turbid	☒ Turbid (AB)	☐ 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
	☑ W NH3 / W NO2NO3 / W-TKN / W S A TP	☐ Ice ☑ H2SO4	☑ <2	1	B
Preserved Nutrients (500mL HDPE)	Acid Lot: SA0293040 Exp: 10/19/21				
Filtered Nutrients (P125mL)	☑ W-PO4 F ☑ Field Filtered 0.45um Filter Filter Lot # 9149785	☑ Ice		1	B
Quantitative Algae	☑ DTY QN C / PKD QN C	☑ Ice	Lugols? Y / N	1	B

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By	Date/Time
E. Bates	1/12/21 16:00	1		

LIMS EVENT ID: WQAP-2020 WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: (Initials/Date) 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)

Effective Date 12/17/2019
Revision Date 12/16/2019
Revision Author C Swanson

AB FIELD-10

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

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

RQ - 2020 - 12-21-35		Collected By:	Katie March, Elizabeth Bates
Customer:	WQAP	Field Report Prepared By:	Elizabeth Bates
Project ID:	BLOOM-RESP	Sampling Agency:	21FLCEN - CEROC

Location:

Field ID: HABCE00058_LakeEstelle
Win ID: HABCE0058
Lake Estelle near OMA

Comments: Small globs suspended

Coordinates: 28.57377, -81.36517

Collection Equip: Sample container, syringe

WIN ID:

High Tide Time: N/A Low Tide Time: N/A

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 (PPTh)
1/12/21	12:08	106.4	10.24	17.1	8.11	0.331	2.0	1.2	258.6	0.12
1/12/21	12:10	102.0	9.84	17.1	8.04	1.515	2.0	1.2	259.1	0.12

Bloom Observations

Algal Bloom Observed? ☒ Yes ☐ No

Water Surface	☒ Clear	☐ Scum	☐ Globs	☐ Slick	
Water Clarity	☐ Clear	☐ Slightly Turbid	☒ Turbid (AB)	☐ 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
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☐ H2SO4	☐ <2	1	B
Preserved Nutrients (500mL HDPE)	Acid Lot: SA0293040	Exp: 10/19/21			
Filtered Nutrients (P125mL)	☒ W-PO4-F; ☒ Field Filtered 0.45um Filter; Filter Lot #: 9149785	☒ Ice		1	B
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice	Lugols? Y / N	1	B

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
E. Bates	1/12/21 16:00	1		

LIMS EVENT ID: WQAP-2020- WIN Import ID: _____

Enter Field Parameters, Verify Station ID in LIMS DMT: _____ (Initials/Date) 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)

RQ-2020-12-21-35

Date of Request:	15-DEC-2020
Created By:	BOMAN_L On: 15-DEC-2020
Modified By:	JASROTIA_P On: 17-DEC-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:	3
Event Status:	R
Criminal Investigation:	NO
Chemistry Request Reviewed By:	WATTS_J On: 16-DEC-2020
Biology Request Reviewed By:	JASROTIA_P On: 17-DEC-2020
Sampling Kit Required:	YES Ship on: 22-DEC-2020
Sampling Kit Shipped:	YES On: 23-DEC-2020
Sampling Kit Packed By:	KLUG_K
Preservatives Needed:	YES
Date to Receive Samples:	21-DEC-2020
Logged In By:	REYNOLDS_T On: 08-JAN-2021

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 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

Sulfuric and Nitric acid please.

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 8 Samples:

Bottle Type: BP-1L Number of Bottles: 8 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: BP-1L Number of Bottles: 8 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.

Bottle Type: BG-250ML-WDMTH Number of Bottles: 8 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: 8 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: 8 Preserved With: FILTER-ICE

Bottle Group B (Water) With 8 Samples:

Bottle Type: P-125ML Number of Bottles: 8 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.