Login Checklist

RQ- 2021 - 06 - 07 - 22 Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 06-07-2021 / 09:30

*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	
19.3c				10		X			9293 8013 8782

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#** 8876

Chain of Custody/ Field Sheet(s) Included? Yes X No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes _____ No X

CONTAINER CHECK

Evidence Tape on Bottles? Yes ____ No ____ NA X Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken? Yes ____ No ____ Containers intact? Yes X No _____

Caps on tight? Yes X No ____

Sufficient Sample Volume: Yes X 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 x Init: ABS /

Chlorine detected? *(One container checked per Field ID)* Yes_____ No _____ Init: ABS /

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 X No_____ NA _____ Init: ABS /

**W-1-4-DIOX *(Green dot on container)* preserved to pH<4.0? Yes_____ No_____ NA X Init: ABS /

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

Coolers Unpacked/Checked by: ABS / **Date:** 06-07-2021 **Event contains NCRs (Y/N)?** Y

Event ID: WQAP - 2021 - 06 - 07 - 01

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	IRTG # 3 EXP:10/28/2021
pH Test Strips 0 – 6	Lot # 232518V EXP:NOV 30 2021
pH Paper 0 – 3	N/A
pH Paper 0 – 13	Lot # 231019 EXP:NOV 1 2022
Chlorine Test Strips	0261 2023 / 05

Additional Comments:

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes_____ Init: ABS

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: _____

Shaik, Amzad

From: Shaik, Amzad
Sent: Monday, June 7, 2021 09:39
To: Boman, Leif; Bates, Elizabeth; Bearden, Matthew; Faria, Francisco
Cc: Watts, John; Ayres, Joshua
Subject: RQ-2021-06-07-22 & RQ-2021-05-03-14 LATE SAMPLES

Samples received for above RQ's , TEMPERATURE 19.3C & 19.6C.
Amelia Rankin wants to analyze the BLOOM-ID samples and qualify the data.(RQ-2021-06-07-22).
Please reply for W-MCYST-AA analyses samples analyze and qualify the Data?

Amzad Shaik
Florida DEP Labs
Scientific Support Section
Office:850-245-8081
Direct:58081

YOIK

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

AB-FIELD-1.0

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

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

RQ - 2021 - 06-07-22		Collected By:	Drabeth Bates, Victoria Schwartz
Customer:	WQAP	Field Report Prepared By:	Vict Drabeth Bates
Project ID:	BLOOM-RESP	Sampling Agency:	21FLCEN - CEROC

Field ID: HABCE0078_Lake Haines
Win ID: HABCE0078
Lake Haines - Four Lakes dock

Comments: no visible bloom, some suspended in column. follow up visit. resident described it being very green a few months ago

		Coordinates:	28.0894499, -81.7024892
		Collection Equip:	Sample containers, syringe, pole
WIN ID:	HABCE0078	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)
6/3/21	11:50	89.2	6.93	28.4	9.11	0.3	1.6	0.8	170.6	0.08

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
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B
Preserved Nutrients (500mL HDPE)	Acid Lot: H2SO4 LOT# SA1105060 EXP: 04/30/2022	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45um Filter Filter Lot # ~~9149785~~ 17135566 ☒ Ice		1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
Bates	6/3/21 16:00	1	[illegible]	06-07-21 9:35

LIMS EVENT ID: WQAP-2021- 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

Polk

AB-FIELD-1.0

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

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

RQ - 2021 - 06-07-22		Collected By:	Elizabeth Bates, Victoria Schwat
Customer:	WQAP	Field Report Prepared By:	Elizabeth Bates
Project ID:	BLOOM-RESP	Sampling Agency:	21FLCEN - CEROC

Field ID: HABCE0043_LakeOtis
Win ID: HABCE0043
Lake Otis @ boat ramp

Comments: No visible bloom, follow up visit

Coordinates:	28.0097651, -81.7105412
Collection Equip:	Sample containers, syringe
WIN ID: HABCE0043	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)
6/3/21	11:10	91.8	7.12	28.5	7.66	0.3	1.5	1.1	199.1	0.09

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
	Acid Lot: H2SO4 LOT# SA1105060 EXP: 04/30/2022	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45um Filter Filter Lot # ~~9149785~~ 17135566 ☒ Ice		1	B
~~Quantitative Algae~~	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
E. Bates	6/3/21 16:00	1	AEJ	06-07-21 9:32

LIMS EVENT ID: WQAP-2021- 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-2021-06-07-22

Date of Request: 23-APR-2021
Created By: BOMAN_L On: 23-APR-2021
Modified By: JASROTIA_P On: 25-MAY-2021
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: Leif Boman
Cooler Ship EMail: Leif.Boman@FloridaDEP.gov

Priority: 1
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 25-MAY-2021
Biology Request Reviewed By: JASROTIA_P On: 25-MAY-2021
Sampling Kit Required: YES Ship on: 28-MAY-2021
Sampling Kit Shipped: YES On: 27-MAY-2021
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 07-JUN-2021
Logged In By: SHAIK_A On: 07-JUN-2021

Send Final Report To:

3319 Maguire Blvd Ste 232

Orlando, FL 32803
Attn: Leif Boman
Report Notification EMail: Leif.Boman@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 toxins, nutrients, chlorophyll

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 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

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