Login Checklist

RQ- 2020 - 01-20-4

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 01-30-2020 / 10:35

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO_3	Formalin		Yes	No	Yes	No	
2-8C				6		✓			1278 4010 7447

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO3 and Formalin preserved samples do NOT have a temperature requirement. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included? Yes X No_____

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

**Note: If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

CONTAINER CHECK

**Evidence Tape on Bottles? Yes_____ No X If yes, is it intact? Yes_____ No_____

**Caps on tight? Yes X No_____ **Containers intact? Yes X No_____

**Sufficient Sample Volume: Yes X No_____

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes_____ No ✓ Init: ABS

Chlorine detected? (One container checked per Field ID) Yes_____ No_____ Init: ABS

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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 X NA____ Init: ABS/

Coolers Unpacked/Checked by: ABS / **Date:** 01-30-2020 **NCRs (Y/N)?** ____

Event ID: Algal Bloom Response - CEROC WQAP-2020-01-30-01 (BLOOM-RESP) **NCR #** _____

Login Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Infrared Thermometer ID:	IR TG#3 EXP:11/05/2020
pH Test Strips 0 – 6 Lot #	2133AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	220416A EXP:07/30/2020
pH Paper 0 – 13 Lot #	208717 EXP:03/31/2020
Chlorine Test Strips Lot #	8261 2021 / 07

Additional Comments:

ENCORE SAMPLES

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

Were Encore samples received? Yes_____ No___x__

Date and *time placed in* freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes_____If No_____

no, were samples shipped on dry ice? Yes_____No_____

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 - 2020 - 01-20-11 | Collected By: Leif Boman, Elizabeth Bates

Customer: FDEP / WQIAP | Field Report Prepared By: Leif Boman

Project ID: BLOOM-RESP | Sampling Agency: 21FLCEN, CENROC

Location: | Comments:

Win ID: HABCE0002
Field ID: HABCE002_LAKE GRACE

Coordinates: 28.550264, -81.51036

Collection Equip: Sample Bottles

WIN ID: | High Tide Time: / | Low Tide Time: /

Matrix: (Fresh) Marine | (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)
1/29/20	13:48	79.8	7.51	18.7 18.2	7.12 7.06	0.3	0.5	0.5 VOB	140.2 137.9	0.07

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	
Preserved Nutrients (500mL HDPE)	Acid Lot: ~~SA903~~ SA9301030	Exp: 10/28/20			
Filtered Nutrients (P125mL)	☑ W-PO4-F	☑ Field Filtered 0.45um Filter, Filter Lot # 16930280 ☑ Ice		1	B
Quantitative Algae	☑ DTY-QN-C / PKD-QN-C	☑ Ice Lugols? Y (N)		1	C

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
Leif Boman	01/29/20 15:30	1		

LIMS EVENT ID: CENT-DIST-2020-

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 _____ Migrate Data to WIN: _____ Verify Data in WIN: _____

Bloom-ID JMM 1/30/20 11:19 ABB 01-30-20 | LW 35
01-30-20 11:30 Juyoung Ch

RQ-2020-01-20-11

Date of Request: 30-DEC-2019
Created By: LINGER_M On: 30-DEC-2019
Modified By: JASROTIA_P On: 08-JAN-2020
Customer: WQAP
Project: BLOOM-RESP
Division: Division of Environmental Assessment and Restoration
District: CEROC
Sampling Event: Algal Bloom Response - CEROC

Send Coolers To:

Phone: 407-897-4180
3319 Maguire Blvd
Suite 232
Orlando, FL 32803
Attn: Mike Linger

Send Final Report To:

3319 Maguire Blvd
Suite 232
Orlando, FL 32806
Attn: Mike Linger

Program Module Number:
Priority: 1
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 08-JAN-2020
Biology Request Reviewed By: JASROTIA_P On: 08-JAN-2020
Sampling Kit Required: YES Ship on: 15-JAN-2020
Sampling Kit Shipped: YES On: 14-JAN-2020
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 20-JAN-2020
Received By: SHAIK_A On: 30-JAN-2020

Report Type: Final Only
FTP Data: NO
QC Report: YES
Date Log: NO
Authorization Log: NO

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.