

Login Checklist

RQ- 2020-10-19-42

Login Station ID: #5

Shipping Method: FEDEX | UPS | HD | Greyhound

Date/Time of Receipt: 10/ 29 /20 @ 9:45

*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	
-0.4				12		✓			9293 8006 7032

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: 1/1/1

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: 1/1/1

**W-1-4-DIOX (Green dot on container) preserved to pH<4.0?

Yes _____ No _____ NA ✓ Init: 1/1/1

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

Coolers Unpacked/Checked by: 1/1/1

Date: 10/ 29 /20

Event contains NCRs (Y/N)? N

Event ID: Algal Bloom Response - CEROC
WQAP-2020-10-29-02 (BLOOM-RESP)

Date Received: 29-OCT-2020 09:45

1 MC Sample
6m
10/29/2020 10:50 AM

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	Temp Gun #5 EXP:11/05/2020
pH Test Strips 0 – 6	5/15/21 LOT#213316BV
pH Paper 0 – 3	
pH Paper 0 – 13	231019 EXP:11/01/2022
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: _____



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

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

RQ - 2020 - 10-19-42		Collected By: Mike Linger (Orange Co.)	
Customer: WQAP	Field Report Prepared By: Mike Linger		
Project ID: BLOOM-RESP	Sampling Agency: 21FLCEN - CEROC		
Location: Lake Roberts - SE corner		Comments:	
Field ID: HABCE0048 - Lake Roberts		Coordinates: 28.5144, -81.5703	
WIN ID: HABCE0048		Collection Equip: Bottle	
Matrix: SW	Grab ☒	High Tide Time: ☒	Low Tide Time: ☒
		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)
10/28/20	1220	65.4	5.2	27.4	6.9	0.3	1.2	0.7	168	

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: 0000186983 (Orange Co. Acid)	Exp: 10/2022			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice	1	B
	Filter Lot #: 9149785				
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C	☒ Ice	Lugols? Y/N	1	B
Relinquished By: Mike Linger	Date/Time: 10/28/20 1700	Number of Coolers Shipped: 1	Received By:	Date/Time:	

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:

10/29/20/0945

Date of Request: 29-SEP-2020
 Created By: BOMAN_L On: 29-SEP-2020
 Modified By: JASROTIA_P On: 05-OCT-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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 02-OCT-2020
 Biology Request Reviewed By: JASROTIA_P On: 05-OCT-2020
 Sampling Kit Required: YES Ship on: 09-OCT-2020
 Sampling Kit Shipped: YES On: 08-OCT-2020
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 19-OCT-2020
 Logged In By:

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

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: 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.

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 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

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

Cooler Packing Worksheet for Request: RQ-2020-10-19-42

Algal Bloom Response - CEROC

Ship Cooler On: 10/9/2020

Customer/Project: WQAP/BLOOM-RESP

Assigned To: KLUG_K

Requester: Leif Boman

Priority: 3

407-897-4178
3319 Maguire Blvd Ste 232

Orlando, FL 32803

Attn: Natalie Ayala

Comments:

No preservatives needed.

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

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: PT-50ML

Qty: 2

Preservation: ICE

Lot #

148190ZZ

Description: Plastic Tube 50 mL

Analysis

BLOOM-ID

Description

Assessment of dominant algal taxa in bloom or mat sample

Bottle Group: B

of Sites: 2

Container ID: BP-1L

Qty: 2

Preservation: ICE

Lot #

1283330

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: BP-1L

Qty: 2 Preservation: Lugols

Lot # 1283330

Description: Brown Plastic Bottle 1L

Analysis

DTY-QN-C

PKD-QN-C

Description

No. of diatom taxa of quantitative phytoplankton sample.

No. of wet taxa of quantitative phytoplankton sample.

Container ID: BG-250ML-WDMTH

Qty: 2 Preservation: ICE

Lot # 00077520

Description: Wide Mouth Amber Glass Bottle 250 ml

Analysis

W-MCYST-AA

Description

Microcystins in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # 00078385

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Container ID: P-125ML

Qty: 2 Preservation: FILTER-ICE

Lot # 00078144

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: HK Number of Coolers: 1 Date: 10.8.20

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☐ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2020-10-19-42