

Login Checklist

RQ-2020-03-09-29

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 09/11/2020 09:50

*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	
1.8°C				6		x			91176381 7161

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: Tyler

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: Tyler

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☐ NA ☒ Init: Tyler

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 09/11/2020 Event contains NCRs (Y/N)? no

Event ID: Algal Bloom Response - CEROC
WQAP-2020-09-11-01 (BLOOM-RESP)

Date Received: 11-SEP-2020 09:50

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:11/05/2020
pH Test Strips 0 – 6	
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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: WQAP

Project ID: BLOOM-RESP

Requester: Michael Linger

Collected By:

Natalia Ayala

Field Report Prepared By:

Katie March

Sampling Agency:

21FLEN

Location	Field ID: HABCE0041_LakeWeir2		☐ Comp ☒ Grab		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	Win ID: HABCE0041		Date	9/10/20	Time	1211	Date	Time
WIN/STC	Lake Weir @ boat ramp		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☒ mg/L	Total Res. Chlorine	A, B, C
Latitude	☐ dd ☐ dms	Longitude	Temp (C)	31.2	pH	7.45	(mg/L)	
			Salinity (ppt)	0.11	Sample Depth	0.303	Sp. Conductance (umho/cm)	
			Comments					

Location			☐ Comp ☐ Grab		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			Date		Time		Date	Time
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L	Total Res. Chlorine	
Latitude	☐ dd ☐ dms	Longitude	Temp (C)		pH	☐ % sat	(mg/L)	
			Salinity (ppt)		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
			Comments					

Location			☐ Comp ☐ Grab		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			Date		Time		Date	Time
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L	Total Res. Chlorine	
Latitude	☐ dd ☐ dms	Longitude	Temp (C)		pH	☐ % sat	(mg/L)	
			Salinity (ppt)		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
			Comments					

Location			☐ Comp ☐ Grab		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			Date		Time		Date	Time
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L	Total Res. Chlorine	
Latitude	☐ dd ☐ dms	Longitude	Temp (C)		pH	☐ % sat	(mg/L)	
			Salinity (ppt)		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
			Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
K March	9/10/20 1600	FedEx	1	Tyler Reynolds	09/11/2020 9:50

Group: A	Bottle Type:	PT-50ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
BLOOM-ID							
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W							
Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
W-MCYST-AA							
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
W-NH3							
W-NO2NO3							
W-S-A-TP							
W-TKN							
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
W-PO4-F							
Group: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	Lugols	Enter Number of Bottles Sent to Lab	1
DTY-QN-C							
PKD-QN-C							

Date of Request: 17-FEB-2020
 Created By: LINGER_M On: 17-FEB-2020
 Modified By: WATTS_J On: 19-FEB-2020
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: CEROC
 Event Description: Algal Bloom Response - CEROC

Send Coolers To:

Phone: 407-897-4180
 3319 Maguire Blvd
 Suite 232
 Orlando, FL 32803
 Attn: Natalie Ayala
 Cooler Ship EMail: natalie.ayala@dep.state.fl.us

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 19-FEB-2020
 Biology Request Reviewed By: JASROTIA_P On: 17-FEB-2020
 Sampling Kit Required: YES Ship on: 28-FEB-2020
 Sampling Kit Shipped: YES On: 26-FEB-2020
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 09-MAR-2020
 Logged In By: REYNOLDS_T On: 11-SEP-2020

Send Final Report To:

3319 Maguire Blvd
 Suite 232
 Orlando, FL 32806
 Attn: Mike Linger
 Report Notification EMail:
 natalie.ayala@dep.state.fl.us; kalina.warren@dep.state.fl.us;

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.