

RQ- 2019- 04-15-42

Log-in Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 04/26/2019 @ 10:00

Cooler Temperature*	Samples Frozen YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
1.2°C				6(5)		X			4751 8779 4451

* HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **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.**

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an 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 ☒ If yes, is it intact? Yes ☐ No ☐
****Caps on tight?** Yes ☒ No ☐ ****Containers intact?** Yes ☒ No ☐
****Sufficient Sample Volume:** Yes ☒ No ☐

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☐ No ☒ Init: Tyler R.

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init: ☐

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

Field ID	List Test ID(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 ☒ No ☐ NA ☐ Init: Tyler R.

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 04/26/2019 NCRs (Y/N)? N

Event ID: Algal Bloom Response - As needed
WQAP-2019-04-26-02 (BLOOM-RESP)
 Date Received: 26-APR-2019 10:00
Federal Express BIOLOGY
 NCR # ☐

Log-in Checklist

50-21-06

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	Action Taken

12NN PTTT 12NN

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

305.1

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	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC_04_2018
pH Test Strips 0 – 6 Lot #	N/A
pH Paper 0 – 13 Lot #	N/A
pH Paper 0 – 13 Lot #	222516EXP:09/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

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: _____

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: **WQAP**

Requester: Michael Linger

Field Report Prepared By: Mike DrennanProject ID: **BLOOM-RESP**Collected By: Leif Boman/Mike DrennanSampling Agency: FDEP-CEROC

Location		Algae Bloom Sampling Kit Lake Dora 4/25/2019 Leif Boman/Mike Drennan RQ-2019-04-15-42		Collection (comp begin or grab) Date <u>4/25/19</u> Time <u>1040</u>		Composite end Date <u>4/25/19</u> Time <u>1040</u>		Bottle Group(s) (See pg 2) <u>A, B, C, D</u>	
☐ Comp ☒ Grab		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>8.44</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Temp (C) <u>25.30</u>		pH <u>8.27</u>		Sample Depth <u>0.3</u>		☐ ft ☒ m		Sp. Conductance (umho/cm) <u>406</u>	
Salinity (ppt) ☐ dd ☐ dms		Comments							
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Salinity (ppt) ☐ dd ☐ dms		Comments							

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				<u>Tyler Reynolds</u>	<u>04/26/19 @ 10:00</u>

Group: A	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
Group: B	Bottle Type: W-MCYST-AA	BG-250ML-WDMT H	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	
					H2SO4 LOT# S98344078 EXP: 12/10/2019		
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: DTY-QN-C PKD-QN-C	BP-1L	# of Bottles: 1	Preservative:	Lugols	Enter Number of Bottles Sent to Lab	

10:01 @ P:\JHP\Biomphala.rsp

Date of Request: 28-MAR-2019
 Created By: LINGER_M On: 28-MAR-2019
 Modified By: JASROTIA_P On: 29-MAR-2019
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: CEROC
 Sampling Event: Algal Bloom Response - As needed

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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 29-MAR-2019
 Biology Request Reviewed By: JASROTIA_P On: 29-MAR-2019
 Sampling Kit Required: YES Ship on: 05-APR-2019
 Sampling Kit Shipped: YES On: 02-APR-2019
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 15-APR-2019
 Received By:

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/C - separate event, priority 1
 Bottle Group D- separate event, priority 12

Bottle Group A - Priority 1
 For algal dominant taxon.

Bottle Group B - Priority 1
 For toxin testing.

Bottle Group C - Priority 1
 Water quality testing - nutrients and chlorophyll

Bottle Group D - 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 1 Samples:

Bottle Type: PT-50ML Number of Bottles: 1 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-250ML-WDMTH Number of Bottles: 1 Preserved With: ICE
 W-MCYST-AA Template: (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Group C (Water) With 1 Samples:

Bottle Type: BP-1L Number of Bottles: 1 Preserved With: ICE
 CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	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: 1	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 D (Water) With 1 Samples:

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