

RQ- 2019 - 07-22-66

Log-in Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 09-24-2019 / 10:20

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? Yes No	*Intact? Yes No			
2.9c				6		X			1190 361 5525

* HNO₃ and Formalin persevered 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.

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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes 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: 09-24-2019 NCRs (Y/N)? —

Event ID: Algal Bloom Response - as needed NCR #
WQAP-2019-09-24-06 (BLOOM-RESP)

Log-in 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 Gap	Damaged Gap		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:	REC 03 2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	220416A EXP:07/30/2020
pH Paper 0 – 13 Lot #	215517 exp:jun 1 2020
Chlorine Test Strips Lot #	8212 2021 / 05

Additional Comments:

ENCORE SAMPLES

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

Were Encores 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

Project ID: BLOOM-RESP

Requester: Cheryl A. Swanson

Collected By: M. Bearden

Field Report Prepared By:

M. Bearden

Sampling Agency:

SW ROC

Location	☒ Comp ☐ Grab		Collection (comp begin or grab)		Eastern	Composite end	Bottle Group(s) (See pg 2)
Field ID	Date 9/23/19		Time 1300		Central	Date	
WIN/S	Site Name: Lake Buffum Bloom Response - Follow up		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.15 ☒ mg/L		Total Res. Chlorine (mg/L)
	Date: 09/23/2019		Fresh		105.5 ☒ % sat		
Latitude	☐ dd ☐ dms		Temp (C) 28.6		pH 5.78		Sp. Conductance (umho/cm) 103.6
Longitude	☐ dd ☐ dms		Salinity (ppt) 0.05		Sample Depth 0.3 ☐ ft ☒ m		
Comments							
A, B, C							

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

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

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

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
M. Bearden	9/23/19 - 1600	Fed Ex	1	[Signature]	9-24-19 1020

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

Date of Request: 16-JUL-2019
 Created By: SWANSON_C On: 16-JUL-2019
 Modified By: WATTS_J On: 17-JUL-2019
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Algal Bloom Response - as needed

Send Coolers To:

Phone: 813-470-5951
 DEP SW ROC
 13051 North Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Matthew Bearden

Program Module Number:

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 17-JUL-2019
 Biology Request Reviewed By: JASROTIA_P On: 16-JUL-2019
 Sampling Kit Required: YES Ship on: 19-JUL-2019
 Sampling Kit Shipped: YES On: 18-JUL-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 22-JUL-2019
 Received By: SHAIK_A On: 24-SEP-2019

Send Final Report To:

2600 Blair Stone Rd
 MS #3560
 Tallahassee, FL 32399-2400
 Attn: Julie Espy

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.

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 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.