

Log-in Checklist

RQ- **2019 - 06 - 10 - 39**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **06-06-2019 / 10:15**

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged way/bills only
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
1.8c				10		x			4751 8777 7232

* 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/ FieldSheet(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 x 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 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: 06-06-2019 NCRs (Y/N)?

Event ID: WQAP-2019-06-06-07 NCR #

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 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

Additional Comments:

Infrared Thermometer ID:	REC 03 2016 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

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: Matthew Bearden

Field Report Prepared By: M. Bearden

Project ID: BLOOM-RESP

Collected By: M. Bearden

Sampling Agency: SWROC

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/5/19 Time 12:15		☒ Eastern ☐ Central		Composite end Date / Time		Bottle Group(s) (See pg 2)	
Field ID		LAKE ROUSSEAU		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 10.98 ☒ mg/L 146.8 ☒ % sat		Total Res. Chlorine (mg/L)		C, D	
WIN		Site Name: Lake Rousseau Bloom Response		Temp (C) 30.6		pH 8.59		Sample Depth 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 277.0	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.13		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/5/19 Time 1:32		☒ Eastern ☐ Central		Composite end Date / Time		Bottle Group(s)	
Field ID		WITHLA. RVR BLOOM		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 8.34 ☒ mg/L 112.8 ☒ % sat		Total Res. Chlorine (mg/L)		A, B, C, D	
WIN/STC		Site Name: Withlacoochee River Bloom		Temp (C) 31.1		pH 8.24		Sample Depth 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 290.5	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.14		Comments					
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date / Time		☐ Eastern ☐ Central		Composite end Date / Time		Bottle Group(s)	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #				Temp (C)		pH		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date / Time		☐ Eastern ☐ Central		Composite end Date / Time		Bottle Group(s)	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #				Temp (C)		pH		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments			

Relinquished By: M. Bearden	Date/Time: 6/5/19 1600	Shipping Method: Fed Ex	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 6-6-19 10:15
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Group: A	Bottle Type:	PT-50ML	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	BLOOM-ID						
Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-MCYST-AA						
Group: C	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: C	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
Group: C	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: D	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	Lugol's	Enter Number of Bottles Sent to Lab	2
	DTY-QN-C						
	PKD-QN-C						

Date of Request: 22-MAY-2019
 Created By: BEARDEN_M On: 22-MAY-2019
 Modified By: JASROTIA_P On: 22-MAY-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
 13051 N. Telecom Parkway

 Temple Terrace, FL 33637
 Attn: Matthew Bearden

Send Final Report To:

13051 N. Telecom Parkway

 Temple Terrace, FL 33637
 Attn: Matthew Bearden

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 22-MAY-2019
 Biology Request Reviewed By: JASROTIA_P On: 22-MAY-2019
 Sampling Kit Required: YES Ship on: 31-MAY-2019
 Sampling Kit Shipped: YES On: 28-MAY-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 10-JUN-2019
 Received By: SHAIK_A On: 06-JUN-2019

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.

Bottle Group A (Biological) With 5 Samples:

Bottle Type: PT-50ML Number of Bottles: 5 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 5 Samples:

Bottle Type: BG-250ML-WDMTH Number of Bottles: 5 Preserved With: ICE
 W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Group C (Water) With 5 Samples:

Bottle Type: BP-1L Number of Bottles: 5 Preserved With: ICE
 CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-500ML Number of Bottles: 5 Preserved With: ICE And H2SO4
 W-NH3 Template: DEFAULT (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L

Bottle Group C (Water) With 5 Samples:

Bottle Type: P-500ML	Number of Bottles: 5	Preserved With: ICE And H2SO4
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: 5	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 5 Samples:

Bottle Type: BP-1L	Number of Bottles: 5	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.