Log-in Checklist

RQ- 2019 - 06 - 03 - 42 Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 06-20-2019 / 13:00

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO_3	Formalin		Yes	No	Yes	No	
2.7C				6		X			4751 8780 2568

* 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 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 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: 06-20-2019 NCRs (Y/N)? NA

Event ID: WQAP - 2019 - 06 - 20 -04 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

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 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, were samples shipped on dry ice? Yes_____ No_____ 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: _____

Request Number: RQ-2019-06-03-42

Algal Bloom Response - as needed

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WQAP

Project ID: BLOOM-RESP

Requester: Matthew Bearden

Collected By: Francisco Faria

Field Report Prepared By: Francisco Faria

Sampling Agency: South West ROC

Site Name: Manatee River - Near Ellenton

Date: 06/19/2019

Field	Value
Comp / Grab	☐ Comp ☑ Grab
Collection (comp begin or grab)	Date 06/19/19 Time 1045 (Eastern) Central
~~Composite end~~	Date Time
Matrix (type, e.g., Salt, Fresh, etc)	Salt
Diss. Oxygen	10.70 ☑ mg/L; 149.9% ☑ % sat
~~Total Res. Chlorine~~ (mg/L)	
Temp (C)	28.9
pH	8.56
Sample Depth	0.3 ☐ ft ☑ m
Sp. Conductance (umho/cm)	24247
Salinity (ppt)	14.65
Comments	
Bottle Group(s) (See pg 2)	A, B, C, D
Latitude	☐ dd ☐ dms
Longitude	☐ dd ☐ dms

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

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
F. Faria	06/19/19 1400	Fedex	1	[signature]	6-20-19 | 13:00

Group: A	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-MCYST-AA	BG-250ML-WDMTH	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: DTY-QN-C PKD-QN-C	BP-1L	# of Bottles: 5	Preservative:	Lugols	Enter Number of Bottles Sent to Lab	1

RQ-2019-06-03-42

Date of Request: 16-MAY-2019
Created By: BEARDEN_M On: 16-MAY-2019
Modified By: WATTS_J On: 29-MAY-2019
Customer: WQAP
Project: BLOOM-RESP
Division:
District:
Sampling Event: Algal Bloom Response - as needed

Send Coolers To:

Phone: 850-245-8416
FL DEP
13051 N Telecom Parkway
Temple Terrace, FL 32399-2400
Attn: Matt Bearden

Send Final Report To:

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

Program Module Number:
Priority: 1
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 21-MAY-2019
Biology Request Reviewed By: JASROTIA_P On: 22-MAY-2019
Sampling Kit Required: YES Ship on: 24-MAY-2019
Sampling Kit Shipped: YES On: 29-MAY-2019
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 03-JUN-2019
Received By: SHAIK_A On: 20-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.

Please print two copies of algal job labels at login.

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

Bottle Group C (Water) With 5 Samples:

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
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.