

From: [King, Michael](#)
To: [Ayres, Joshua](#)
Cc: [Watts, John](#); [Shaik, Amzad](#); [Savage, Jacqueline](#)
Subject: Re: Emailing - WQAP-2020-01-28-04.pdf
Date: Tuesday, April 28, 2020 8:30:57 AM
Attachments: [image001.png](#)
[image002.png](#)

4:05 PM. I just checked the Algal Bloom dashboard to confirm. Sorry for the confusion.

Mike

From: "Ayres, Joshua" <Joshua.Ayres@dep.state.fl.us>
Date: Tuesday, April 28, 2020 at 7:20 AM
To: "King, Michael" <Michael.King@dep.state.fl.us>
Cc: "Watts, John" <John.Watts@FloridaDEP.gov>, "Shaik, Amzad" <Amzad.Shaik@dep.state.fl.us>, "Savage, Jacqueline" <Jacqueline.Savage@dep.state.fl.us>
Subject: Fw: Emailing - WQAP-2020-01-28-04.pdf

Mike -

Quick question about collection time for this bloom response, was it collected in the AM or PM?

RQ - 2020-02-03-37		Collected By:	Michael King							
Customer:	NWDIST	Field Report Prepared By:	Michael King							
Project ID:	BLOOM-RESP	Sampling Agency:	NWROC							
Location:		Comments:								
Field ID: HAB_Direct_Runoff_Pond										
Location: Tiger Point Golf Course Pond										
WIN ID:	 NWHAB0008	Coordinates:								
WIN ID:		Collection Equip:	Pol <							
Matrix:	Surface Fresh	High Tide Time:	Low Tide Time:							
	☒ Grab	Tide:	☐ Rising ☐ Falling ☐ Slack ☐ N/A							
Water Quality										
Date	Time ☐ EST ☒ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPT)
1/27/20	0405	127.7	13.46	13.3	8.22	0.2	0.4	VOB	296.7	0.41
Bloom Observations										

JOSHUA AYRES



Environmental Specialist III

DEP Laboratories

Voice: 850.245.8206

Joshua.Ayres@dep.state.fl.us

From: Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>

Sent: Tuesday, April 28, 2020 7:41 AM

To: Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>

Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>

Subject: Emailing - WQAP-2020-01-28-04.pdf

Hi Amzad,

The collection time on the attached event needs to be confirmed with the sampler. It is documented on the submittal sheet as 0405 Central which would mean 5:05 am Eastern to me. It was logged in as 1705, which is likely correct, but we need confirmation and that should be documented in the file. Please let me know when you get confirmation. The report is due for certification today.

Date	Time
	☐ EST
	☒ CEN
1/27/20	0405

Thanks,
Jackie

Login Checklist

RQ- **2020 - 02 - 03 - 37**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **01-28-2020 / 10:00**

Cooler Temperature*	Samples Frozen YES	* All Samples in Cooler Preserved with		Number of Sample Containers In Cooler	Evidence Tape				Tracking # Damaged waybill is only
		HNO ₃	Formalin		Present? Yes No	*Intact? Yes No			
2.1C				6		X			1278 4008 5574

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. 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 **X** 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: **01-28-2020** NCRs (Y/N)?

EventID: Algal Bloom Response - NW ROC
WQAP-2020-01-28-04 (BLOOM-RESP) NCR #

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:	IR TG#3 EXP:11/05/2020
pH Test Strips 0 – 6 Lot #	2133AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	220416A EXP:07/30/2020
pH Paper 0 – 13 Lot #	208717 EXP:03/31/2020
Chlorine Test Strips Lot #	8261 2021 / 07

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: _____



Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

RQ - 2020-02-03-37		Collected By:		Michael King						
Customer:	NWDIST	Field Report Prepared By:		Michael King						
Project ID:	BLOOM-RESP	Sampling Agency:		NWROC						
Location:		Comments:								
Field ID: HAB_Direct_Runoff_Pond										
Location: Tiger Point Golf Course Pond										
WIN ID:		Coordinates:								
 NWHAB0008		Collection Equip: Polc								
WIN ID:		High Tide Time:		Low Tide Time:						
Matrix:	Surface Fresh	☒ Grab		Tide: ☐ Rising ☐ Falling ☐ Slack ☐ N/A						
Water Quality										
Date	Time ☐ EST ☒ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPTH)
1/27/20	0405 JA	127.7	13.46	13.3	8.22	0.2	0.4	VDB	296.7	0.41
	16:05 JA 4/28/2020									
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☒ NO										
Water Surface	☐ Clear	☐ Scum	☐ Glob	☐ Slick						
Water Clarity	☐ Clear	☒ Slightly Turbid	☐ Turbid	☐ Opaque						
Bloom Color	☐ Green	☐ Red	☐ Brown	☐ Other: _____	☐ N/A					
Algae Distribution	☐ Suspended in water column	☐ On surface	☒ Other: <u>on plants</u>	☐ N/A						
Water Odors	☐ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	☐ Other: _____					
Parameter Suite	Parameter Methods			Preservation	pH Check	#Bottles Sent to Lab	Bottle Group			
Bloom ID (PT-50mL)	☒ BLOOM-ID			☒ Ice						
Chlorophyll (BP-1L)	☒ CHLSUITE-W			☒ Ice						
Toxins (BG-WD250)	☒ W-MCYST-AA			☒ Ice						
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP			☐ Ice ☒ H2SO4	☒ <2					
Preserved Nutrients (500mL HDPE)	Acid Lot:		SA9203100		Exp:		07/22/20			
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice					
			Filter Lot # 16953247							
Quantitative Algae	☒ DTY-QN-C / PKD-QN-C			☒ Ice	Lugols? Y ☒ N					
Relinquished By:	Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
MIKE KING	1/27/20 1800		1		ABP		01-28-20-1000			

Contains: 1.1 H2SO4
Lot No: SA9203100
Expires: 07/22/20
Bop Safety Data Sheet (SDS)

Ref:
Dop:

Date: 18Oct19
Wgt: 35.00 LBS

SHIPPING:
SPECIAL:
HANDLING:

0.00
0.00
0.00

Date of Request: 13-JAN-2020
 Created By: KING_M On: 13-JAN-2020
 Modified By: JASROTIA_P On: 13-JAN-2020
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest
 Sampling Event: Algal Bloom Response - NW ROC

Send Coolers To:

Phone: 850-595-0605
 160 W Government St
 Suite 208
 Pensacola, FL 325602
 Attn: Michael King

Program Module Number:

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 13-JAN-2020
 Biology Request Reviewed By: JASROTIA_P On: 13-JAN-2020
 Sampling Kit Required: YES Ship on: 24-JAN-2020
 Sampling Kit Shipped: YES On: 23-JAN-2020
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 03-FEB-2020
 Received By: SHAIK_A On: 28-JAN-2020

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.

Please print two copies of algal job labels at login.

Bottle Group A (Biological) With 4 Samples:

Bottle Type: PT-50ML Number of Bottles: 4 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 4 Samples:

Bottle Type: BP-1L Number of Bottles: 4 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: 4 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: 4 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: 4 Preserved With: FILTER-ICE

Bottle Group B (Water) With 4 Samples:

Bottle Type: P-125ML	Number of Bottles: 4	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 4 Samples:

Bottle Type: BP-1L	Number of Bottles: 4	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.