

From: [Reistad, Nicole](#)
To: [Reaves, Shawn D](#)
Cc: [Mullen, William](#)
Subject: RE: RQ-2022-03-07-14
Date: Thursday, May 26, 2022 3:18:27 PM

Hi Shawn,

The matrix for the algal bloom sample was freshwater.

Thanks,

Nicole Reistad

From: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Sent: Thursday, May 26, 2022 11:14 AM
To: Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Cc: Mullen, William <William.Mullen@FloridaDEP.gov>
Subject: RQ-2022-03-07-14
Importance: High

Good Morning,

Can you verify the water matrix for the attached submittal form it's missing ?

Thanks

Shawn D. Reaves
DEP-Lab Support
Environmental Specialist I
Office: 850-245-8082
Direct: 58082
Email: Shawn.Reaves@FloridaDEP.gov

Login Checklist

RQ- 2022-03-07-14

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 05/25/22 @ 9:35

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
2.4				5		X			5225 5546 4490

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO₃ and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# _____

Chain of Custody/ Field Sheet(s) Included?

Yes ✓ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes _____ No X

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA X

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes ✓ No _____

Caps on tight?

Yes ✓ No _____

Sufficient Sample Volume:

Yes ✓ No _____

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes _____ No X Init: R

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: _____

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH < 2.0?

Yes ✓ No _____ NA _____ Init: R

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes _____ No _____ NA X Init: R

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: R

Date: 05/25/22

Event contains NCRs (Y/N)? N

Event: **Algal Bloom Response -SOROC**
WQAP-2022-05-25-04 (BLOOM-RESP)
Date Received: 25-MAY-2022 09:35

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:10/19/2022
pH Test Strips 0 – 6	223819AV EXP:08/30/2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	207621 EXP:03/15/2024
Chlorine Test Strips	0070 EXP:02/2023

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: _____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

If no, were samples shipped on dry ice? Yes _____ No _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

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 - 2022-03-07-14		Collected By: Nicole Reistad	
Customer: FDEP		Field Report Prepared By: William Miller	
Project ID: HAB-Resp		Sampling Agency: FDEP DEAP SoEoc	
Location: Cosmic Canal - Oklahoma St.		Comments:	
Field ID: HAB-SD-052422-1045		Coordinates:	
WIN ID: HA-SD-069		Collection Equip: Bottle, Pok	
Matrix:		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)
05/24/22	1045	153.0	11.84	28.5	8.15	0.25	0.5	0.5	1137	0.56

Bloom Observations					
Algal Bloom Observed? ☒ Yes ☐ No					
Water Surface	☒ Clear	☐ Scum	☐ Globs	☐ 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: ☐ 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		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	B
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B
	Acid Lot: SA1308030	Exp: 12/01/22			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice	1	B
	Filter Lot # 12232823				
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		
Relinquished By: William Miller	Date/Time: 05/24/22 1300	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 5-25-2022 9:35	

Date of Request: 25-JAN-2022
 Created By: WOLFE_K On: 25-JAN-2022
 Modified By: JASROTIA_P On: 16-FEB-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: SROC
 Event Description: Algal Bloom Response -SOROC

Send Coolers To:

Phone: 850-245-8416
 2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe
 Cooler Ship EMail: kirby.wolfe@dep.state.fl.us

Priority: 1
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 15-FEB-2022
 Biology Request Reviewed By: JASROTIA_P On: 16-FEB-2022
 Sampling Kit Required: YES Ship on: 25-FEB-2022
 Sampling Kit Shipped: YES On: 23-FEB-2022
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 07-MAR-2022
 Logged In By:

Send Final Report To:

2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe
 Report Notification EMail:
 kirby.wolfe@floridadep.gov;kalina.warren@dep.state.fl.us;Cheryl.
 Swanson@dep.state.fl.us;Nicole.Reistad@floridadep.gov;John.B
 arrington@floridadep.gov;Gary.Snorek@dep.state.fl.us

Comments: Unless peak algal bloom season, may analyze toxin after consultation with Biology's Taxonomy Manager.

Bottle Group A - Priority 1
 For algal dominant taxon.

Bottle Group B - Priority 1
 For toxins, nutrients, chlorophyll,

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 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: (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

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.