

Ayres, Joshua

From: Watts, John
Sent: Thursday, October 14, 2021 10:25 AM
To: Abdo, Natalie
Cc: Wright, Colin; Swanson, Cheryl; Ayres, Joshua; Lurding, Kathleen
Subject: Re: HAB samples from 10/13/2021- SWROC DEAR

Natalie, in response to you comment about qualifying field parm data, this should be done in the DMT.

John Watts
FDEP Laboratory
Scientific Services Support
850-245-8077 voice

Outlook Webmail

From: Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>
Sent: Thursday, October 14, 2021 8:40 AM
To: Wright, Colin <Colin.Wright@dep.state.fl.us>; Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>
Cc: Watts, John <John.Watts@FloridaDEP.gov>
Subject: FW: HAB samples from 10/13/2021- SWROC DEAR

Heads up about HAB-0044 & HAB-0045 samples.



JOSHUA AYRES
Environmental Specialist III
DEP Laboratories
Voice: 850.245.8206
Joshua.Ayres@floridadep.gov

From: Abdo, Natalie <Natalie.Abdo@FloridaDEP.gov>
Sent: Thursday, October 14, 2021 8:02 AM
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Warren, Kalina <Kalina.Warren@dep.state.fl.us>; Meyer, Sarah <Sarah.Meyer@dep.state.fl.us>; Faria, Francisco <Francisco.Faria@FloridaDEP.gov>
Subject: RE: HAB samples from 10/13/2021- SWROC DEAR

To whom this may concern,

We need to apply a J qualifier to Conductivity for all of these samples.

It is also important to note that a large amount of salt water was added to Harbor Isle since we last sampled the system in May. This water body is connected to the Tampa Bay and in the past few months they lowered the wall to repair it which resulted in additional sea water being added to the system, as a result when we initially calibrated the YSI in the morning we did not anticipate having the conductivity be so high while sampling.

Please let us know if there is anything we need to do on our end as it relates to these samples.

Thank you.

Best,
Natalie Abdo
SWROC

From: Abdo, Natalie
Sent: Wednesday, October 13, 2021 3:58 PM
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Subject: HAB samples from 10/13/2021- SWROC DEAR

To whom this may concern:

Attached is the field sheets associated with HAB-0044 & HAB-0045.

We didn't have COC's because the kits were stragglers.

Please let us know if you have any questions.

Best,



Natalie Abdo
Florida Department of Environmental Protection
Division of Environmental Assessment and
Restoration
Water Quality Assessment Program
Environmental Specialist I
Natalie.Abdo@FloridaDEP.gov
Office: 813.470.5772

Shaik, Amzad

From: Abdo, Natalie
Sent: Thursday, October 14, 2021 08:02
To: Lab.Receiving
Cc: Warren, Kalina; Meyer, Sarah; Faria, Francisco
Subject: RE: HAB samples from 10/13/2021- SWROC DEAR

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Natalie Abdo

Florida Department of Environmental Protection
Division of Environmental Assessment and Restoration
Water Quality Assessment Program
Environmental Specialist I
Natalie.Abdo@FloridaDEP.gov
Office: 813.470.5772

RQ- 2021 - 08 - 23 - 30

Shipping Method: FedEx | UPS | HD | Greyhound

[illegible]

***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 **X** No

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

Yes No **X**

Evidence Tape on Bottles? Yes ☐ No ☐ NA ☒ 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: **ABS** /

Chlorine detected? (One container checked per Field ID) Yes No Init: **ABS** /

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

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 _____ NA **x Init: **ABS**

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

Coolers Unpacked/Checked by: **ABS** / _____ Date: **10-14-2021** Event contains NCRs (Y/N)? **N**

Event ID: **WQAP - 2021 - 10 - 14 -05**

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:10/28/2021
pH Test Strips 0 – 6	Lot # Z32518V EXP:NOV 30 2021
pH Paper 0 – 3	N/A
pH Paper 0 – 13	Lot # Z31019 EXP:NOV 1 2022
Chlorine Test Strips	0261 2023 / 05

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: ABS

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 - 2021-08-23-30		Collected By: Megan Malney, Natalie Abdo	
Customer:		Field Report Prepared By: Megan Malney	
Project ID:		Sampling Agency: FDEP DEAR SW ROC	
Location: WIN/Field ID: HAB-SW-0044		Comments: resample due to wrong tests run by lab	
Site Name: Eagle Lake- Center		Coordinates:	
		Collection Equip: bottles via canoe	
WIN ID:		High Tide Time: —	Low Tide Time: —
Matrix:	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)
10/13/21	13:25	78.0	6.02	28.7	7.32	0.3	4.5	0.6	253.7	0.12
10/13/21	13:25	5.2	0.41	28.0	6.82	3.0			259.9	0.12

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
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B
Preserved Nutrients (500mL HDPE)	Acid Lot:	Exp:			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter	☒ Ice	1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		
Relinquished By: N. Abdo	Date/Time: 10/13/21 / 1700	Number of Coolers Shipped: 2	Received By:	Date/Time:	

FEDEX

Date of Request: 04-AUG-2021
 Created By: MEYER_S On: 04-AUG-2021
 Modified By: JASROTIA_P On: 10-AUG-2021
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District:
 Event Description: Algal Bloom Response - SWD

Send Coolers To:

Phone: 8134705782
 13051 N Telecom Parkway
 Suite 101
 Temple Terrace, FL 33637
 Attn: Sarah Meyer
 Cooler Ship EMail: sarah.meyer@dep.state.fl.us

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-AUG-2021
 Biology Request Reviewed By: JASROTIA_P On: 10-AUG-2021
 Sampling Kit Required: YES Ship on: 13-AUG-2021
 Sampling Kit Shipped: YES On: 10-AUG-2021
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: NO
 Date to Receive Samples: 23-AUG-2021
 Logged In By: SHAIK_A On: 14-OCT-2021

Send Final Report To:

13051 N Telecom Parkway
 Suite 101
 Temple Terrace, FL 33637
 Attn: Sarah Meyer
 Report Notification EMail:
 sarah.meyer@dep.state.fl.us;kalina.warren@dep.state.fl.us

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

Bottle Group A- algal dominant taxon
 Bottle Group B - toxin testing, nutrients, chlorophyll, 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 6 Samples:

Bottle Type: PT-50ML	Number of Bottles: 6	Preserved With: ICE
BLOOM-ID	Template: DEFAULT	(SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 6 Samples:

Bottle Type: BP-1L	Number of Bottles: 6	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: 6	Preserved With: ICE
W-MCYST-AA	Template:	(EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 6	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: 6	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.