

Shaik, Amzad

From: Klug, Kyle
Sent: Thursday, April 28, 2022 15:21
To: Shaik, Amzad
Subject: FW: HAB-SD-04262022-1000

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Thursday, April 28, 2022 12:42 PM
To: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>; Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>
Subject: RE: HAB-SD-04262022-1000

Definitely dominant for cyano!

Kyle, this needs to be shipped to Greenwater this afternoon, as originally planned.

Thank you!
Amelia

From: Rankin, Amelia
Sent: Thursday, April 28, 2022 12:25 PM
To: Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>; Klug, Kyle <Kyle.Klug@floridadep.gov>
Subject: FW: HAB-SD-04262022-1000

Jess and I just went down to Receiving and took a pinch of the filamentous algae and a little water out of the OV-TOXN-LC bottle #2 to determine if the alga is cyanobacteria or not. (I recorded that on the submittal sheets.) Identification will determine whether the sample is sent to Greenwater or not.

Amzad is adding BLOOM-ID to this RQ/Event.

Amelia

From: Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>
Sent: Wednesday, April 27, 2022 12:18 PM
To: Tate, Kerry <Kerry.Tate@FloridaDEP.gov>; Reddy, Sathavaram <Sathavaram.Reddy@dep.state.fl.us>
Cc: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>
Subject: FW: HAB-SD-04262022-1000

We should receive this bloom Black Burn Park Kayak Launch West sample today. Our taxonomy group will look at this and see if the filaments are recognizable as cyanobacteria. If it is and we haven't already processed the toxin sample, Dave was thinking we might want to send a sample to Greenwater for dermatotoxins.

I think tomorrow, we should receive a sample or two from the Manatee River area. Same process – taxonomy takes a glance and maybe we send a sample to Greenwater for dermatotoxins. I think this sample might be “fresher” material.

Cheryl

From: Mullen, William <William.Mullen@FloridaDEP.gov>

Sent: Tuesday, April 26, 2022 4:48 PM

To: Whiting, David D. <David.D.Whiting@dep.state.fl.us>; Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>; Hogue, Alicia <Alicia.Hogue@FloridaDEP.gov>; Warren, Kalina <Kalina.Warren@dep.state.fl.us>; Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>

Cc: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>; Jaeger, Monica <Monica.Jaeger@FloridaDEP.gov>

Subject: HAB-SD-04262022-1000

Good Afternoon,

SOROC collected two samples at Black Burn Park Kayak Launch West in Osprey for filamentous algae. Samples were sent via FedEx.



William Mullen

Environmental Specialist II

Environmental Assessment and Restoration – South ROC

Florida Department of Environmental Protection

2295 Victoria Avenue Suite 364

Fort Myers, FL 33901

William.Mullen@FloridaDEP.gov

Office: 239-344-5716

2021
RQ- 2022- 08 - 02 - 60

Login Checklist

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 04/27/2022 / 09:15

*Cooler Temperature	Samples Frozen? YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
1.1C				2		X			9293 8015 5064

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 X 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 X No _____

Caps on tight?

Yes X No _____

Sufficient Sample Volume:

Yes X 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# _____

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

ABS

**Acid Preserved Samples: pH< 2.0?

Yes N / No _____ NA X 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: 04/27/2022

Event contains NCRs (Y/N)? n

Event ID: Algal Bloom Response Matlacha Pas

WQAP-2022-04-28-03 (BLOOM-RESP)

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:10/19/2022
pH Test Strips 0 – 6	LOT#223819AV EXP:8/30/2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT 207621 EXP:3/15/2024
Chlorine Test Strips	0070/2023/02 abs 0070 / 2023 / 02

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: _____

Customer: WQAP

Project ID: BLOOM-RESP

Requester: John Watts

Collected By: Monica Jaeger

Field Report Prepared By: Monica Jaeger

Sampling Agency: DEEP DEAR SOROC

Location Black Barn Park Kayak launch West		☐ Comp Grab		Collection (comp begin or grab)		☒ Eastern Central		Composite end		Bottle Group(s)	
Field ID HAB-SD-4242022-1000		Date 04/26/2022		Time 1000		Diss. Oxygen 6.84		Total Res. Chlorine 18.1		Chlorine (mg/L)	
WIN/STORET #		pH 8.661		Sample Depth 0.3		Sp. Conductance 18.1		Total Res. Chlorine (mg/L)		A	
Latitude 27.181565		Longitude -82.4455309		Comments Secchi: 0.8m		Total Depth 0.8m					
Location		☐ Comp Grab		Collection (comp begin or grab)		☐ Eastern Central		Composite end		Bottle Group(s)	
Field ID		Date		Time		Diss. Oxygen		Total Res. Chlorine (mg/L)			
WIN/STORET #		pH		Sample Depth		Sp. Conductance (umho/cm)		Total Res. Chlorine (mg/L)			
Latitude		Longitude		Comments							
Location		☐ Comp Grab		Collection (comp begin or grab)		☐ Eastern Central		Composite end		Bottle Group(s)	
Field ID		Date		Time		Diss. Oxygen		Total Res. Chlorine (mg/L)			
WIN/STORET #		pH		Sample Depth		Sp. Conductance (umho/cm)		Total Res. Chlorine (mg/L)			
Latitude		Longitude		Comments							
Location		☐ Comp Grab		Collection (comp begin or grab)		☐ Eastern Central		Composite end		Bottle Group(s)	
Field ID		Date		Time		Diss. Oxygen		Total Res. Chlorine (mg/L)			
WIN/STORET #		pH		Sample Depth		Sp. Conductance (umho/cm)		Total Res. Chlorine (mg/L)			
Latitude		Longitude		Comments							
Location		☐ Comp Grab		Collection (comp begin or grab)		☐ Eastern Central		Composite end		Bottle Group(s)	
Field ID		Date		Time		Diss. Oxygen		Total Res. Chlorine (mg/L)			
WIN/STORET #		pH		Sample Depth		Sp. Conductance (umho/cm)		Total Res. Chlorine (mg/L)			
Latitude		Longitude		Comments							

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
					27/02

8115

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

Email scanned submission forms to lab.receiving@floridadep.gov



Revision Author: C. Swanson

RD - 2021-08-02-65		Collected By: <i>William Miller</i>	
Customer: <i>DEP</i>		Field Report Prepared By: <i>William Miller</i>	
Project ID: <i>WAP Algal Bloom Resp</i>		Sampling Agency: <i>DEP DEAR SROC</i>	
Location: <i>Black River Park Launch Roundabout</i>			
Comments: <i>DU-TOXN-LC X2 Sampled for Filamentous Algae. Sent to GreenLab</i>		Coordinates: <i>27.181565, -82.4955359</i>	
Field ID: <i>4AB-SD-04262003-1000</i>		Collection Equip: <i>Bottle + Bole</i>	
WIN ID: <i>4AB-SD-066</i>		High Tide Time: _____ Low Tide Time: _____	
Matrix: <i>Marine</i>		Tide: ☐ Rising ☐ Falling ☐ Slack ☐ N/A	
Water Quality			
Date	Time ☒ EST ☐ CEN	D.O. (%)	D.O. (mg/L)
01/26/22	1000	98.1	6.59
			25.4
			8.04
			0.3
			0.8
			0.8
			536.03
			35.42
Algal Bloom Observed? ☒ Yes ☐ No			
Water Surface			
☐ Clear	☐ Scum	☐ Globes	☐ Slick
Water Clarity			
☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque
Bloom Color			
☐ Green	☐ Red	☐ Brown	☒ Other: <i>Filamentous</i>
Algae Distribution			
☐ Suspended in water column	☒ On surface	☐ Other: <i>Attached</i>	☐ N/A
Water Odors			
☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical
Parameter Suite			
Parameter Methods		Preservation	pH
Bloom ID (PT-50mL)		☐ Ice	Check
Chlorophyll (BP-1L)		☐ Ice	#Bottles Sent to Lab
Toxins (BG-WD250)		☐ Ice	Bottle Group
W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TF		☐ Ice	
W-MCYS-AA		☐ Ice	
CHLUSITE-W		☐ Ice	
Bloom ID (PT-50mL)		☐ Ice	
Preserved Nutrients (500mL HDPE)		Acid Lot:	Exp:
☐ W-P04-F		☐ Field Filtered 0.45um Filter	☐ Ice
☐ DTY-QN-C / PKD-QN-C		Filter Lot #:	☐ Ice
Quantitative Algae		Number of Coolers Shipped	Received By: <i>A.SHAIK</i>
Relinquished By:		Date/Time	Date/Time
			04/27/2022 / 09:15

piece of filamentous algae removed from bottle #2 for ID

Date of Request: 19-JUL-2021
Created By: WATTS_J On: 19-JUL-2021
Modified By: WATTS_J On: 29-JUL-2021
Customer: WQAP
Project: BLOOM-RESP
Division: Division of Environmental Assessment and Restoration
District: SROC
Event Description: Algal Bloom Response Matlacha Pass -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: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 19-JUL-2021
Biology Request Reviewed By:
Sampling Kit Required: YES Ship on: 23-JUL-2021
Sampling Kit Shipped: YES On: 20-JUL-2021
Sampling Kit Packed By: KLUG_K
Preservatives Needed: NO
Date to Receive Samples: 02-AUG-2021
Logged In By: SHAIK_A On: 27-APR-2022

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;david.d.whiting@floridadep.gov;julie.es
py@floridadep.gov;amelia.rankin@floridadep.gov

Comments: Group A - 3 samples filamentous algae - Greenwater

Bottle Group A (Water) With 3 Samples:

Bottle Type: BG-250ML-WDMTH Number of Bottles: 3 Preserved With: ICE
OV-TOXN-LC Template: DEFAULT (SOP 67 (Greenwater)) Algal Dermatotoxins by LC/MS/MS using Greenwater Laboratory

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

Date of Request: 19-JUL-2021
Created By: WATTS_J On: 19-JUL-2021
Modified By: WATTS_J On: 29-JUL-2021
Customer: WQAP
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Attn: Kirby Wolfe
Cooler Ship EMail: kirby.wolfe@dep.state.fl.us

Priority: 1
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 19-JUL-2021
Biology Request Reviewed By:
Sampling Kit Required: YES Ship on: 23-JUL-2021
Sampling Kit Shipped: YES On: 20-JUL-2021
Sampling Kit Packed By: KLUG_K
Preservatives Needed: NO
Date to Receive Samples: 02-AUG-2021
Logged In By: SHAIK_A On: 28-APR-2022

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;david.d.whiting@floridadep.gov;julie.es
py@floridadep.gov;amelia.rankin@floridadep.gov

Comments: Group A - 3 samples filamentous algae - Greenwater

Bottle Group A (Water) With 3 Samples:

Bottle Type: BG-250ML-WDMTH Number of Bottles: 3 Preserved With: ICE
OV-TOXN-LC Template: DEFAULT (SOP 67 (Greenwater)) Algal Dermatotoxins by LC/MS/MS using Greenwater Laboratory

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

BLOOM-ID-B

