

From: [Rankin, Amelia](#)
To: [Reaves, Shawn D](#)
Cc: [Watts, John](#); [Ayres, Joshua](#)
Subject: FW: 6/22/21 Palm Beach Co Bloom Response Sample
Date: Tuesday, June 22, 2021 2:21:20 PM
Attachments: [WOAP-2021-06-22-01.pdf](#)

Hi,

Would you please correct the Location for the sample collected at 1415? Per the samplers, it should be Sabal Palm Lake.

Thanks,
Amelia

From: Skaggs, Jordan <Jordan.Skaggs@FloridaDEP.gov>
Sent: Tuesday, June 22, 2021 2:19 PM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Cc: Luering, Andrew <Andrew.Luering@FloridaDEP.gov>; Fischer, Sabrina <Sabrina.Fischer@FloridaDEP.gov>
Subject: RE: 6/22/21 Palm Beach Co Bloom Response Sample

Hi Amelia,

Sabal will work.

Thank you,

Jordan

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Tuesday, June 22, 2021 2:16 PM
To: Skaggs, Jordan <Jordan.Skaggs@FloridaDEP.gov>
Cc: Luering, Andrew <Andrew.Luering@FloridaDEP.gov>; Fischer, Sabrina <Sabrina.Fischer@FloridaDEP.gov>
Subject: 6/22/21 Palm Beach Co Bloom Response Sample

Hi Jordan,

Should the correct spelling for the sample collected at 1415 be Sable or Sabal?

Thanks,

Amelia Rankin

Taxonomy Manager

FDEP Laboratory--Biology Program

2600 Blair Stone Rd.

MS 6515

Tallahassee, FL 32399-2400

Phone: (850) 245-8182

Login Checklist

RQ- 2021-06-07-58

Login Station ID: #5

Shipping Method: (FedEx) | UPS | HD | Greyhound

Date/Time of Receipt: 6/ 22 /21 @ 9:50

*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	
0.8				15		✓			9293 8013 8598

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 ✓

CONTAINER CHECK

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 ✓ Init: kh

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: kh

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes _____ No _____ NA ✓ Init: kh

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

Coolers Unpacked/Checked by: kh Date: 6/ 22 /21 Event contains NCRs (Y/N)? ✓

Event ID: Algal Bloom Response - SE ROC
WQAP-2021-06-22-01 (BLOOM-RESP)

Date Received: 22-JUN-2021 09:50

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-28-21
pH Test Strips 0 – 6	Lot#210620 EXP:4-15-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
Chlorine Test Strips	Lot#0261 EXP:5-23

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: WQAP

Requester: Jordan Skaggs

Field Report Prepared By:

Andrew Luering

Project ID: BLOOM-RESP

Collected By: Sabrina Fischer

Sampling Agency:

SE ROC

Location S-308 (Lake side)		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/21/21 Time 1220		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID SE HAB0053		Matrix (type, e.g., Salt, Fresh, etc.) Fresh		Diss. Oxygen 7.16		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A, B	
WIN/STORET #		Temp (C) 30.1		pH 7.84		Sample Depth 0.3		Sp. Conductance (umho/cm) 394			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.19		Comments					
Location S-308 (canal side)		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/21/21 Time 12:30 ^{KK}		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID SE HAB0054		Matrix (type, e.g., Salt, Fresh, etc.) Fresh		Diss. Oxygen 0.43		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A, B	
WIN/STORET #		Temp (C) 29.3		pH 7.09		Sample Depth 0.3		Sp. Conductance (umho/cm) 468.3			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.22		Comments					
Location Sable Palm Lake		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/21/21 Time 1415		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID SE HAB0055		Matrix (type, e.g., Salt, Fresh, etc.) Fresh		Diss. Oxygen 11.21		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A, B	
WIN/STORET #		Temp (C) 29.9		pH 8.73		Sample Depth 0.3		Sp. Conductance (umho/cm) 149 ^{AL} 365			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.17		Comments					
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc.)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
WIN/STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments					

Relinquished By: Andrew Luering	Date/Time 6/21/21 1700	Shipping Method Fedex	Number of Coolers Shipped: 1	Received By: KK	Date/Time 6-22-21/0950
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* Collection time taken from bottles

Group: A	Bottle Type:	PT-50ML	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab ^{AL} <u>2</u> 3
	BLOOM-ID					
Group: B	Bottle Type:	BP-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab ^{AL} <u>2</u> 3
	CHLSUITE-W					
Group: B	Bottle Type:	BG-250ML-WDMT H	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab ^{AL} <u>2</u> 3
	W-MCYST-AA					
Group: B	Bottle Type:	P-500ML	# of Bottles: 10	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab ^{AL} <u>2</u> 3
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
Group: B	Bottle Type:	P-125ML	# of Bottles: 10	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab ^{AL} <u>2</u> 3
	W-PO4-F					

Date of Request: 20-MAY-2021
 Created By: SKAGGS_J On: 20-MAY-2021
 Modified By: JASROTIA_P On: 25-MAY-2021
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: SE ROC
 Event Description: Algal Bloom Response - SE ROC

Send Coolers To:

Phone: 772-448-5884
 2199 South Rock Road

 Fort Pierce, FL 34945
 Attn: Jordan Skaggs
 Cooler Ship EMail: jordan.skaggs@floridadep.gov

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 25-MAY-2021
 Biology Request Reviewed By: JASROTIA_P On: 25-MAY-2021
 Sampling Kit Required: YES Ship on: 28-MAY-2021
 Sampling Kit Shipped: YES On: 26-MAY-2021
 Sampling Kit Packed By: MCCOY_J
 Preservatives Needed: NO
 Date to Receive Samples: 08-JUN-2021
 Logged In By: REYNOLDS_T On: 17-JUN-2021

Send Final Report To:

2199 South Rock Road

 Fort Pierce, FL 34945
 Attn: Jordan Skaggs
 Report Notification EMail:
 jordan.skaggs@floridadep.gov;drew.liddick@floridadep.gov;andrew.luering@floridadep.gov

Comments: **Please send:
 - 4 full-size coolers

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 10 Samples:

Bottle Type: PT-50ML Number of Bottles: 10 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 10 Samples:

Bottle Type: BP-1L Number of Bottles: 10 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: 10 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: 10 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: 10 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.