

From: [Rankin, Amelia](#)
To: [Reaves, Shawn D](#)
Cc: [Watts, John](#); [Ayres, Joshua](#); [Wright, Colin](#)
Subject: WQAP-2021-07-30-01 Site Location Correction
Date: Tuesday, August 3, 2021 2:31:27 PM
Attachments: [WOAP-2021-07-30-01.pdf](#)

Hi,

The Site Location for Field ID HAB-SD-07292021-0745 should be Caloosahatchee Jay**cee** Park (not Jaycce). The sampler's email is below.

Thanks,
Amelia

From: Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>
Sent: Tuesday, August 3, 2021 2:27 PM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Jaeger, Monica <Monica.Jaeger@FloridaDEP.gov>
Subject: RE: Algae Samples Caloosahatchee

Sorry that was a typo the correct spelling is Jaycee Park. Thank you for noticing our mistake.
Thank you,



Thomas Baker
Environmental Specialist II
Environmental Assessment and Restoration – South ROC
Florida Department of Environmental Protection
2295 Victoria Avenue Suite 364
Fort Myers, FL 33901
Thomas.J.Baker@FloridaDEP.gov
Office: 239-344-5663

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Tuesday, August 3, 2021 2:25 PM
To: Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>; Jaeger, Monica <Monica.Jaeger@FloridaDEP.gov>
Subject: RE: Algae Samples Caloosahatchee

Hi,

Was this Site Location Jaycce Park or Jaycee Park? The submittal sheet (attached) says Jaycce.

Thanks!
Amelia

From: Baker, Thomas J <Thomas.J.Baker@FloridaDEP.gov>
Sent: Thursday, July 29, 2021 12:24 PM
To: Whiting, David D. <David.D.Whiting@dep.state.fl.us>; Warren, Kalina <Kalina.Warren@dep.state.fl.us>; Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>; Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Wellendorf, Nijole <Nijole.Wellendorf@FloridaDEP.gov>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Cc: Jaeger, Monica <Monica.Jaeger@FloridaDEP.gov>
Subject: Algae Samples Caloosahatchee

Hello,

Monica Jaeger and I grabbed 2 algae resamples today along the Caloosahatchee River. It will be on the map and should hopefully arrive at the lab on Friday.

Thank you,



Thomas Baker
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Login Checklist

RQ-2021- 07-05-59

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 07/30/21 @ 9:10

*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	
1.4°C				10		X			9293 8014 6460

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/ FieldSheet(s) Included?

Yes _____ No ✓

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 TR 2 No X Init: Tyler

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: Tyler

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

Yes _____ No _____ NA X Init: Tyler

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

Coolers Unpacked/Checked by: Tyler Nguyen

Date: 07/30/21

Event contains NCRs (Y/N)? None

Event ID: _____

Algal Bloom Response -SOROC
WQAP-2021-07-30-01 (BLOOM-RESP)

Date Received: 30-JUL-2021 09:10

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:10/28/2021
pH Test Strips 0 – 6	N/A
pH Paper 0 – 3	N/A
pH Paper 0 – 13	210620 EXP:04/15/2023
Chlorine Test Strips	0261 EXP:05/2023

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 - 2021-07-05-59		Collected By:	Thomas Baker	
Customer:	FDEP-SOROC	Field Report Prepared By:	Monica Jaeger	
Project ID:	HAB Response	Sampling Agency:	FDEP-SOROC	
Location: Caloosahatche Jaycee Park		Comments:		
Field ID: HAB-SD-07292021-0745		Coordinates:		
WIN ID: HAB-SD-07292021-0745		Collection Equip:	pole, Bottle	
Matrix: MARINE		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 (PPTH)
7/29/21	0945	10.4	4.49	30.4	7.51	0.3	0.4	0.4	8172	1.50

Bloom Observations						
Algal Bloom Observed? ☒ Yes ☐ No						
Water Surface	☒ Clear	☐ Scum	☐ Globbs	☐ 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		1	B
Preserved Nutrients (500mL HDPE)	Acid Lot: SP1105060	Exp: 4/30/22			
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45µm Filter Filter Lot # 17162587	☒ Ice	1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time	
Monica Jaeger	07/29/2021 1500	1	TR	07/30/21@9:10	



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

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

RQ - 2021-07-05-59		Collected By:	Thomas Baker	
Customer:	FDEP-SOROC	Field Report Prepared By:	Monica Jaeger	
Project ID:	HAB Response	Sampling Agency:	FDEP-SOROC	
Location: Caloosahatche Rosen Park		Comments:		
Field ID: HAB-SD-07292021-0820		Coordinates:		
WIN ID: HAB-SD-07292021-0820		Collection Equip:	pole bottle	
Matrix: FRLSH		High Tide Time:	Low Tide Time:	
		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)
7/29/21	0820	73.0	5.47	30.5	7.91	0.3	0.9	1.3	3158	1.103

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
Filtered Nutrients (P125mL)	☒ W-PO4-F ☐ Field Filtered 0.45µm Filter Filter Lot # 7162587	☒ Ice		1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice Lugols? Y / N			

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
Monica Jaeger	07/29/2021 1500	1	TR	07/30/21 @ 9:10

Date of Request: 22-JUN-2021
 Created By: WOLFE_K On: 22-JUN-2021
 Modified By: JASROTIA_P On: 23-JUN-2021
 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: WATTS_J On: 23-JUN-2021
 Biology Request Reviewed By: JASROTIA_P On: 23-JUN-2021
 Sampling Kit Required: YES Ship on: 25-JUN-2021
 Sampling Kit Shipped: YES On: 23-JUN-2021
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 05-JUL-2021
 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, 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 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: DEFAULT	(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.