

Reaves, Shawn D

From: Rankin, Amelia
Sent: Monday, August 22, 2022 10:40 AM
To: Reaves, Shawn D
Cc: Ayres, Joshua; Klug, Kyle; Morse, Jessica
Subject: FW: 8/16/22 Peregrine Falcon BLOOM-RESP Sample
Attachments: WQAP-2022-08-17-01.pdf

Good morning, Shawn,

Based on the customer's message, below, would you please correct the Site Location for the sample in this event collected at 11:30? Should be Earhart.

WQAP-2022-08-17-01

Thanks,
Amelia

From: Skaggs, Jordan <Jordan.Skaggs@FloridaDEP.gov>
Sent: Monday, August 22, 2022 8:37 AM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Cc: Fischer, Sabrina <Sabrina.Fischer@FloridaDEP.gov>
Subject: RE: 8/16/22 Peregrine Falcon BLOOM-RESP Sample

Amelia,

Good catch. "Amelia Earhart" park is the proper name. Looks like we had a typo entering that on the tablet.

Thanks!

Jordan

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Friday, August 19, 2022 1:35 PM
To: Skaggs, Jordan <Jordan.Skaggs@FloridaDEP.gov>
Cc: Fischer, Sabrina <Sabrina.Fischer@FloridaDEP.gov>
Subject: 8/16/22 Peregrine Falcon BLOOM-RESP Sample

Hi Jordan,

The 8/16/22 Peregrine Falcon BLOOM-RESP sample was submitted as Amelia Earhart Park. On Google maps, it says Amelia Earhart. Was there a typo on the submittal sheet? Should it be Earhart, not Earnhart?

Thanks!

Amelia Rankin

Taxonomy Manager

FDLP Laboratory-Biology Program

2600 Blair Stone Rd.

MS 6515

Tallahassee, FL 32399-2400

Phone: (850) 245-8182

Login Checklist

RQ-2022-08-08-66

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 08/17/22 @ 9:29

*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	
2.5				10		X			5225 5548 6818

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: rk

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: rk

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

Yes _____ No _____ NA ☒ Init: rk

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

Coolers Unpacked/Checked by: rk

Date: 08/17/22

Event contains NCRs (Y/N)? N

Event ID:

Algal Bloom Response - SE RUC
WQAP-2022-08-17-01 (BLOOM-RESP)
Date Received: 17-AUG-2022 09:28

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

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

Additional Comments:

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 (2022-06-10 v1)

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

RQ - 2022-08-08-66		Collected By:		Jordan Skaggs, Sabrina Fischer						
Customer:	WQAP	Field Report Prepared By:		Sabrina Fischer						
Project ID:	BLOOM_RESP	Sampling Agency:		SEROCC						
Location: Amelia Earnhart Park - Peregrine Falcon Lake			Comments:							
Field ID: SEHAB0087			Coordinates: 25.88734, -80.27772							
WIN Secondary Resource Type: Lake			Collection Equip: WaterBottle							
WIN ID: SEHAB0087			High Tide Time:		Low Tide Time:					
Matrix:	Fresh	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)
08/16/2022	11:30	105.3	7.81	30.9	8.02	0.3	1.02	1.02	186.7	0.09
Bloom Observations										
Algal Bloom Observed? ☐ Yes ☒ No										
Water Clarity		☒ Clear ☐ Slightly Turbid ☐ Turbid ☐ Opaque ☐ Green ☐ Red ☐ Brown ☐ Other:								
Bloom Color		☐ Planktonic ☐ Filamentous ☐ Other: ☐ Mat ☐ Specks ☐ Scum ☐ Glob								
Algae Type		☐ Surface-Entire ☐ Surf-Localized ☐ Surf-Windblown ☐ Suspended ☐ Benthic ☐ Epiphytic								
Algae Accumulation										
Algae Distribution										
Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group					
Algal ID (PT-50mL)	☐ ALGAL-ID	☐ Ice								
Bloom ID (PT-50mL)	☒ BLOOM-ID	☒ Ice		1	A					
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B					
Toxins (BG-WD250)	☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN	☒ Ice		1	B					
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B					
	Acid Lot: 2145160 Exp: 6/2/23									
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter	☒ Ice		1	B					
	Filter Lot # 17232873									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols								
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time						
Sabrina Fischer	08/16/2022 17:00	1	R	8-17-2022 9:23						



Cyanobacteria Bloom Response Field Data Sheet (2022-06-10 v1)

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

RQ - 2022-08-08-66		Collected By:		Charlie Hoey, Andrew Luering						
Customer:	WQAP	Field Report Prepared By:		Charlie Hoey						
Project ID:	BLOOM_RESP	Sampling Agency:		SEROCC						
Location: Lake Marian Pavilion			Comments: Mostly sunny, 90's. All data R qualified due to significant rain in the last 48 hours.							
Field ID: SEHAB0083			Coordinates: 27.87179, -81.05182							
WIN Secondary Resource Type: Lake			Collection Equip: WaterBottle							
WIN ID: SEHAB0083			High Tide Time:		Low Tide Time:					
Matrix:	Fresh	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)
08/16/2022	10:15	116.5	8.79	30.2	9.07	0.3	0.83	0.3	156.7	0.07
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Clarity		☐ Clear ☐ Slightly Turbid ☒ Turbid ☐ Opaque								
Bloom Color		☒ Green ☐ Red ☐ Brown ☐ Other:								
Algae Type		☒ Planktonic ☐ Filamentous ☐ Other:								
Algae Accumulation		☐ Mat ☒ Specks ☐ Scum ☐ Glob								
Algae Distribution		☐ Surface-Entire ☐ Surf-Localized ☐ Surf-Windblown ☒ Suspended ☐ Benthic ☐ Epiphytic								
Parameter Suite		Parameter Methods		Preservation		pH Check		#Bottles Sent to Lab		Bottle Group
Algal ID (PT-50mL)		☐ ALGAL-ID		☐ Ice						
Bloom ID (PT-50mL)		☒ BLOOM-ID		☒ Ice				1		A
Chlorophyll (BP-1L)		☒ CHLSUITE-W		☒ Ice				1		B
Toxins (BG-WD250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN		☒ Ice				1		B
		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4		☒ <2		1		B
Preserved Nutrients (500mL HDPE)		132121		12/03/2022						
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice		1		B
		Filter Lot # 17441866								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C		☐ Ice ☐ Lugols						
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Charlie Hoey		08/16/2022 16:00		1		✓		8-17-2022 9:28		

Date of Request: 25-JUL-2022
 Created By: SKAGGS_J On: 25-JUL-2022
 Modified By: JASROTIA_P On: 26-JUL-2022
 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: AYRES_J On: 26-JUL-2022
 Biology Request Reviewed By: JASROTIA_P On: 26-JUL-2022
 Sampling Kit Required: YES Ship on: 29-JUL-2022
 Sampling Kit Shipped: YES On: 28-JUL-2022
 Sampling Kit Packed By: GIVENS_G
 Preservatives Needed: YES
 Date to Receive Samples: 09-AUG-2022
 Logged In By: SHAIK_A On: 16-AUG-2022

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
 -4 extra Fedex labels

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 toxin testing, nutrients, and 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 8 Samples:

Bottle Type: PT-50ML	Number of Bottles: 8	Preserved With: ICE
BLOOM-ID	Template: DEFAULT	(SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 8 Samples:

Bottle Type: BP-1L	Number of Bottles: 8	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: 8	Preserved With: ICE
W-MCYST-AA	Template: DEFAULT	(EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
W-SAXTN-MS	Template:	(EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 8	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 Group B (Water) With 8 Samples:

Bottle Type: P-125ML Number of Bottles: 8 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.