

Reaves, Shawn D

From: Rankin, Amelia
Sent: Wednesday, August 24, 2022 11:42 AM
To: Reaves, Shawn D
Cc: Klug, Kyle; Ayres, Joshua; Wright, Colin
Subject: FW: Lake Roger HAB collected 8/22/22 (Orange County)

Hi Shawn,

Is this email enough to edit the Site Location for the BLOOM-RESP sample in WQAP-2022-08-23-01? It should be Lake **Christie**—NE Shore, not Lake Roger.

Let me know if you need anything else from the samplers.

Amelia

From: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>
Sent: Wednesday, August 24, 2022 11:05 AM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Schwartz, Victoria <Victoria.Schwartz@FloridaDEP.gov>
Subject: RE: Lake Roger HAB collected 8/22/22 (Orange County)

If you could, that would be super!

Matthew Bearden
Gen ROC

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Wednesday, August 24, 2022 11:03 AM
To: Schwartz, Victoria <Victoria.Schwartz@FloridaDEP.gov>
Cc: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>
Subject: RE: Lake Roger HAB collected 8/22/22 (Orange County)

Done.

Should we have Receiving change the name in LIMS?

Amelia

From: Schwartz, Victoria <Victoria.Schwartz@FloridaDEP.gov>
Sent: Wednesday, August 24, 2022 9:37 AM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Cc: Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>
Subject: Lake Roger HAB collected 8/22/22 (Orange County)

Hey Amelia!

Can you please change the name of this lake from Lake Roger – NE Shore to Lake Christie - NE Shore on the algal bloom map. It's google maps name was not correct. Thank you!



Victoria Schwartz

Florida Department of Environmental Protection
Division of Environmental Assessment and Restoration
Environmental Specialist
Victoria.Schwartz@FloridaDEP.gov
Office: 407-897-4180

Login Checklist

RQ-2022-07-25-05

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 08/23/22 @ 9:13

*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	
6.3				5		X			5225 5549 1552

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: ☒

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: ☒

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

Yes ☐ No ☐ NA ☒ Init: ☒

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

Coolers Unpacked/Checked by: ☒

Date: 08/23/22 Event contains NCRs (Y/N)? ☒

Algal Bloom Response - CEROC
Event ID: WQAP-2022-08-23-01 (BLOOM-RESP)

Date Received: 22-AUG-2022 12:56

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

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

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: _____



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

RQ - 2022-07-25-05				Collected By:		Terry Riordan, Victoria Schwartz				
Customer:		WQAP		Field Report Prepared By:		Victoria Schwartz				
Project ID:		BLOOM_RESP		Sampling Agency:		CEROC				
Location: Lake Roger - NE Shore				Comments: Sunny. Bright green patches of algae floating on surface with spilled paint appearance. Decaying filamentous algae also present at shoreline & on aquatic vegetation						
Field ID: HABCE0140_LakeRoger				Coordinates:		28.44098, -81.407				
WIN Secondary Resource Type: Lake				Collection Equip:		WaterBottle				
WIN ID:				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 _h)
08/22/2022	12:56	90.1	6.5	32.5	6.88	0.3	1.1	1.1	141.5	0.06
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 (P-125/BG-250)		☒ 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 132275				☒ Ice ☒ H2SO4		☒ <2	1	B
		Acid Lot:				Exp:		12/7/22		
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um Filter		☒ Ice			1	B
				Filter Lot # 17413308						
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped			Received By:		Date/Time	
Victoria Schwartz		08/22/2022 17:00		1			R		8-23-2022 9:18	

Date of Request: 02-JUN-2022
 Created By: BOMAN_L On: 02-JUN-2022
 Modified By: JASROTIA_P On: 07-JUL-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: Central
 Event Description: Algal Bloom Response - CEROC

Send Coolers To:

Phone: 407-897-4181
 3319 Maguire Blvd Ste 232

 Orlando, FL 32803
 Attn: Leif Boman
 Cooler Ship Email: Leif.Boman@FloridaDep.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 06-JUL-2022
 Biology Request Reviewed By: JASROTIA_P On: 07-JUL-2022
 Sampling Kit Required: YES Ship on: 15-JUL-2022
 Sampling Kit Shipped: YES On: 12-JUL-2022
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: NO
 Date to Receive Samples: 25-JUL-2022
 Logged In By: SHAIK_A On: 11-AUG-2022

Send Final Report To:

3319 Maguire Blvd. Suite 232

 Orlando, FL 32803
 Attn: Matt Bearden
 Report Notification Email: Matthew.Bearden@FloridaDEP.gov

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 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: 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: 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