

McCoy, Ian

From: McCoy, Ian
Sent: Monday, February 7, 2022 10:52 AM
To: King, Michael
Cc: Kyle Klug (Kyle.Klug@floridadep.gov)
Subject: Late Cooler Arrival

Good morning, I received RQ-2022-01-17-13 and noticed that it was meant to be received last week. I've logged it in and cancelled the Chlorophyll (past lab viability). I've changed the Microcyst to an overflow sample as per a previous email chain.

Let me know if you'd like anything additional, have a great day!

Ian McCoy
Florida DEP Receiving
Lab Support Staff
Phone - 850-245-8062

RQ- 2022-01-17-13

Login Checklist

Login Station ID: #5

Shipping Method: ~~FEDEX~~ UPS | HD | GreyhoundDate/Time of Receipt: 2/ 7 /22 @ 9:55

*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	
<u>-0.3</u>				<u>5</u>		☒			<u>1214R2178496452800</u>

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 °C (above 10.0 °C 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# 9255

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: KK

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: KK

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

Yes _____ No _____ NA ☒ Init: KK

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

Coolers Unpacked/Checked by: KK/IMDate: 2/ 7 /22Event contains NCRs (Y/N)? Y

Event ID: _____

Algal Bloom Response - NW ROC
WQAP-2022-02-07-01 (BLOOM-RESP)Page 1 of 2, 06/15/2020, Date Received: 07-FEB-2022 09:55

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-19-22
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#0070 EXP:2-23

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: _____



Cyanobacteria Bloom Response Field Data Sheet (2021-08-03 v. BAMF)

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

RQ - 2022-01-17-13		Collected By:		Michael King, Nathan Mulkey, Lauren McNally							
Customer:	WQAP	Field Report Prepared By:		Nathan Mulkey							
Project ID:	BLOOM-RESP	Sampling Agency:		FDEP							
Location (match Survey123):		Comments:									
Anns Bayou (waterbody - site location)		612 S 1st St units 31-35 Ft. Lauderdale 212 Hester 265-427-4008									
Field ID:	HAB_AnnsBayou02032022	Coordinates:		30.37532 - 87.27333							
WIN ID:	NW HAB0011	Collection Equip:		☒ Bottle ☒ Syringe ☐ Pole ☐ Other							
Matrix:	☐ Fresh ☒ Marine	Grab		Tide:	☐ Falling ☒ Slack ☐ N/A						
High Tide Time: 1213 AM Low Tide Time: 0942 AM											
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)	
2/3/2022	916	68.5%	6.05	15.6	7.21	0.3	0.3	0.3	31900	19.93	
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)	☒ OV-TOXN-LC		☒ 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		☒ Ice		1	B			
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C		☐ Ice		Lugols? Y / N						
Relinquished By:		Date/Time		# Coolers Shipped		Received By:		Date/Time			
[Signature]		2/3/22/1600		1		[Signature]					
* AGENCY CODES: DEP South - SD DEP Southeast - SE DEP Central - CE DEP Southwest - SW Cape Coral - CC Collier County - CP											
Lee County - LC South FL Water Management - SFWMD Southwest FL Water Management - SWFWMD St. Johns Water Management - SJWMD											

Date of Request: 27-DEC-2021
 Created By: KING_M On: 27-DEC-2021
 Modified By: KLUG_K On: 03-FEB-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest
 Event Description: Algal Bloom Response - NW ROC

Send Coolers To:

Phone: 850-595-0605
 160 W Government St
 Suite 208
 Pensacola, FL 325602
 Attn: Michael King
 Cooler Ship EMail: michael.king@dep.state.fl.us

Priority: 1
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: KLUG_K On: 03-FEB-2022
 Biology Request Reviewed By: KLUG_K On: 03-FEB-2022
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 05-JAN-2022
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 17-JAN-2022
 Logged In By:

Send Final Report To:

2600 Blair Stone Rd
 MS #6511
 Tallahassee, FL 32399-2400
 Attn: Alicia Hogue
 Report Notification EMail:
 michael.king@dep.state.fl.us;myranda.k.butler@dep.state.fl.us;alicia.hogue@dep.state.fl.us;mary.c.rice@floridadep.gov;david.d.w
 hiting@floridadep.gov;amelia.rankin@floridadep.gov;cheryl.swan
 son@floridadep.gov;joshua.ayres@floridadep.gov

Comments:

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 4 Samples:

Bottle Type: PT-50ML Number of Bottles: 4 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 4 Samples:

Bottle Type: BP-1L Number of Bottles: 4 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: 4 Preserved With: ICE
 W-MCYST-AA Template: (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 4 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: 4 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.