

From: [Hoey, Charlie](#)
To: [Rankin, Amelia](#); [Lab.Receiving](#)
Cc: [Fischer, Sabrina](#); [Skaggs, Jordan](#); [Luering, Andrew](#)
Subject: Re: RQ-2022-08-29-42_12062022_CharlieHoey_CustodySheet
Date: Tuesday, December 6, 2022 3:30:31 PM
Attachments: [image001.png](#)
[Outlook-r4vp1oba.png](#)

Yes, that's correct.

The sample was collected at 10:30AM.

Thanks for catching that!



Charlie Hoey
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Southeast Regional Operation Center
Florida Department of Environmental Protection
Division of Environmental Assessment and Restoration
2199 South Rock Road
Fort Pierce, FL 34945
Charlie.Hoey@floridadep.gov
Office: 772.448.5882 EXT. 75882

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Tuesday, December 6, 2022 3:14 PM
To: Hoey, Charlie <Charlie.Hoey@FloridaDEP.gov>; Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Fischer, Sabrina <Sabrina.Fischer@FloridaDEP.gov>; Skaggs, Jordan <Jordan.Skaggs@FloridaDEP.gov>; Luering, Andrew <Andrew.Luering@FloridaDEP.gov>
Subject: RE: RQ-2022-08-29-42_12062022_CharlieHoey_CustodySheet

Thanks, Charlie.

Was the collection time supposed to be 1030 a.m.? The submittal sheet says 2230.

Amelia

From: Hoey, Charlie <Charlie.Hoey@FloridaDEP.gov>
Sent: Tuesday, December 6, 2022 3:06 PM
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Fischer, Sabrina <Sabrina.Fischer@FloridaDEP.gov>; Skaggs, Jordan <Jordan.Skaggs@FloridaDEP.gov>; Luering, Andrew <Andrew.Luering@FloridaDEP.gov>
Subject: RQ-2022-08-29-42_12062022_CharlieHoey_CustodySheet

Charlie Hoey



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Login Checklist

RQ- 2022-08-29-42

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/7/22 @ 8:22

*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	
1.7				5					5225 5547980

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 X No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes _____ No X

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA X

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No X

Containers intact? Yes X No _____

Caps on tight?

Yes X No _____

Sufficient Sample Volume:

Yes X 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 X Init: C-9

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 X No _____ NA _____ Init: C-9

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

Yes _____ No _____ NA X Init: C-9

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

Coolers Unpacked/Checked by: C-9 Date: 12/7/22 Event contains NCRs (Y/N)? N

Event ID: WQAP-2022-12-07-01 (BLOOM-RESP)
Date Received: 07-DEC-2022 09:27

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	221426058 10/17/23
pH Test Strips 0 – 6	223819AV 08/30/23
pH Paper 0 – 3	NA
pH Paper 0 – 13	210620 4/15/2023
Chlorine Test Strips	0070 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# _____



Cyanobacteria Bloom Response Field Data Sheet (2022-08-15 v1)

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

RQ - 2022-08-29-42		Collected By:		Sabrina Fischer	
Customer:	WQAP	Field Report Prepared By:		Charlie Hoey	
Project ID:	BLOOM_RESP	Sampling Agency:		SEROG	
Location: Coral Gables Canal - East Side			Comments:		
Field ID: SEHAB0090			Coordinates:	25.73673, -80.31144	
WIN Secondary Resource Type: Canal			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 (PPTH)
12/06/2022	22:30	105.6	8.72	25.3	7.72	0.3	1.64	0.6	522	0.25
	10:35	77.7	6.42	24.9	7.53	1.1			525	0.25

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 SA22229010 Acid Lot: Exp: 08/30/2023	☒ Ice ☒ H2SO4	☒ <2	1	B
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter Filter Lot # 17441866	☒ Ice		1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols			

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
Charlie Hoey	12/06/2022 16:00	1	C. Hoey	12-7-22 9:27

Date of Request: 16-AUG-2022
 Created By: SKAGGS_J On: 16-AUG-2022
 Modified By: JASROTIA_P On: 17-AUG-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: 16-AUG-2022
 Biology Request Reviewed By: JASROTIA_P On: 17-AUG-2022
 Sampling Kit Required: YES Ship on: 22-AUG-2022
 Sampling Kit Shipped: YES On: 22-AUG-2022
 Sampling Kit Packed By: ROBERTS_Z
 Preservatives Needed: YES
 Date to Receive Samples: 29-AUG-2022
 Logged In By: SHAIK_A On: 06-DEC-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.luerling@floridadep.gov

Comments: **Please send:
 -4 full-size coolers
 -2 boxes nitric
 -2 boxes sulfuric
 -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-AB18) 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: P-125ML	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: DEFAULT	(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

Bottle Group B (Water) With 8 Samples:

Bottle Type: P-500ML	Number of Bottles: 8	Preserved With: ICE And H2SO4
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
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.