

From: [Jaeger, Monica](#)
To: [Klug, Kyle](#); [Reistad, Nicole](#)
Cc: [Gelinas, Samantha](#)
Subject: Re: Emailing: RQ-2023-07-24-40_HAB-SD-040324-0840_04032024, 2023-07-24-40_HAB-SD-040324-0915_04032024
Date: Friday, April 5, 2024 9:26:57 AM
Attachments: [2023-07-24-40_FB_04032024_04032024.pdf](#)

Hey Kyle,
Attached is the field blank

Thank you,
Monica

Get [Outlook for iOS](#)

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Friday, April 5, 2024 9:17:28 AM
To: Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Cc: Jaeger, Monica <Monica.Jaeger@FloridaDEP.gov>; Gelinas, Samantha <Samantha.Gelinas@FloridaDEP.gov>
Subject: RE: Emailing: RQ-2023-07-24-40_HAB-SD-040324-0840_04032024, 2023-07-24-40_HAB-SD-040324-0915_04032024

Good morning,

Will you please send a submittal form for the blank that was collected with this RQ as soon as possible? The login needs to be authorized today.

Thank you,
Kyle

-----Original Message-----

From: Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Sent: Wednesday, April 3, 2024 4:45 PM
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Jaeger, Monica <Monica.Jaeger@FloridaDEP.gov>; Gelinas, Samantha <Samantha.Gelinas@FloridaDEP.gov>
Subject: Emailing: RQ-2023-07-24-40_HAB-SD-040324-0840_04032024, 2023-07-24-40_HAB-SD-040324-0915_04032024

Your message is ready to be sent with the following file or link attachments:

2023-07-24-40_HAB-SD-040324-0840_04032024
2023-07-24-40_HAB-SD-040324-0915_04032024

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Login Checklist

RQ-2023-07-24-40

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4/3/2024 @ 08:51 8

*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	
-0.4				12		X			728166288425

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/ FieldSheet(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 _____ 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: TL

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: TL

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

Yes _____ No _____ NA X Init: TL

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

Coolers Unpacked/Checked by: TL

Date: 4/3/2024 Event contains NCRs (Y/N)? N

EventID: SO-DIST-2024-04-04-02

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Infrared Thermometer ID:	IR TEMP GUN #4 Exp:10/16/2024
pH Test Strips 0 – 6	LOT# 223819BV Exp: AUG 15, 2024
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT# 207621 Exp: March 15, 2024
Chlorine Test Strips	LOT# 3180A Exp: April 2026

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# _____



Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

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

RQ - 2023-07-24-40		Collected By:		Nicole Reistad, Monica Jaeger, Samantha Gelinas						
Customer: SO DIST		Field Report Prepared By:		Nicole Reistad						
Project ID: BLOOM_RESP		Sampling Agency:		SOROC						
Location: Caloosahatchee River - Davis Boat Ramp			Comments:							
Field ID: HAB-SD-040324-0840			Coordinates: 26.71153, -81.75319							
WIN Secondary Resource Type: River/Stream			Collection Equip: WaterBottle							
WIN ID: HAB-SD-0118			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)
04/03/2024	08:40	89.9	7.44	25.2	6.87	0.3	2.8	0.8	446.5	0.21
	08:42	39.4	3.22	24.8	6.94	2.3			451.3	0.22
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	
Algae (PT-50mL)		☐ ALGAL-ID ☒ 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	
Physical/Aggregate		☒ W-COLOR		☒ Ice				1	B	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP		☒ Ice ☒ H2SO4		☒ <2		1	B	
		SA3340020		12/11/2024						
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F ☒ Field Filtered 0.45µm Filter		☒ Ice				1	B	
		Filter Lot # 18119387								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C		☐ Ice ☐ Lugols						
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Nicole Reistad		04/03/2024 15:00		2		TL		4/4/24 @ 08:51		



Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

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

RQ - 2023-07-24-40		Collected By:		Nicole Reistad, Monica Jaeger, Samantha Gelinas						
Customer:	SO DIST	Field Report Prepared By:		Nicole Reistad						
Project ID:	BLOOM_RESP	Sampling Agency:		SOROC						
Location: Caloosahatchee River - Telegraph Creek			Comments:							
Field ID: HAB-SD-040324-0915			Coordinates: 26.73051, -81.70171							
WIN Secondary Resource Type: River/Stream			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)
04/03/2024	09:15	63.8	5.4	23.6	7.07	0.25	0.5	0.5	465.3	0.22
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		
Algae (PT-50mL)	☐ ALGAL-ID ☒ 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		
Physical/Aggregate	☒ W-COLOR			☒ Ice			1	B		
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP			☒ Ice ☒ H2SO4		☐ <2	1	B		
	SA3340020 Acid Lot:			Exp:						
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter			☒ Ice			1	B		
	Filter Lot # 18119387									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C			☐ Ice ☐ Lugols						
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:		Date/Time				
Nicole Reistad	04/03/2024 15:00	2		TL		4/4/24 @ 08:51				



Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

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

RQ - 2023-07-24-40			Collected By:		Nicole Reistad, Monica Jaeger, Samantha Gelinas						
Customer:	SO DIST		Field Report Prepared By:		Nicole Reistad						
Project ID:	BLOOM_RESP		Sampling Agency:		SOROC						
Location: Caloosahatchee River - Davis Boat Ramp			Comments: 04/03/2024 08:50 ET DISource: In house RODI DILocation: Field Container ID/Type: Moto Moto / Carboy								
Field ID: FB_04032024			Coordinates:								
WIN Secondary Resource Type:			Collection Equip:								
WIN ID:			High Tide Time:				Low Tide Time:				
Matrix:	Field Blank		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)	
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	
Algae (PT-50mL)		☐ ALGAL-ID ☐ BLOOM-ID				☐ Ice					
Chlorophyll (BP-1L)		☐ CHLSUITE-W				☐ Ice					
Toxins (P-125/BG-250)		☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN				☒ Ice			1	C	
Physical/Aggregate		☐ W-COLOR				☐ Ice					
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP SA3340020 Acid Lot: Exp: 12/11/2024				☐ Ice ☒ H2SO4		☐ <2	1	C	
Filtered Nutrients (P125mL)		☒ W-PO4-F ☒ Field Filtered 0.45um Filter Filter Lot # 18119387				☒ Ice			1	C	
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols					
Relinquished By:		Date/Time		Number of Coolers Shipped			Received By:		Date/Time		
Nicole Reistad		04/03/2024 15:00		2							

Date of Request: 10-JUL-2023
Created By: BARRINGT_J On: 10-JUL-2023
Modified By: AYRES_J On: 10-JUL-2023
Customer: SO-DIST
Project: BLOOM-RESP
Division:
District: South District
Event Description: Algal Bloom Response -SOROC

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
FLDEP South District Office
2295 Victoria Ave. Suite 314
Fort Myers, FL 33901-3381
Attn: John Barrington
Cooler Ship EMail: john.barrington@floridadep.gov

Priority: 1
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 10-JUL-2023
Biology Request Reviewed By: AYRES_J On: 10-JUL-2023
Sampling Kit Required: YES Ship on: 17-JUL-2023
Sampling Kit Shipped: YES On: 14-JUL-2023
Sampling Kit Packed By: PENDLETO_C
Preservatives Needed: YES
Date to Receive Samples: 24-JUL-2023
Logged In By: LEBRUN_T On: 04-APR-2024

Send Final Report To:

FLDEP South District Office
2295 Victoria Ave. Suite 314
Fort Myers, FL 33901-3381
Attn: John Barrington
Report Notification EMail:
Cheryl.Swanson@dep.state.fl.us;Nicole.Reistad@floridadep.gov;
John.Barrington@floridadep.gov;Gary.Snorek@dep.state.fl.us;Th
omas.Baker@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 toxins, nutrients, chlorophyll, color

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 ship with minimum of 2 coolers

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 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML Number of Bottles: 8 Preserved With: ICE
W-COLOR Template: DEFAULT (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)

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
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.