

RQ- 2023-08-07-58 ⁵⁵

Login Checklist

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 09/7/23 @ 0955

*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	
3.9				2018 ¹²		x			585947316573

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# 10057

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 ✓ Init: BKK

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: BKK/1111

**W-1-4-DIOX (Green dot on container) preserved to pH< 4.0? Yes _____ No _____ NA ✓ Init: BKK

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

Coolers Unpacked/Checked by: BKK/1111 Date: 09/7/23 Event contains NCRs(Y/N)? Y

EventID: Algal Bloom Response -SOROC
SO-DIST-2023-09-07-01 (BLOOM-RESP)
Date Received: 07-SEP-2023 09:55

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Infrared Thermometer ID:	IR TEMP GUN #3 Exp:10/17/2023
pH Test Strips 0 – 6	Lot#223819BV Exp:8/15/24
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 Exp:3/15/24
Chlorine Test Strips	Lot#3032 Exp:8/25

Additional Comments:

y H CHW MHA 9/7/23 10:04

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# _____

Sananda Bates
9/7/23 10:20am



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

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

RQ - 2023-08-07-55		Collected By:	John Barrington, Nicole Reistad							
Customer:	SO-DIST	Field Report Prepared By:	John Barrington							
Project ID:	BLOOM_RESP	Sampling Agency:	SOROC							
Location: Caloosahatchee River - End of Coon Rd		Comments: No apparent bloom at time of visit								
Field ID: HAB-SD-090523-1035		Coordinates:	26.68496, -81.85042							
WIN Secondary Resource Type: Canal		Collection Equip:	WaterBottle							
WIN ID: HAB-SD-0148		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)
09/05/2023	10:35	66.1	5.01	29.5	7.11	0.3	0.8	0.7	2089	1.05
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			
	SA3013020		1/25/24							
	Acid Lot:		Exp:							
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45um Filter		☒ Ice	1	B			
			Filter Lot # 17589311							
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C		☐ Ice	☐ Lugols						
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:	Date/Time					
Nicole Reistad	09/05/2023 15:00	2			9/7/2023 0955					



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

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RQ - RQ-2023-08-07-55		Collected By:		John Barrington, Nicole Reistad						
Customer:	SO-DIST	Field Report Prepared By:		John Barrington						
Project ID:	BLOOM_RESP	Sampling Agency:		SOROC						
Location: Caloosahatchee River - Fort Myers Shores			Comments: No apparent bloom at of visit							
Field ID: HAB-SD-090523-1110			Coordinates: 26.71525, -81.73940							
WIN Secondary Resource Type: Canal			Collection Equip: WaterBottle							
WIN ID: HAB-SD-0139			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)
09/05/2023	11:10	65.6	4.91	30.4	7.17	0.3	0.8	0.7	1103	0.54
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	
	SA3013020				1/25/24					
	Acid Lot:				Exp:					
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter				☒ Ice			1	B	
	Filter Lot # 17589311									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols					
Relinquished By:	Date/Time		Number of Coolers Shipped			Received By:		Date/Time		
Nicole Reistad	09/05/2023 15:00		2			[Signature]		9/7/2023 0955		



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

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

RQ - RQ-2023-08-07-55		Collected By:		John Barrington, Nicole Reistad						
Customer:	SO-DIST	Field Report Prepared By:		John Barrington						
Project ID:	BLOOM_RESP	Sampling Agency:		SOROC						
Location: Caloosahatchee River - N of Loftons Island				Comments: No apparent bloom at time of visit						
Field ID: HAB-SD-090523-1010				Coordinates: 26.65432, -81.87993						
WIN Secondary Resource Type: Estuary				Collection Equip: WaterBottle						
WIN ID: HAB-SD-0145				High Tide Time: Low Tide Time:						
Matrix:	Marine	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)
09/05/2023	10:10	88	6.68	29	7.32	0.3	0.6	0.6	4463	2.35
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		
	SA3013020				1/25/24					
	Acid Lot:		Exp:							
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45um Filter		☒ Ice		1	B		
			Filter Lot # 17589311							
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols					
Relinquished By:	Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
Nicole Reistad	09/05/2023 15:00		2		ARR		9/7/2023 0955			

Date of Request: 10-JUL-2023
 Created By: BARRINGT_J On: 10-JUL-2023
 Modified By: AYRES_J On: 19-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: 19-JUL-2023
 Biology Request Reviewed By: SWANSON_C On: 14-JUL-2023
 Sampling Kit Required: YES Ship on: 02-AUG-2023
 Sampling Kit Shipped: YES On: 31-JUL-2023
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: YES
 Date to Receive Samples: 07-AUG-2023
 Logged In By: KREUCH_B On: 07-SEP-2023

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.