

Login Checklist

RQ- 2022-04-26-31

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 02/22/2023 @ 0920

*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	
1.3				18		X			58594294325
						X			
						X			
						X			
						X			
						X			

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 _____ 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: BKK

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: BKK

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: BKK

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

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

Coolers Unpacked/Checked by: BKK

Date: 02/22/2023

Event contains NCRs (Y/N)? N

Event ID: Algal Bloom Response -SOROC
WQAP-2023-02-22-02 (BLOOM-RESP)
Date Received: 22-FEB-2023 09:20

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #3 Exp:10/17/2023
pH Test Strips 0 – 6	Lot#223819AV Exp:8/30/23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 Exp:3/15/24
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# _____



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

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

RQ - 2022-09-26-31		Collected By:		John Barrington, Monica Jaeger	
Customer: WQMP		Field Report Prepared By:		Monica Jaeger	
Project ID: BLOOM_RESP		Sampling Agency:		SOROC	
Location: Blue Lake			Comments:		
Field ID: HAB-SD-022123-1150			Coordinates: 27.31484, -81.35885		
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)
02/21/2023	11:50	117.4	10.02	23.3	7.73	0.3	1.2	1.2	163.4	0.08

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 SA2299040 Acid Lot: Exp:	☒ Ice ☒ H2SO4	☒ <2	1	B
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter Filter Lot # 17589311	☒ 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
Monica Jaeger	02/21/2023 16:00	1	<i>[Signature]</i>	2/23/23 0920



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

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RQ - 2022-09-26-31		Collected By:		John Barrington, Monica Jaeger						
Customer:	DEP-SOROC	Field Report Prepared By:		Monica Jaeger						
Project ID:	BLOOM_RESP	Sampling Agency:		SOROC						
Location: Lake Glenada			Comments:							
Field ID: HAB-SD-022123-1050			Coordinates: 27.56336, -81.51161							
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)
02/21/2023	10:50	87	7.68	21.6	7	0.3	1.5	0.6	164.5	0.08
	10:57	82.4	7.3	21.4	7.05	1			164.5	0.08
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 SA2299040					☒ Ice ☒ H2SO4	☒ <2	1	B	
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter Filter Lot # 17589311					☒ 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			
Monica Jaeger	02/21/2023 16:00	1				<i>[Signature]</i>	2/22/23 0920			



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

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RQ - 2022-09-26-31		Collected By:		John Barrington, Monica Jaeger						
Customer:	WQMP	Field Report Prepared By:		Monica Jaeger						
Project ID:	BLOOM_RESP	Sampling Agency:		SOROC						
Location: Lake Placid			Comments:							
Field ID: HAB-SD-022123-1215			Coordinates: 27.25247, -81.37744							
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)
02/21/2023	12:15	103.1	9.11	22.5	7.66	0.3	1.4	1	140.1	0.07
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				☒ Ice	☒ H2SO4	☒ <2	1 B		
	SA2299040				11/04/23					
Filtered Nutrients (P125mL)	Acid Lot:				Exp:					
	☒ 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			
Monica Jaeger	02/21/2023 16:00		1				2/22/23 0920			



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

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

RQ - 2022-09-26-31		Collected By:		John Barrington, Monica Jaeger						
Customer:	DEP-SOROC	Field Report Prepared By:		Monica Jaeger						
Project ID:	BLOOM_RESP	Sampling Agency:		SOROC						
Location: Lake Glenada			Comments: 02/21/2023 11:05 ET DISource: In house lab DILocation: Fort Myers Container ID/Type: Short round / Carboy							
Field ID: FB_02212023			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	
Algal ID (PT-50mL)		☐ ALGAL-ID			☐ Ice					
Bloom ID (PT-50mL)		☐ 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	
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP SA2299040 Acid Lot: Exp:			☒ Ice ☒ H2SO4		☐ <2	1	C	
Filtered Nutrients (P125mL)		☒ W-PO4-F Filter Lot # 17589311			☒ 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		
Monica Jaeger		02/21/2023 16:00		1		BK		2/22/23 0920		

Date of Request: 15-SEP-2022
 Created By: BARRINGT_J On: 15-SEP-2022
 Modified By: AYRES_J On: 21-SEP-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: SOROC
 Event Description: Algal Bloom Response -SOROC

Send Coolers To:

Phone: 239-344-5720
 2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: John Barrington
 Cooler Ship EMail: john.barrington@floridadep.gov

Priority: 1
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 21-SEP-2022
 Biology Request Reviewed By: SWANSON_C On: 20-SEP-2022
 Sampling Kit Required: YES Ship on: 27-SEP-2022
 Sampling Kit Shipped: YES On: 27-SEP-2022
 Sampling Kit Packed By: PENDLETO_C
 Preservatives Needed: NO
 Date to Receive Samples: 26-SEP-2022
 Logged In By:

Send Final Report To:

2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: John Barrington
 Report Notification EMail:
 kalina.warren@dep.state.fl.us; Cheryl.Swanson@dep.state.fl.us; Nicole.Reistad@floridadep.gov; John.Barrington@floridadep.gov; Gary.Snorek@dep.state.fl.us

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,

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-AB18) 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: P-125ML	Number of Bottles: 4	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: 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.