

Login Checklist

RQ- 2023-06-05-65

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/22/23 @ 0922

*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		
0.6 1.2				10 15		X		585947364656 585947364645	
						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: 6/22/23

Event contains NCRs (Y/N)? N

Event ID: Algal Bloom Response -SOROC
WQAP-2023-06-22-01 (BLOOM-RESP)
Date Received: 22-JUN-2023 09:22

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 1196 exp 02/24

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 - 2023-06-05-65		Collected By:		Gary Snorek, Monica Jaeger						
Customer: SO-DIST		Field Report Prepared By:		Gary Snorek						
Project ID: BLOOM_RESP		Sampling Agency:		SOROC						
Location: Lake Aphorpe - boat ramp				Comments:						
Field ID: Hab-sd-062123-1200				Coordinates: 27.34185, -81.36358						
WIN Secondary Resource Type: Lake				Collection Equip: WaterBottle						
WIN ID:				High Tide Time:						
Matrix: Fresh				Low Tide Time:						
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)
06/21/2023	12:00	90.1	6.95	28.9	7.66	0.3	2.4	1.4	224.4	0.1
	12:11	87	6.7	28.9	7.57	1.9			224.5	0.1
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				
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP				☒ Ice ☐ H2SO4 ☐ <2			1	B
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F ☐ Field Filtered 0.45um Filter				☒ Ice			1	B
		Filter Lot #								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Gary snorek		06/21/2023 12:17		1		BAK		6/22/23 0922		



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RQ - 2023-06-05-65		Collected By:		Gary Snorek, Monica Jaeger						
Customer: SO-DIST		Field Report Prepared By:		Gary snorek						
Project ID: BLOOM_RESP		Sampling Agency:		SOROC						
Location: Lake istakpoga near c410				Comments:						
Field ID: Hab-sd-062123-1300				Coordinates: 27.33472, -81.25507						
WIN Secondary Resource Type: Lake				Collection Equip: WaterBottle						
WIN ID:				High 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)
06/21/2023	13:00	125.1	9.87	27.6	9.19	0.3	1.3	0.6	157.7	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			
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						
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP			☒ Ice ☒ H2SO4	☐ <2	1	B			
	3013020			01/25/24						
	Acid Lot:			Exp:						
Filtered Nutrients (P125mL)	☒ W-PO4-F			☒ Field Filtered 0.45um Filter		☒ Ice	1	B		
				Filter Lot # 17347262						
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C			☐ Ice	☐ Lugols					
Relinquished By:	Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
Gary snorek	06/21/2023 16:00		1				6/22/23 0922			



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

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RQ - 2023-06-05-65		Collected By:		Gary Snorek, Monica Jaeger						
Customer:	SO-DIST	Field Report Prepared By:		Gary snorek						
Project ID:	BLOOM_RESP	Sampling Agency:		SOROC						
Location: Blue lake- western shore			Comments:							
Field ID: Hab-Sd-062123-1130			Coordinates: 27.31478, -81.35884							
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 (PPTH)
06/21/2023	11:30	106.9	8	30.2	8.1	0.2	0.4	0.4	167.6	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		
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						
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP			☒ Ice ☒ H2SO4		☐ <2	1	B		
	3013020			01/25/24						
	Acid Lot:			Exp:						
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um Filter			☒ Ice			1	B		
	Filter Lot # 17347262									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C			☐ Ice ☐ Lugols						
Relinquished By:	Date/Time		Number of Coolers Shipped		Received By:		Date/Time			
Gary snorek	06/21/2023 16:00		1				6/22/23 0922			



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RQ - 2023-06-05-65		Collected By:		Gary Snorek, Monica Jaeger						
Customer:	SO-DIST	Field Report Prepared By:		Gary snorek						
Project ID:	BLOOM_RESP	Sampling Agency:		SOROC						
Location: Caloosahatchee river- fort myers shores			Comments:							
Field ID: Hab-sd-062123-0955			Coordinates: 26.71527, -81.73943							
WIN Secondary Resource Type: River/Stream			Collection Equip: WaterBottle							
WIN ID:			High Tide Time: 08:07		Low Tide Time: 11:20					
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)
06/21/2023	09:55	73.5	5.5	30.5	7.68	0.3	0.8	0.8	475.5	0.23
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			
ChlorophyllII (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						
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP			☒ Ice ☒ H2SO4	☐ <2	1	B			
	3013020			01/25/24						
	Acid Lot:			Exp:						
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um Filter			☒ Ice		1	B			
	Filter Lot # 17347262									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C			☐ Ice ☐ Lugols						
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:	Date/Time					
Gary Snorek	06/21/2023 16:00	1			6/22/23 0922					



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RQ - 2023-06-05-65		Collected By:		Gary Snorek, Monica Jaeger						
Customer: So-dist		Field Report Prepared By:		Gary snorek						
Project ID: BLOOM_RESP		Sampling Agency:		SOROC						
Location: Caloosahatchee - west first st. And altamont			Comments: Flecks in water							
Field ID: Hab-sd-062123-0900			Coordinates: 26.63937, -81.87943							
WIN Secondary Resource Type: River/Stream			Collection Equip: WaterBottle							
WIN ID:			High Tide Time: 08:07		Low Tide Time: 11:44					
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)
06/21/2023	09:00	78.5	6.04	28.7	7.76	0.3	0.7	0.7	605	0.29
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						
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4		☐ <2		1		B
		SA3013020		01/25/24						
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice		1		B
				Filter Lot # 17347262						
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C		☐ Ice		☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Gary snorek		06/21/2023 04:00		1		Balkcom		6/22/23 0922		

Date of Request: 23-MAY-2023
 Created By: BARRINGT_J On: 23-MAY-2023
 Modified By: JASROTIA_P On: 24-MAY-2023
 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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 24-MAY-2023
 Biology Request Reviewed By: JASROTIA_P On: 24-MAY-2023
 Sampling Kit Required: YES Ship on: 31-MAY-2023
 Sampling Kit Shipped: YES On: 26-MAY-2023
 Sampling Kit Packed By: LEBRUN_T
 Preservatives Needed: YES
 Date to Receive Samples: 05-JUN-2023
 Logged In By: KLUG_K On: 20-JUN-2023

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 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-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.