

Login Checklist

RQ- **2022 - 04 - 25 - 47**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **05/04/2022 / 09:30**

*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	
1.9C				2		X			9293 8010 3262

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: **ABS /**

Chlorine detected? (One container checked per Field ID) Yes _____ No **X** Init: **ABS /**

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 **X** Init: **ABS /**

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

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

Coolers Unpacked/Checked by: **ABS /** Date: **05/05/2022** Event contains NCRs (Y/N)? **N**

Event ID: **WQAP - 2022 - 05 - 05 - 02**

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:10/19/2022
pH Test Strips 0 – 6	LOT#223819AV EXP:8/30/2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT 207621 EXP:3/15/2024
Chlorine Test Strips	0064/10/15/05 abs 0070 / 2023 / 02

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ Init: ABS

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# _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____



Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

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

RQ- 2022-04-25-47		Collected By: John Barrington								
Customer: FDEP		Field Report Prepared By: William Muller								
Project ID: HAB Resp		Sampling Agency: FDEP DEAR SOROC								
Location: Lemon Bay - Indica Mound Park Boat Ramp		Comments: OV- TKN-2C 1 sample Bottle group B Detached, wind blown decaying algae								
Field ID: HAB-SD-050322-0946		Coordinates: 26.9575007, -82.3635411								
WIN ID: HAB-SD-067		Collection Equip: Bottle								
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)
05/03/22	0946	34.4	2.23	27.4	6.62	0.3	0.6	0.6	54794	36.22
Bloom Observations										
Algal Bloom Observed?		☒ Yes ☐ No								
Water Surface	☒ Clear	☐ Scum	☐ Globs	☐ Slick						
Water Clarity	☐ Clear	☒ Slightly Turbid	☐ Turbid	☐ Opaque						
Bloom Color	☐ Green	☐ Red	☒ Brown	☐ Other: _____	☐ N/A					
Algae Distribution	☐ Suspended in water column	☒ On surface	☒ Other: Bottom	☐ N/A						
Water Odors	☐ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	☒ Other: <u>Decaying</u>					
Parameter Suite	Parameter Methods		Preservation	pH Check	#Bottles Sent to Lab	Bottle Group				
Bloom ID (PT-50mL)	☒ BLOOM-ID		☒ Ice		1	A				
Chlorophyll (BP-1L)	☐ CHLSUITE-W		☐ Ice							
Toxins (BG-WD250)	☐ W-MCYST-AA		☐ Ice							
Preserved Nutrients (500mL HDPE)	☐ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☐ Ice	☐ H2SO4	☐ <2					
	Acid Lot: _____		Exp: _____							
Filtered Nutrients (P125mL)	☐ W-PO4-F	☐ Field Filtered 0.45µm Filter		☐ Ice						
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C		☐ Ice	Lugols? Y / N						
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:		Date/Time				
William Muller	05/03/2022 1100	1		ABZ		5/5/22 / 0220				

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WQAP

Requester: Amelia G. Rankin

Field Report Prepared By: William Miller

Project ID: BLOOM-RESP

Collected By: John Barrington

Sampling Agency:

Location	Lemon Bay - Indian Mound Park Boat Ramp		☐ Comp	Collection (comp begin or grab)	Time	Eastern	Composite end	Bottle
Field ID	HAB-SD-050322-0940		☒ Grab	Date 8/5/2022	Time 0940	Central	Date	Group(s)
WIN/STORET #	HAB-SD-067		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	(See pg 2)
Latitude	dd	Longitude	Temp (C) 27.4		pH 6.2	Sample Depth 6.3	Sp. Conductance (umho/cm) 54794	A
Location	26.9575007		☐ dd	Salinity (ppt) 36.22		Comments		B
Field ID	26.9575007		☐ dd	Collection (comp begin or grab)		Time		
WIN/STORET #			☐ dd	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		
Latitude	dd	Longitude	Temp (C)		pH	Sample Depth	Sp. Conductance (umho/cm)	
Location			☐ dd	Salinity (ppt)		Comments		
Field ID			☐ dd	Collection (comp begin or grab)		Time		
WIN/STORET #			☐ dd	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		
Latitude	dd	Longitude	Temp (C)		pH	Sample Depth	Sp. Conductance (umho/cm)	
Location			☐ dd	Salinity (ppt)		Comments		
Field ID			☐ dd	Collection (comp begin or grab)		Time		
WIN/STORET #			☐ dd	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		
Latitude	dd	Longitude	Temp (C)		pH	Sample Depth	Sp. Conductance (umho/cm)	
Location			☐ dd	Salinity (ppt)		Comments		
Field ID			☐ dd	Collection (comp begin or grab)		Time		
WIN/STORET #			☐ dd	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		
Latitude	dd	Longitude	Temp (C)		pH	Sample Depth	Sp. Conductance (umho/cm)	
Location			☐ dd	Salinity (ppt)		Comments		

Relinquished By: William Miller	Date/Time 05/03/22 1100	Shipping Method F-085x	Number of Coolers Shipped: 1	Received By: A.SHAIK	Date/Time 05/05/2022 - 0930
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Group: A	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: OV-TOXN-LC	BG-250ML-WDMT H	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-MCYST-AA	BG-250ML-WDMT H	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 4	Preservative: FILTER-ICE	ICE	Enter Number of Bottles Sent to Lab	0

Date of Request: 22-APR-2022
 Created By: RANKIN_A On: 22-APR-2022
 Modified By: JASROTIA_P On: 25-APR-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division:
 District:
 Event Description: Algal Bloom Response - SOROC

Send Coolers To:

Phone: 239-344-5719
 2295 Victoria Ave
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe
 Cooler Ship EMail: Kirby.Wolfe@FloridaDEP.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 22-APR-2022
 Biology Request Reviewed By: JASROTIA_P On: 25-APR-2022
 Sampling Kit Required: YES Ship on: 29-APR-2022
 Sampling Kit Shipped: YES On: 29-APR-2022
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 25-APR-2022
 Logged In By: SHAIK_A On: 05-MAY-2022

Send Final Report To:

2295 Victoria Ave
 Suite 36
 Fort Myers, FL 33901
 Attn: Kirby Wolfe
 Report Notification EMail:
 kirby.wolfe@floridadep.gov; Kalina.Warren@dep.state.fl.us; Chery
 I.Swanson@FloridaDEP.gov; Nicole.Reistad@FloridaDEP.gov; Jo
 hn.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-AB05) 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: BG-250ML-WDMTH	Number of Bottles: 4	Preserved With: ICE
OV-TOXN-LC	Template: DEFAULT	(SOP 67 (Greenwater)) Algal Dermatotoxins by LC/MS/MS using Greenwater Laboratory
Bottle Type: BG-250ML-WDMTH	Number of Bottles: 4	Preserved With: ICE
W-MCYST-AA	Template: DEFAULT	(EPA 8321B) Microcystins 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.

