

Login Checklist

RQ- 2022 - 06 - 27 - 47

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **09/09/2022 / 09:21**[illegible]

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 ☒ Evidence Tape intact? Yes ☐ No ☐

If Criminal, photographs taken? Yes ☐ No ☐ Containers intact? Yes ☒ 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 _____ 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 _____ 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: **09/09/2022** Event contains NCRs (Y/N)? **N**

Event ID: **WQAP - 2022 - 09 - 09 - 02**

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
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	0264/100005 abs 0070 / 2023 / 02

Additional Comments:

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 (2022-08-15 v1)

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

RQ - 2022-06-27-47		Collected By:		John Barrington						
Customer: WQAP		Field Report Prepared By:		John Barrington						
Project ID: BLOOM_RESP		Sampling Agency:		SOROC						
Location: Caloosahatchee - Waterway Estates Entrance			Comments: Green flecks of planktonic algae throughout water column. Canal entrance to Waterway Estates							
Field ID: HAB-SD-090822-1200			Coordinates: 26.64399, -81.90811							
WIN Secondary Resource Type: Canal			Collection Equip: WaterBottle							
WIN ID:			High Tide Time: 14:52		Low Tide Time: 08:22					
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)
09/08/2022	12:00	75.3	5.62	30.3	7.66	0.3	2	1	2494	1.27
	12:02	70.4	5.24	29.9	7.61	1.5			2835	1.46
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
		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4		☒ <2		1		B
Preserved Nutrients (500mL HDPE)		2145160		6/2/23						
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice		1		B
				Filter Lot # 17441866						
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C		☐ Ice		☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
John Barrington		09/08/2022 13:00		1		A.SHAIK		09/09/2022 / 09:21		

3 MC
samples
9/9/2022
8:11 AM.



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

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RQ - 2022-06-27-47		Collected By:		John Barrington						
Customer: WQAP		Field Report Prepared By:		John Barrington						
Project ID: BLOOM_RESP		Sampling Agency:		SOROC						
Location: Caloosahatchee- Waterway Estates Deadend			Comments: Windblown scum at edge of canal, bloom throughout water and canal system. Sample taken at edge of scum.							
Field ID: HAB-SD-090822-1101			Coordinates: 26.64471, -81.91450							
WIN Secondary Resource Type: Canal			Collection Equip: WaterBottle							
WIN ID:			High Tide Time: 14:52		Low Tide Time: 08:22					
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)
09/08/2022	11:01	197.4	14.4	31.9	8.59	0.3	0.7	0.3	3703	1.93
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		AB + 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
		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4		☒ <2		1		B
Preserved Nutrients (500mL HDPE)		2145160		6/2/23						
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45µm Filter		☒ Ice		1		B
		Filter Lot # 17441866								
Quantitative Algae		☒ DTY-QN-C / PKD-QN-C		☒ Ice		☐ Lugols		1		B
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
John Barrington		09/08/2022 13:00		1		A.SHAIK		09/09/2022 / 09:21		



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

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

RQ - 2022-06-27-47		Collected By:		John Barrington						
Customer: WQAP		Field Report Prepared By:		John Barrington						
Project ID: BLOOM_RESP		Sampling Agency:		SOROC						
Location: Caloosahatchee - Waterway Estates Entrance			Comments: 09/08/2022 12:10 ET DISource: SOROC DILocation: SOROC Container ID/Type: MOTO MOTO / CARBOY							
Field ID: FB_09082022			Coordinates:							
WIN Secondary Resource Type:			Collection Equip:							
WIN ID:			High Tide Time: 14:52		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 (PPT)
9/8	12:10									
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
		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4 ☐ <2		1		C		
Preserved Nutrients (500mL HDPE)		2145160		6/2/23						
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F ☒ Field Filtered 0.45µm Filter		☒ Ice				1		C
		Filter Lot # 1363442								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C		☐ Ice ☐ Lugols						
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
John Barrington		09/08/2022 13:00		1		A.SHAIK		09/09/2022 / 09:21		

From Sample. Agg 9/9/22

Date of Request: 15-JUN-2022
 Created By: WOLFE_K On: 15-JUN-2022
 Modified By: JASROTIA_P On: 16-JUN-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: SROC
 Event Description: Algal Bloom Response -SOROC

Send Coolers To:

Phone: 850-245-8416
 2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe
 Cooler Ship EMail: kirby.wolfe@dep.state.fl.us

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 16-JUN-2022
 Biology Request Reviewed By: JASROTIA_P On: 16-JUN-2022
 Sampling Kit Required: YES Ship on: 21-JUN-2022
 Sampling Kit Shipped: YES On: 24-JUN-2022
 Sampling Kit Packed By: ROBERTS_Z
 Preservatives Needed: NO
 Date to Receive Samples: 27-JUN-2022
 Logged In By: SHAIK_A On: 09-SEP-2022

Send Final Report To:

2295 Victoria AVE
 Suite 364
 Fort Myers, FL 33901
 Attn: Kirby Wolfe
 Report Notification EMail:
 kirby.wolfe@floridadep.gov;kalina.warren@dep.state.fl.us;Cheryl.
 Swanson@dep.state.fl.us;Nicole.Reistad@floridadep.gov;John.B
 arrington@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,

Bottle Group C - Priority 1
 Blank for toxins and nutrients

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 2 Samples:

Bottle Type: PT-50ML Number of Bottles: 2 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 2 Samples:

Bottle Type: BP-1L Number of Bottles: 2 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: 2 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: 2 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: 2 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

Bottle Group C (Water) With 2 Samples:

Bottle Type: BG-250ML-WDMTH	Number of Bottles: 2	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: 2	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: 2	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.