

Login Checklist

RQ-2024-03-25-54

Login Station ID: #3

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 4/19/2024 @ 9:01

*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	
1.2				18		X			72816630 2477

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 ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ☐ No ☒

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 ☒ No ☐

Sufficient Sample Volume:

Yes ☒ 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: MB

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: MB

**W-1-4-DIOX (Green dot on container) preserved to pH<4.0?

Yes ☐ No ☐ NA ☒ Init: MB

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

Coolers Unpacked/Checked by: MB

Date: 4/19/2024

Event contains NCRs(Y/N)? N

Algal Bloom Response - SWD

EventID: SW-DIST-2024-04-19-01 (BLOOM-RESP)

- Date Received: 19-APR-2024 09:01

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Infrared Thermometer ID:	IR TEMP GUN #3 Exp. 10/16/2024
pH Test Strips 0 – 6	Lot# 223819BV Exp. 8/15/2024
pH Paper 0 – 3	
pH Paper 0 – 13	Lot# 228323 Exp. 10/1/2026
Chlorine Test Strips	Lot# 3180A Exp. 4/30/2024

Additional Comments:

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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 - 2024-03-25-54		Collected By:		Hannah Henning, Kevin Grace						
Customer:	SWROC	Field Report Prepared By:		Hannah Henning						
Project ID:	BLOOM_RESP	Sampling Agency:		SWROC						
Location: Weeki Wachee - Richard Dr.			Comments:							
Field ID: HAB-SW-0290			Coordinates: 28.52948, -82.61277							
WIN Secondary Resource Type: River/Stream			Collection Equip: WaterBottle							
WIN ID: HAB-SW-0290			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)
04/18/2024	11:30	131.9	10.8	25.3	7.98	0.3	1.3	1	1336	0.67
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
		3193140		07312024						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☐ Field Filtered 0.45µm 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		
Kevin Grace		04/18/2024 17:00		1		MB		4/19/24 9:01		



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

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RQ - 2024-03-25-54		Collected By:		Hannah Henning, Kevin Grace						
Customer: SWROC		Field Report Prepared By:		Hannah Henning						
Project ID: BLOOM_RESP		Sampling Agency:		SWROC						
Location: Blanton Lake - South Lobe			Comments:							
Field ID: HAB-SW-0041			Coordinates: 28.40045, -82.24707							
WIN Secondary Resource Type: Lake			Collection Equip: WaterBottle							
WIN ID: HAB-SW-0041			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)
04/18/2024	09:10	73.1	5.96	25.8	6.99	0.3	0.6	0.3	126.7	0.06
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	
		Acid Lot: 3193140			Exp: 07312024					
Filtered Nutrients (P125mL)		☒ W-PO4-F ☒ Field Filtered 0.45um			☒ Ice			1	B	
		Filter Lot #: 17232873								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C			☐ Ice ☐ Lugols					
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Kevin Grace		04/18/2024 17:00		1		MB		4/19/24 9:01		



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

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

RQ - 2024-03-25-54		Collected By:		Hannah Henning, Kevin Grace						
Customer: SWROC		Field Report Prepared By:		Hannah Henning						
Project ID: BLOOM_RESP		Sampling Agency:		SWROC						
Location: Lake Dowling - Off Dock			Comments:							
Field ID: HAB-SW-0033			Coordinates: 28.43747, -82.24807							
WIN Secondary Resource Type: Lake			Collection Equip: WaterBottle							
WIN ID: HAB-SW-0033			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)
04/18/2024	09:45	134.2	10.94	25.7	9.62	0.3	0.6	0.6	105.2	0.05
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		
		3193140		3193140						
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F ☒ Field Filtered 0.45µm Filter		☒ Ice			1	B		
		Filter Lot # 17910382								
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C		☐ Ice ☐ Lugols						
Relinquished By:		Date/Time	Number of Coolers Shipped		Received By:		Date/Time			
Kevin Grace		04/18/2024 17:00	1		MB		4/19/24 9:01			

Date of Request: 11-MAR-2024
Created By: GRACE_K On: 11-MAR-2024
Modified By: JASROTIA_P On: 18-MAR-2024
Customer: SW-DIST
Project: BLOOM-RESP
Division:
District: Southwest District
Event Description: Algal Bloom Response - SWD

Send Coolers To:

Phone: 813-632-7600
FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Kevin Grace
Cooler Ship EMail: kevin.t.grace@floridadep.gov

Priority: 1
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 18-MAR-2024
Biology Request Reviewed By: JASROTIA_P On: 18-MAR-2024
Sampling Kit Required: YES Ship on: 25-MAR-2024
Sampling Kit Shipped: YES On: 19-MAR-2024
Sampling Kit Packed By: BARNHART_M
Preservatives Needed: YES
Date to Receive Samples: 25-MAR-2024
Logged In By: SHAIK_A On: 18-APR-2024

Send Final Report To:

FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Sarah Meyer
Report Notification EMail:
sarah.meyer@dep.state.fl.us;kevin.t.grace@floridadep.gov;ken.t
urman@floridadep.gov

Comments: Unless peak algal bloom season, may analyze toxin after consultation with Biology's Taxonomy Manager.

Bottle Group A- algal dominant taxon
Bottle Group B - toxin testing, nutrients, chlorophyll, algal full ID

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 24 Samples:

Bottle Type: PT-50ML Number of Bottles: 24 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 24 Samples:

Bottle Type: BP-1L Number of Bottles: 24 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: 24 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: 24 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: 24 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: 24 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.