

Login Checklist

RQ- 2024-05-13-63

Login Station ID: #3

Shipping Method FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/7/2024 @ 9:11

*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				6		X			7281 6631 2169

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: 6/7/2024

Event contains NCRs (Y/N)? N

EventID: Algal Bloom Response - SE ROC
SE-DIST-2024-06-07-01 (BLOOM-RESP)

Date Received: 07-JUN-2024 09:11

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

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

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 - 2024-05-13-63		Collected By:		Andrew Luering, Drew Liddick						
Customer:	SE-DIST	Field Report Prepared By:		Andrew Luering						
Project ID:	BLOOM_RESP	Sampling Agency:		SEROC						
Location: C-17 Canal - Congress Ave			Comments:							
Field ID: SEHAB0119			Coordinates:	26.73412, -80.09021						
WIN Secondary Resource Type: Canal			Collection Equip:	WaterBottle						
WIN ID: SEHAB0119			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)
06/06/2024	14:15	125.6	9.28	31.4	7.6	0.17	0.34	0.34	437.2	0.21
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	C		
Toxins (P-125/BG-250)	☒ W-MCYST-AA ☒ W-SAXTN-MS ☐ OV-TOXN			☒ Ice			1	B		
Physical/Aggregate	☒ W-COLOR			☒ Ice			1	C		
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP			☒ Ice ☒ H2SO4		☒ <2	1	C		
	SA3340020 Acid Lot:			Exp:						
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter			☒ Ice			1	C		
	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				
Andrew Luering	06/06/2024 14:09	1		MB		6/7/24 9:11				

Date of Request: 02-MAY-2024
Created By: SKAGGS_J On: 02-MAY-2024
Modified By: SHAIK_A On: 24-MAY-2024
Customer: SE-DIST
Project: BLOOM-RESP
Division:
District: Southeast District
Event Description: Algal Bloom Response - SE ROC

Send Coolers To:

Phone: (772) 380-5572
FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Jordan Skaggs
Cooler Ship EMail: jordan.skaggs@floridadep.gov

Priority: 1
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: SHAIK_A On: 24-MAY-2024
Biology Request Reviewed By: SHAIK_A On: 24-MAY-2024
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped: YES On: 21-MAY-2024
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 14-MAY-2024
Logged In By: KLUG_K On: 06-JUN-2024

Send Final Report To:

FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Andrew Luering
Report Notification EMail:
jordan.skaggs@floridadep.gov;andrew.luering@floridadep.gov

Comments: **Please send:
-2 boxes sulfuric acid
-4 or 5 full-size coolers
-4 extra Fedex labels

LOG-IN STAFF: Please print two copies of algal job labels at login.

Bottle Group A - Priority 1 for algal dominant taxon.
Bottle Group B - Priority 1 for toxin testing.
Bottle Group C - Priority 3 (nutrients); Priority 4 (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.

Bottle Group A (Biological) With 23 Samples:

Bottle Type: PT-50ML Number of Bottles: 23 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 23 Samples:

Bottle Type: P-125ML Number of Bottles: 23 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 Group C (Water) With 23 Samples:

Bottle Type: BP-1L Number of Bottles: 23 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: 23 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-500ML Number of Bottles: 23 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

Bottle Group C (Water) With 23 Samples:

Bottle Type: P-500ML	Number of Bottles: 23	Preserved With: ICE And H2SO4
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: 23	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.