

Login Checklist

RQ- 2024-05-13-63

Login Station ID: #1

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 06/ 6 /24 @ 9:12

*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	
-0.9				6		✓			7281 6631 3864

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: kh

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: kh

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

Yes ☐ No ☐ NA ☒ Init: kh

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

Coolers Unpacked/Checked by: kh

Date: 06/ 6 /24

Event contains NCRs (Y/N)? N ^Y

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

Date Received: 06-JUN-2024 09:12

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Infrared Thermometer ID:	IR TEMP GUN #1 Exp:10/16/2024
pH Test Strips 0 – 6	Lot#223819BV Exp:8/15/24
pH Paper 0 – 3	
pH Paper 0 – 13	Lot# 228323 Exp:10/01/26
Chlorine Test Strips	Lot#3180A Exp:4/26

Additional Comments:

NCR #10518

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:		Jordan Skaggs, Natalie Howard						
Customer: JS		Field Report Prepared By:		JS						
Project ID: BLOOM_RESP		Sampling Agency:		SEROC						
Location: Lake Okeechobee - S308C (lakeside)			Comments:							
Field ID: SEHAB0062			Coordinates: 26.98473, -80.62159							
WIN Secondary Resource Type: Lake			Collection Equip: WaterBottle							
WIN ID: SEHAB0062			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)
06/05/2024	10:30	96	7.29	28.9	8.14	0.3	0.9	0.4	445.6	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 0.45um Filter			☒ Ice		1	C
				Filter Lot # 17866251						
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice	☐ Lugols			
Relinquished By:		Date/Time		Number of Coolers Shipped			Received By:		Date/Time	
JS FDEP		06/05/2024 16:00		1			VH		6-6-24 / 0912	

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: BARNHART_M On: 31-MAY-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.