

Login Checklist

RQ- 204-02-19-59

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/21/24 @ 8:59

*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				4		X			728166281574

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/ FieldSheet(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 X 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: C.P

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 X No _____ NA _____ Init: C.P

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

Yes _____ No _____ NA X Init: C.P

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

Coolers Unpacked/Checked by: C.P

Date: 2/21/24

Event contains NCRs (Y/N)? N

EventID:

BIØ-LAB-2024-02-21-01 (BLOOM-RESP)
Date Received: **21-FEB-2024 08:59**

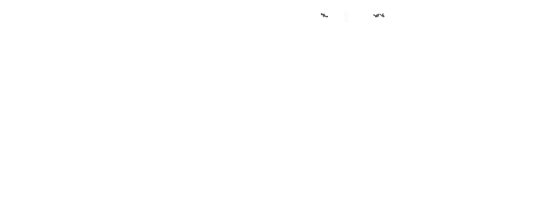
Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 10/16/24
pH Test Strips 0 – 6	223819av 03/15/2024
pH Paper 0 – 3	NA
pH Paper 0 – 13	210820 3/15/2024
Chlorine Test Strips	2313 07/2025



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 - 2024-02-19-59		Collected By:		Nathan Mulkey						
Customer: NWROC		Field Report Prepared By:		Nathan Mulkey						
Project ID: BLOOM_RESP		Sampling Agency:		NWROC						
Location: Unnamed ditch @ Legion Park				Comments: Ditch not flowing above ground. Pipe underground flowing with outfall in bay. Sample taken at end of pipe.						
Field ID: NWHAB0015				Coordinates: 30.38696, -86.35861						
WIN Secondary Resource Type: Estuary				Collection Equip: WaterBottle						
WIN ID: NWHAB0015				High Tide Time: 19:39 Low Tide Time: 06:13						
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)
02/20/2024	10:40	81.1	8.3	13.9	7.49	0.05	0.1	0.1	3000	1.6
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				
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				
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP 3193140 Acid Lot:				☒ Ice ☒ H2SO4 07/31/2024 Exp:		☐ <2	1	C
Filtered Nutrients (P125mL)		☒ W-PO4-F Field Filtered 0.45um Filter Filter Lot # 17460495				☒ Ice			1	C
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C				☐ Ice ☐ Lugols				
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Nathan Mulkey		02/20/2024 11:19		1		C P		2-21-24 / 8:59		

Date of Request: 19-FEB-2024
Created By: SLADE_C On: 19-FEB-2024
Modified By: AYRES_J On: 20-FEB-2024
Customer: BIO-LAB
Project: BLOOM-RESP
Division:
District:
Event Description: Algal Bloom Response - NW ROC

Send Coolers To:

Phone: (850) 245-8171
Biology Program, FL DEP
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
Attn: Cheryl Swanson
Cooler Ship EMail: Christopher.slade@dep.state.fl.us

Priority: 1
Event Status: A
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 20-FEB-2024
Biology Request Reviewed By: AYRES_J On: 20-FEB-2024
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 19-FEB-2024
Logged In By:

Send Final Report To:

Biology Program, FL DEP
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
Attn: Cheryl Swanson
Report Notification EMail:
christopher.slade@dep.state.fl.us;michael.king@dep.state.fl.us;
myranda.k.butler@dep.state.fl.us;alicia.hogue@dep.state.fl.us;m
ary.c.rice@floridadep.gov;david.d.whiting@floridadep.gov;amelia.
rankin@floridadep.gov;cheryl.swanson@floridadep.gov;joshua.ay
res@

Comments:

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.

Please print two copies of algal job labels at login

Bottle Group A (Biological) With 1 Samples:

Bottle Type: PT-50ML Number of Bottles: 1 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-125ML Number of Bottles: 1 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 1 Samples:

Bottle Type: BP-1L Number of Bottles: 1 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: 1 Preserved With: ICE
W-COLOR Template: DEFAULT (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML	Number of Bottles: 1	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: 1	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: 1	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.