

# Login Checklist

RQ- 2024-05-13-63

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 5/31/2024 @ 9:00

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 0.7                 |                 |                                        |          | 6                                     |               | X  |          |    | 7281 6630 9060     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: 5/31/2024 Event contains NCRs (Y/N)? N

EventID: Algal Bloom Response - SE ROC  
SE-DIST-2024-05-31-02 (BLOOM-RESP)  
Date Received: 31-MAY-2024 09:00

## 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:

|  |
|--|
|  |
|--|

### 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](mailto:lab.receiving@FloridaDEP.gov)

|                                                                                           |                                                                                                                                |                                                     |                                                                                                                                               |                                               |                                                                     |                        |                       |                       |                        |                    |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------|------------------------|-----------------------|-----------------------|------------------------|--------------------|
| RQ - 2024-05-13-63                                                                        |                                                                                                                                | Collected By:                                       |                                                                                                                                               | Natalie Howard, Andrew Luering                |                                                                     |                        |                       |                       |                        |                    |
| Customer:                                                                                 |                                                                                                                                | Field Report Prepared By:                           |                                                                                                                                               | Natalie Howard                                |                                                                     |                        |                       |                       |                        |                    |
| Project ID: BLOOM_RESP                                                                    |                                                                                                                                | Sampling Agency:                                    |                                                                                                                                               | SEROC                                         |                                                                     |                        |                       |                       |                        |                    |
| Location: C-17 Canal - Congress Ave                                                       |                                                                                                                                |                                                     | Comments:                                                                                                                                     |                                               |                                                                     |                        |                       |                       |                        |                    |
| Field ID: SEHAB0119                                                                       |                                                                                                                                |                                                     | Coordinates: 26.7341, -80.09033                                                                                                               |                                               |                                                                     |                        |                       |                       |                        |                    |
| WIN Secondary Resource Type: Canal                                                        |                                                                                                                                |                                                     | Collection Equip: WaterBottle                                                                                                                 |                                               |                                                                     |                        |                       |                       |                        |                    |
| WIN ID: SEHAB0119                                                                         |                                                                                                                                |                                                     | High Tide Time:                                                                                                                               |                                               | Low Tide Time:                                                      |                        |                       |                       |                        |                    |
| Matrix:                                                                                   | Fresh                                                                                                                          | Grab                                                | Tide: <input type="checkbox"/> Rising <input type="checkbox"/> Falling <input type="checkbox"/> Slack <input checked="" type="checkbox"/> N/A |                                               |                                                                     |                        |                       |                       |                        |                    |
| Water Quality                                                                             |                                                                                                                                |                                                     |                                                                                                                                               |                                               |                                                                     |                        |                       |                       |                        |                    |
| Date                                                                                      | Time<br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN                                                | D.O.<br>(%)                                         | D.O.<br>(mg/L)                                                                                                                                | Temp<br>(°C)                                  | pH<br>(SU)                                                          | Sample<br>Depth<br>(m) | Total<br>Depth<br>(m) | Secchi<br>Disk<br>(m) | Sp. Cond.<br>(µmho/cm) | Salinity<br>(PPTH) |
| 05/30/2024                                                                                | 12:00                                                                                                                          | 46.5                                                | 3.35                                                                                                                                          | 30.5                                          | 7.48                                                                | 0.3                    | 0.9                   | 0.9                   | 447.9                  | 0.21               |
|                                                                                           |                                                                                                                                |                                                     |                                                                                                                                               |                                               |                                                                     |                        |                       |                       |                        |                    |
|                                                                                           |                                                                                                                                |                                                     |                                                                                                                                               |                                               |                                                                     |                        |                       |                       |                        |                    |
| Bloom Observations                                                                        |                                                                                                                                |                                                     |                                                                                                                                               |                                               |                                                                     |                        |                       |                       |                        |                    |
| Algal Bloom Observed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                                                                                                                |                                                     |                                                                                                                                               |                                               |                                                                     |                        |                       |                       |                        |                    |
| Water Clarity                                                                             | <input type="checkbox"/> Clear                                                                                                 | <input checked="" type="checkbox"/> Slightly Turbid | <input type="checkbox"/> Turbid                                                                                                               | <input type="checkbox"/> Opaque               |                                                                     |                        |                       |                       |                        |                    |
| Bloom Color                                                                               | <input checked="" type="checkbox"/> Green                                                                                      | <input type="checkbox"/> Red                        | <input type="checkbox"/> Brown                                                                                                                | <input type="checkbox"/> Other:               |                                                                     |                        |                       |                       |                        |                    |
| Algae Type                                                                                | <input checked="" type="checkbox"/> Planktonic                                                                                 | <input type="checkbox"/> Filamentous                | <input type="checkbox"/> Other:                                                                                                               |                                               |                                                                     |                        |                       |                       |                        |                    |
| Algae Accumulation                                                                        | <input type="checkbox"/> Mat                                                                                                   | <input checked="" type="checkbox"/> Specks          | <input type="checkbox"/> Scum                                                                                                                 | <input type="checkbox"/> Glob                 |                                                                     |                        |                       |                       |                        |                    |
| Algae Distribution                                                                        | <input type="checkbox"/> Surface-Entire                                                                                        | <input checked="" type="checkbox"/> Surf-Localized  | <input type="checkbox"/> Surf-Windblown                                                                                                       | <input checked="" type="checkbox"/> Suspended | <input type="checkbox"/> Benthic <input type="checkbox"/> Epiphytic |                        |                       |                       |                        |                    |
| Parameter Suite                                                                           | Parameter Methods                                                                                                              |                                                     | Preservation                                                                                                                                  | pH Check                                      | #Bottles Sent to Lab                                                | Bottle Group           |                       |                       |                        |                    |
| Algae (PT-50mL)                                                                           | <input type="checkbox"/> ALGAL-ID <input checked="" type="checkbox"/> BLOOM-ID                                                 |                                                     | <input checked="" type="checkbox"/> Ice                                                                                                       |                                               | 1                                                                   | A                      |                       |                       |                        |                    |
| Chlorophyll (BP-1L)                                                                       | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                 |                                                     | <input checked="" type="checkbox"/> Ice                                                                                                       |                                               | 1                                                                   | C                      |                       |                       |                        |                    |
| Toxins (P-125/BG-250)                                                                     | <input checked="" type="checkbox"/> W-MCYST-AA <input checked="" type="checkbox"/> W-SAXTN-MS <input type="checkbox"/> OV-TOXN |                                                     | <input checked="" type="checkbox"/> Ice                                                                                                       |                                               | 1                                                                   | B                      |                       |                       |                        |                    |
| Physical/Aggregate                                                                        | <input checked="" type="checkbox"/> W-COLOR                                                                                    |                                                     | <input checked="" type="checkbox"/> Ice                                                                                                       |                                               | 1                                                                   | C                      |                       |                       |                        |                    |
| Preserved Nutrients (500mL HDPE)                                                          | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP                                                        |                                                     | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4                                                             | <input checked="" type="checkbox"/> <2        | 1                                                                   | C                      |                       |                       |                        |                    |
|                                                                                           | SA3340020                                                                                                                      | Exp:                                                | 12/11/2024                                                                                                                                    |                                               |                                                                     |                        |                       |                       |                        |                    |
| Filtered Nutrients (P125mL)                                                               | <input checked="" type="checkbox"/> W-PO4-F                                                                                    |                                                     | <input checked="" type="checkbox"/> Field Filtered 0.45um Filter                                                                              | <input checked="" type="checkbox"/> Ice       | 1                                                                   | C                      |                       |                       |                        |                    |
|                                                                                           | Filter Lot # 17866251                                                                                                          |                                                     |                                                                                                                                               |                                               |                                                                     |                        |                       |                       |                        |                    |
| Quantitative Algae                                                                        | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                                                                                   |                                                     | <input type="checkbox"/> Ice <input type="checkbox"/> Lugols                                                                                  |                                               |                                                                     |                        |                       |                       |                        |                    |
| Relinquished By:                                                                          | Date/Time                                                                                                                      | Number of Coolers Shipped                           |                                                                                                                                               | Received By:                                  | Date/Time                                                           |                        |                       |                       |                        |                    |
|                                                                                           | 05/30/2024 16:00                                                                                                               | 1                                                   |                                                                                                                                               | MB                                            | 5/31/24 9:00                                                        |                        |                       |                       |                        |                    |

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: SHAIK\_A On: 24-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.