

# Login Checklist

RQ- 2024 - 03 - 04 - 71

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 03/26/2024 / 10:35

| *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 |                    |
| 1.8                 |                 |                                        |          | 6                                     |               | X  |          |    | 7281 6629 0344     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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/ Field Sheet(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 \_\_\_\_\_ 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: ABS

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: ABS

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: ABS

\*\*W-1-4-DIOX (Green dot on container) preserved to pH< 4.0? Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: ABS

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

Coolers Unpacked/Checked by: ABS / Date: 03/26/2024 Event contains NCRs (Y/N)? N

Event ID: SE - DIST - 2024 - 03 - 26 - 0

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                        |
|--------------------------|------------------------|
| Infrared Thermometer ID: | IRTG#2 EXP:10/16/24    |
| pH Test Strips 0 – 6     | LOT#223819BVEXP8/15/24 |
| pH Paper 0 – 3           | N/A                    |
| pH Paper 0 – 13          | LOT207621EXP:3/15/24   |
| Chlorine Test Strips     | 2313 2025/07           |

### ENCORE SAMPLES

**S-VOC-MS samples in Encores must be frozen within 48 hours of collection.**

Were Encore samples received? Yes \_\_\_\_\_ Init: ABS

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 - 2024-03-04-71                                                                        |                                                                                                                                                                                     | Collected By:                                  |                                                                                                                                               | Andrew Luering, Jordan Skaggs                                                     |                                    |                                         |                                    |                       |                        |                   |
| Customer:                                                                                 | SE-DIST                                                                                                                                                                             | Field Report Prepared By:                      |                                                                                                                                               | Andrew Luering                                                                    |                                    |                                         |                                    |                       |                        |                   |
| Project ID:                                                                               | BLOOM_RESP                                                                                                                                                                          | Sampling Agency:                               |                                                                                                                                               | SEROC                                                                             |                                    |                                         |                                    |                       |                        |                   |
| Location: St. Lucie Canal - 96th Street Bridge                                            |                                                                                                                                                                                     |                                                | Comments:                                                                                                                                     |                                                                                   |                                    |                                         |                                    |                       |                        |                   |
| Field ID: SEHAB0111                                                                       |                                                                                                                                                                                     |                                                | Coordinates: 27.08805, -80.30251                                                                                                              |                                                                                   |                                    |                                         |                                    |                       |                        |                   |
| WIN Secondary Resource Type: Canal                                                        |                                                                                                                                                                                     |                                                | Collection Equip: WaterBottle                                                                                                                 |                                                                                   |                                    |                                         |                                    |                       |                        |                   |
| WIN ID: SEHAB0111                                                                         |                                                                                                                                                                                     |                                                | 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>(PPT) |
| 03/25/2024                                                                                | 11:10                                                                                                                                                                               | 88.6                                           | 7.52                                                                                                                                          | 23.3                                                                              | 7.79                               | 0.3                                     | 0.6                                | 0.1                   | 442.8                  | 0.21              |
| Bloom Observations                                                                        |                                                                                                                                                                                     |                                                |                                                                                                                                               |                                                                                   |                                    |                                         |                                    |                       |                        |                   |
| Algal Bloom Observed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                                                                                                                                                                     |                                                |                                                                                                                                               |                                                                                   |                                    |                                         |                                    |                       |                        |                   |
| Water Clarity                                                                             |                                                                                                                                                                                     | <input type="checkbox"/> Clear                 | <input type="checkbox"/> Slightly Turbid                                                                                                      | <input checked="" 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 type="checkbox"/> Surf-Localized                                                                                                       | <input checked="" type="checkbox"/> Surf-Windblown                                | <input type="checkbox"/> Suspended | <input type="checkbox"/> Benthic        | <input type="checkbox"/> Epiphytic |                       |                        |                   |
| Parameter Suite                                                                           | Parameter Methods                                                                                                                                                                   |                                                |                                                                                                                                               | Preservation                                                                      |                                    | pH<br>Check                             | #Bottles<br>Sent to<br>Lab         | Bottle<br>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<br>(500mL HDPE)                                                       | <input checked="" type="checkbox"/> W-NH3 / <input checked="" type="checkbox"/> W-NO2NO3 / <input checked="" type="checkbox"/> W-TKN / <input checked="" type="checkbox"/> W-S-A-TP |                                                |                                                                                                                                               | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |                                    | <input checked="" type="checkbox"/> <2  | 1                                  | C                     |                        |                   |
|                                                                                           | SA3340020                                                                                                                                                                           |                                                |                                                                                                                                               | 12/11/2024                                                                        |                                    |                                         |                                    |                       |                        |                   |
| Filtered Nutrients<br>(P125mL)                                                            | Acid Lot:                                                                                                                                                                           |                                                |                                                                                                                                               | Exp:                                                                              |                                    |                                         |                                    |                       |                        |                   |
|                                                                                           | <input checked="" type="checkbox"/> W-PO4-F                                                                                                                                         |                                                |                                                                                                                                               | <input checked="" type="checkbox"/> Field Filtered 0.45µm Filter                  |                                    | <input checked="" type="checkbox"/> Ice | 1                                  | C                     |                        |                   |
|                                                                                           |                                                                                                                                                                                     |                                                | Filter Lot # 17347262                                                                                                                         |                                                                                   |                                    |                                         |                                    |                       |                        |                   |
| 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                          |                       |                        |                   |
| Andrew Luering                                                                            | 03/25/2024 16:00                                                                                                                                                                    |                                                | 1                                                                                                                                             |                                                                                   | A.SHAIK                            |                                         | 03/26/2024 / 10:35                 |                       |                        |                   |



Date of Request: 20-FEB-2024  
Created By: SKAGGS\_J On: 20-FEB-2024  
Modified By: JASROTIA\_P On: 21-FEB-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: AYRES\_J On: 20-FEB-2024  
Biology Request Reviewed By: JASROTIA\_P On: 21-FEB-2024  
Sampling Kit Required: YES Ship on: 28-FEB-2024  
Sampling Kit Shipped: YES On: 26-FEB-2024  
Sampling Kit Packed By: PENDLETO\_C  
Preservatives Needed: NO  
Date to Receive Samples: 08-MAR-2024  
Logged In By: SHAIK\_A On: 26-MAR-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: PACKING NOTES:**

Bottle Groups A, B, C - Ship LABELS ONLY for 8 sites.  
For the rest (10 sites) ship a normal. (Bottles & labels)

\*\*Please send:  
-4 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 18 Samples:**

Bottle Type: PT-50ML      Number of Bottles: 18      Preserved With: ICE  
BLOOM-ID      Template: DEFAULT      (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

**Bottle Group B (Water) With 18 Samples:**

Bottle Type: P-125ML      Number of Bottles: 18      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 18 Samples:**

Bottle Type: BP-1L      Number of Bottles: 18      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: 18      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 Group C (Water) With 18 Samples:**

|                      |                       |                                                                                          |
|----------------------|-----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 18 | 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: 18 | 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.