

# Login Checklist

RQ- 2023-06-12-72

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 8/ 4 / 23 @ 9:05

| *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                 |                 |                                        |          | C                                     |               |    |          |    | 5859 4728 4437     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> 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 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: CP

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: CP

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

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

Coolers Unpacked/Checked by: CP Date: 8/ 4 /23 Event contains NCRs (Y/N)? N

EventID: SO-DIST-2023-08-04-02 (BLOOM-REŠP)  
Date Received: 04-AUG-2023 09:05

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                     |
|--------------------------|---------------------|
| Infrared Thermometer ID: | 221426058 10/17/23  |
| pH Test Strips 0 – 6     | 207621 03/15/2024   |
| pH Paper 0 – 3           | NA                  |
| pH Paper 0 – 13          | 20762103 03/15/2024 |
| Chlorine Test Strips     | 1196 02/2024        |

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

|                                                                                           |                                                                                 |                                                                                                                                       |                                                                                                                                                      |                                                                                                                                               |                |                                                                                   |                       |                                                                                                                   |                        |                    |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|
| RQ - 2023-06-12-72                                                                        |                                                                                 | Collected By:                                                                                                                         |                                                                                                                                                      | Samuel Eriksen                                                                                                                                |                |                                                                                   |                       |                                                                                                                   |                        |                    |
| Customer:                                                                                 |                                                                                 | Field Report Prepared By:                                                                                                             |                                                                                                                                                      |                                                                                                                                               |                |                                                                                   |                       |                                                                                                                   |                        |                    |
| Project ID: BLOOM_RESP                                                                    |                                                                                 | Sampling Agency:                                                                                                                      |                                                                                                                                                      | County                                                                                                                                        |                |                                                                                   |                       |                                                                                                                   |                        |                    |
| Location: Lake Istokpoga                                                                  |                                                                                 |                                                                                                                                       | Comments: Clear sunny sky. Winds east 4-8 mph. Slight chop on lake surface. Sample water body green in color. Specks of BGA present in water column. |                                                                                                                                               |                |                                                                                   |                       |                                                                                                                   |                        |                    |
| Field ID: HAB-HC-080323-0758                                                              |                                                                                 |                                                                                                                                       | Coordinates: 27.33475, -81.25524                                                                                                                     |                                                                                                                                               |                |                                                                                   |                       |                                                                                                                   |                        |                    |
| WIN Secondary Resource Type: Lake                                                         |                                                                                 |                                                                                                                                       | Collection Equip: WaterBottle                                                                                                                        |                                                                                                                                               |                |                                                                                   |                       |                                                                                                                   |                        |                    |
| WIN ID:                                                                                   |                                                                                 |                                                                                                                                       | 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) |
| 08/03/2023                                                                                | 07:58                                                                           | 85.7                                                                                                                                  | 6.81                                                                                                                                                 | 27.2                                                                                                                                          | 8.49           | 0.3                                                                               | 1.3                   | 0.1                                                                                                               | 148.1                  | 0.07               |
|                                                                                           |                                                                                 |                                                                                                                                       |                                                                                                                                                      |                                                                                                                                               |                |                                                                                   |                       |                                                                                                                   |                        |                    |
|                                                                                           |                                                                                 |                                                                                                                                       |                                                                                                                                                      |                                                                                                                                               |                |                                                                                   |                       |                                                                                                                   |                        |                    |
| 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 type="checkbox"/> Planktonic                                                                                                   |                                                                                                                                                      | <input checked="" 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 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                      | B                  |
| 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 type="checkbox"/> W-COLOR                                                                                                      |                                                                                                                                                      |                                                                                                                                               |                | <input type="checkbox"/> Ice                                                      |                       |                                                                                                                   |                        |                    |
| Preserved Nutrients (500mL HDPE)                                                          |                                                                                 | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP<br>SA3013020                                                  |                                                                                                                                                      |                                                                                                                                               |                | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |                       | <input checked="" type="checkbox"/> <2                                                                            | 1                      | B                  |
|                                                                                           |                                                                                 | Acid Lot:                                                                                                                             |                                                                                                                                                      | Exp:                                                                                                                                          |                |                                                                                   |                       |                                                                                                                   |                        |                    |
| Filtered Nutrients (P125mL)                                                               |                                                                                 | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45um Filter<br>Filter Lot # 17441866 |                                                                                                                                                      |                                                                                                                                               |                | <input checked="" type="checkbox"/> Ice                                           |                       |                                                                                                                   | 1                      | B                  |
| 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                                                                                                         |                        |                    |
|                                                                                           |                                                                                 |                                                                                                                                       |                                                                                                                                                      |                                                                                                                                               |                | C-R                                                                               |                       | 8-4-23 / 9:05                                                                                                     |                        |                    |



Date of Request: 31-MAY-2023  
 Created By: BARRINGT\_J On: 31-MAY-2023  
 Modified By: JASROTIA\_P On: 01-JUN-2023  
 Customer: SO-DIST  
 Project: BLOOM-RESP  
 Division:  
 District: South District  
 Event Description: Algal Bloom Response -SOROC- Highlands

**Send Coolers To:**

Phone: 239-332-6975 SC 748-6975  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Sam Eriksen  
 Cooler Ship EMail: seriksen@highlandsfl.gov

Priority: 1  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 01-JUN-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 01-JUN-2023  
 Sampling Kit Required: YES Ship on: 07-JUN-2023  
 Sampling Kit Shipped: YES On: 05-JUN-2023  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: YES  
 Date to Receive Samples: 12-JUN-2023  
 Logged In By: SHAIK\_A On: 07-JUL-2023

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: John Barrington  
 Report Notification EMail:  
 Cheryl.Swanson@floridadep.gov;John.Barrington@floridadep.gov;  
 v;gary.snorek@floridadep.gov;thomas.baker@floridadep.gov

Comments: Include 1L of DI water.

Unless peak algal bloom season, may analyze toxin after consultation with Biology's Taxonomy Manager.

Bottle Group A - Priority 1  
 For algal dominant taxon.

Bottle Group B - Priority 1  
 For toxins, nutrients, chlorophyll,

Bottle Group C - Priority 1  
 Blank for toxins and nutrients

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 6 Samples:**

Bottle Type: PT-50ML Number of Bottles: 6 Preserved With: ICE  
 BLOOM-ID Template: DEFAULT (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

**Bottle Group B (Water) With 6 Samples:**

Bottle Type: BP-1L Number of Bottles: 6 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: 6 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-125ML Number of Bottles: 6 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 Type: P-500ML Number of Bottles: 6 Preserved With: ICE And H2SO4

**Bottle Group B (Water) With 6 Samples:**

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 6 | 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: 6 | 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 |

**Bottle Group C (Water) With 1 Samples:**

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

\* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.