

# Login Checklist

RQ- 2023-03-20-44

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 03/24/23 @ 1020

| *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 |                    |
| 1.6                 |                 |                                        |          | 10                                    |               | x  |          |    | 585947336921       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: BKK

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: BKK

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: BKK

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

Coolers Unpacked/Checked by: BKK

Date: 03/24/23

Event contains NCRs (Y/N)? \_\_\_\_\_

EventID: WQAP-2023-03-24-04 (BLOOM-RESP)

— Date Received: 24-MAR-2023 10:20

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                               |
|--------------------------|-------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #3 Exp:10/17/2023 |
| pH Test Strips 0 – 6     | Lot#223819AV   Exp:8/30/23    |
| pH Paper 0 – 3           |                               |
| pH Paper 0 – 13          | Lot#210620   Exp:4/15/23      |
| Chlorine Test Strips     | Lot#0129   Exp:3/23           |

### 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 (2019-12-16 v4)

Email scanned submittal forms to [lab.receiving@FloridaDEP.gov](mailto:lab.receiving@FloridaDEP.gov)

| RQ-2023-03-20-44                                                               |                                                                                               | Collected By:                                            | RENK                                                                                                                     |                                                                                                                                         |                                         |                            |                       |                       |                        |                    |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------|-----------------------|-----------------------|------------------------|--------------------|
| Customer:                                                                      | WQAP                                                                                          | Field Report Prepared By:                                | RENK                                                                                                                     |                                                                                                                                         |                                         |                            |                       |                       |                        |                    |
| Project ID:                                                                    | BLOOM-RESP                                                                                    | Sampling Agency:                                         | Orange EPD                                                                                                               |                                                                                                                                         |                                         |                            |                       |                       |                        |                    |
| Win ID: HABOC0015<br>Caywood Pond - SW Dock<br>Field ID: HABOC0015_CaywoodPond |                                                                                               | Comments:                                                | NASTY. WORST WHOLE LAKE BLOOM I'VE SEEN<br>Syringe: 2298556                                                              |                                                                                                                                         |                                         |                            |                       |                       |                        |                    |
|                                                                                |                                                                                               | Coordinates:                                             | 28.488622, -81.590733                                                                                                    |                                                                                                                                         |                                         |                            |                       |                       |                        |                    |
|                                                                                |                                                                                               | Collection Equip:                                        | Sample bottles, syringe, pole                                                                                            |                                                                                                                                         |                                         |                            |                       |                       |                        |                    |
| WIN ID:                                                                        | HABOC0015                                                                                     | 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) |
| 3/23/23                                                                        | 1015                                                                                          | 93.6                                                     | 8.3                                                                                                                      | 21.7                                                                                                                                    | 7.7                                     | 0.3                        | 2.5                   | 0.1                   | 314                    |                    |
| Bloom Observations                                                             |                                                                                               |                                                          |                                                                                                                          |                                                                                                                                         |                                         |                            |                       |                       |                        |                    |
| Algal Bloom Observed?                                                          |                                                                                               | <input type="checkbox"/> Yes <input type="checkbox"/> No |                                                                                                                          |                                                                                                                                         |                                         |                            |                       |                       |                        |                    |
| Water Surface                                                                  | <input type="checkbox"/> Clear                                                                | <input checked="" type="checkbox"/> Scum                 | <input checked="" type="checkbox"/> Globs                                                                                | <input type="checkbox"/> Slick                                                                                                          |                                         |                            |                       |                       |                        |                    |
| Water Clarity                                                                  | <input type="checkbox"/> Clear                                                                | <input type="checkbox"/> Slightly Turbid                 | <input type="checkbox"/> Turbid                                                                                          | <input checked="" type="checkbox"/> Opaque                                                                                              |                                         |                            |                       |                       |                        |                    |
| Bloom Color                                                                    | <input checked="" type="checkbox"/> Green                                                     | <input type="checkbox"/> Red                             | <input type="checkbox"/> Brown                                                                                           | <input type="checkbox"/> Other: _____ <input type="checkbox"/> N/A                                                                      |                                         |                            |                       |                       |                        |                    |
| Algae Distribution                                                             | <input checked="" type="checkbox"/> Suspended in water column                                 | <input checked="" type="checkbox"/> On surface           | <input type="checkbox"/> Other: _____ <input type="checkbox"/> N/A                                                       |                                                                                                                                         |                                         |                            |                       |                       |                        |                    |
| Water Odors                                                                    | <input checked="" type="checkbox"/> Normal                                                    | <input type="checkbox"/> Sewage                          | <input type="checkbox"/> Petroleum                                                                                       | <input type="checkbox"/> Chemical <input type="checkbox"/> Other: _____                                                                 |                                         |                            |                       |                       |                        |                    |
| Parameter Suite                                                                | Parameter Methods                                                                             |                                                          | Preservation                                                                                                             |                                                                                                                                         | pH<br>Check                             | #Bottles<br>Sent to<br>Lab | Bottle<br>Group       |                       |                        |                    |
| Bloom ID (PT-50mL)                                                             | <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 (BG-WD250)                                                              | <input checked="" type="checkbox"/> W-MCYST-AA <input checked="" type="checkbox"/> W-SAXTN-MS |                                                          | <input checked="" type="checkbox"/> Ice                                                                                  |                                                                                                                                         |                                         | 1                          | B                     |                       |                        |                    |
|                                                                                | <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                          | B                     |                       |                        |                    |
| Preserved Nutrients<br>(500mL HDPE)                                            | Acid Lot:                                                                                     | SA3013020                                                |                                                                                                                          | Exp:                                                                                                                                    | 1/25/24                                 |                            |                       |                       |                        |                    |
| Filtered Nutrients<br>(P125mL)                                                 | <input checked="" type="checkbox"/> W-PO4-F                                                   |                                                          | <input checked="" type="checkbox"/> Field Filtered 0.45µm Filter                                                         |                                                                                                                                         | <input checked="" type="checkbox"/> Ice | 1                          | B                     |                       |                        |                    |
|                                                                                |                                                                                               |                                                          | Filter Lot #                                                                                                             |                                                                                                                                         | 17413308                                |                            |                       |                       |                        |                    |
| Quantitative Algae                                                             | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                                                  |                                                          | <input type="checkbox"/> Ice                                                                                             |                                                                                                                                         | Lugols? Y / N                           |                            |                       |                       |                        |                    |
| Relinquished By:                                                               | Date/Time                                                                                     | Number of Coolers Shipped                                |                                                                                                                          | Received By:                                                                                                                            | Date/Time                               |                            |                       |                       |                        |                    |
| RENK                                                                           | 3/23/23<br>1500                                                                               | 1                                                        |                                                                                                                          | RENK                                                                                                                                    | 3/24/23 1020                            |                            |                       |                       |                        |                    |



Tracking # 5859 4733 6921



## Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

Email scanned submittal forms to [lab.receiving@FloridaDEP.gov](mailto:lab.receiving@FloridaDEP.gov)

| RQ-2023-03-20-44                                                               |                                                                                             | Collected By:                            | RENK                                                                                                                                    |              |                                                                                   |                        |                             |                            |                              |                   |
|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------|------------------------|-----------------------------|----------------------------|------------------------------|-------------------|
| Customer:                                                                      | WQAP                                                                                        | Field Report Prepared By:                | RENK                                                                                                                                    |              |                                                                                   |                        |                             |                            |                              |                   |
| Project ID:                                                                    | BLOOM-RESP                                                                                  | Sampling Agency:                         | Orange EPD                                                                                                                              |              |                                                                                   |                        |                             |                            |                              |                   |
| Win ID: HABOC0009                                                              |                                                                                             | Comments: SUNNY, SLIGHT BREEZE           |                                                                                                                                         |              |                                                                                   |                        |                             |                            |                              |                   |
| Lake Speer - NW Lobe                                                           |                                                                                             | Syringe: 2298556                         |                                                                                                                                         |              |                                                                                   |                        |                             |                            |                              |                   |
| Field ID: HABOC0009_LakeSpeer1                                                 |                                                                                             | Coordinates:                             | 28.483104, -81.602176                                                                                                                   |              |                                                                                   |                        |                             |                            |                              |                   |
| WIN ID: HABOC0009                                                              |                                                                                             | Collection Equip:                        | Sample bottles, Syringe                                                                                                                 |              |                                                                                   |                        |                             |                            |                              |                   |
| Matrix:                                                                        | Fresh                                                                                       | High Tide Time:                          | Low Tide Time:                                                                                                                          |              |                                                                                   |                        |                             |                            |                              |                   |
| 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) |
| 3/23/23                                                                        | 1055                                                                                        | 98.7                                     | 2.5                                                                                                                                     | 22.5         | 6.9                                                                               | 0.3                    | 0.6                         | 0.6 S                      | 222                          |                   |
| Bloom Observations                                                             |                                                                                             |                                          |                                                                                                                                         |              |                                                                                   |                        |                             |                            |                              |                   |
| Algal Bloom Observed? <input type="checkbox"/> Yes <input type="checkbox"/> No |                                                                                             |                                          |                                                                                                                                         |              |                                                                                   |                        |                             |                            |                              |                   |
| Water Surface                                                                  | <input type="checkbox"/> Clear                                                              | <input type="checkbox"/> Scum            | <input checked="" type="checkbox"/> Globs                                                                                               |              | <input type="checkbox"/> Slick                                                    |                        |                             |                            |                              |                   |
| 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                                                                                                          |              | Other: _____                                                                      |                        |                             |                            | <input type="checkbox"/> N/A |                   |
| Algae Distribution                                                             | <input checked="" type="checkbox"/> Suspended in water column                               |                                          | <input type="checkbox"/> On surface                                                                                                     |              | Other: _____                                                                      |                        |                             |                            | <input type="checkbox"/> N/A |                   |
| Water Odors                                                                    | <input checked="" type="checkbox"/> Normal                                                  | <input type="checkbox"/> Sewage          | <input type="checkbox"/> Petroleum                                                                                                      |              | <input type="checkbox"/> Chemical                                                 |                        |                             |                            | Other: _____                 |                   |
| Parameter Suite                                                                | Parameter Methods                                                                           |                                          |                                                                                                                                         |              | Preservation                                                                      |                        | pH<br>Check                 | #Bottles<br>Sent to<br>Lab | Bottle<br>Group              |                   |
| Bloom ID (PT-50mL)                                                             | <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 (BG-WD250)                                                              | <input checked="" type="checkbox"/> W-MCYST-AA <input checked="" type="checkbox"/> SAXTN-MS |                                          |                                                                                                                                         |              | <input checked="" type="checkbox"/> Ice                                           |                        |                             | 1                          | B                            |                   |
| Preserved Nutrients<br>(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 type="checkbox"/> <2 | 1                          | B                            |                   |
| Filtered Nutrients<br>(P125mL)                                                 | <input checked="" type="checkbox"/> W-PO4-F                                                 |                                          | <input checked="" type="checkbox"/> Field Filtered 0.45µm Filter                                                                        |              | <input checked="" type="checkbox"/> Ice                                           |                        |                             | 1                          | B                            |                   |
| Quantitative Algae                                                             | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                                                |                                          |                                                                                                                                         |              | <input type="checkbox"/> Ice                                                      |                        | Lugols? Y / N               |                            |                              |                   |
| Relinquished By:                                                               | Date/Time                                                                                   | Number of Coolers Shipped                |                                                                                                                                         |              | Received By:                                                                      |                        | Date/Time                   |                            |                              |                   |
| RENK                                                                           | 3/23/23<br>1500                                                                             | 1                                        |                                                                                                                                         |              | RENK                                                                              |                        | 3/24/23 1020                |                            |                              |                   |



Date of Request: 16-MAR-2023  
 Created By: BEARDEN\_M On: 16-MAR-2023  
 Modified By: JASROTIA\_P On: 20-MAR-2023  
 Customer: WQAP  
 Project: BLOOM-RESP  
 Division: Division of Environmental Assessment and Restoration  
 District:  
 Event Description: Algal Bloom Response - Orange Co

**Send Coolers To:**

Phone: 407-897-4123  
 3319 Maguire Blvd  
  
 Orlando, FL 32803  
 Attn: Matthew Bearden - FDEP  
 Cooler Ship EMail: matthew.bearden@dep.state.fl.us

Priority: 1  
 Event Status: A  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 20-MAR-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 20-MAR-2023  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 24-MAR-2023  
 Logged In By:

**Send Final Report To:**

3319 Maguire Blvd  
  
 Orlando, FL 32083  
 Attn: Matthew Bearden  
 Report Notification EMail:  
 matthew.bearden@dep.state.fl.us;jessie.atchison@floridadep.go  
 v

Comments: Bottle Group A – Priority 1  
 For algal dominant taxon  
  
 Bottle Group B – Priority 1  
 For toxin testing, nutrients, chlorophyll  
  
 Bottle Group C | Priority 1  
 HAB Blank - Nutrients and toxin testing

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 2 Samples:**

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: PT-50ML | Number of Bottles: 2 | Preserved With: ICE                                                 |
| BLOOM-ID             | Template: DEFAULT    | (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample |

**Bottle Group B (Water) With 2 Samples:**

|                      |                      |                                                                                                       |
|----------------------|----------------------|-------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L   | Number of Bottles: 2 | Preserved With: ICE                                                                                   |
| CHLSUITE-W           | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-125ML | Number of Bottles: 2 | 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: 2 | 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: 2 | 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.

