

# Login Checklist

RQ- 2023-07-31-07

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/7/23 @ 0923

| *Cooler Temperature | Samples Frozen?<br>YES | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|------------------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                        | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |    | *Intact? |    |                    |
|                     |                        |                                        |          |                                       | Yes           | No | Yes      | No |                    |
| 1.6                 |                        |                                        |          | 18                                    |               | x  |          |    | 64848459696        |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |

## 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 \_\_\_\_\_ 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: 11/7/23

Event contains NCRs (Y/N)? N

Event ID: Algal Bloom Response - CEROC  
CEN-DIST-2023-11-07-01 (BLOOM-RESP)

Date Received: 07-NOV-2023 09:23

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                               |
|--------------------------|-------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #3 Exp:10/16/2024 |
| pH Test Strips 0 – 6     | Lot#223819BV   Exp:8/15/24    |
| pH Paper 0 – 3           |                               |
| pH Paper 0 – 13          | Lot#207621   Exp:3/15/24      |
| Chlorine Test Strips     | Lot#2313   Exp:7/25           |

### 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)

|                                                                                                  |                                                                                                                                |                                                     |                                         |                                                                                                                                         |                                  |                                               |                             |                           |                               |                          |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|-----------------------------|---------------------------|-------------------------------|--------------------------|
| <b>RQ - 2023-07-31-07</b>                                                                        |                                                                                                                                | <b>Collected By:</b>                                |                                         | Matt Bearden, Katie March                                                                                                               |                                  |                                               |                             |                           |                               |                          |
| <b>Customer:</b>                                                                                 | CEN-DIST                                                                                                                       | <b>Field Report Prepared By:</b>                    |                                         | Katie March                                                                                                                             |                                  |                                               |                             |                           |                               |                          |
| <b>Project ID:</b>                                                                               | BLOOM_RESP                                                                                                                     | <b>Sampling Agency:</b>                             |                                         | CEROC                                                                                                                                   |                                  |                                               |                             |                           |                               |                          |
| <b>Location:</b> Lake Minnehaha - E Dock                                                         |                                                                                                                                |                                                     | <b>Comments:</b>                        |                                                                                                                                         |                                  |                                               |                             |                           |                               |                          |
| <b>Field ID:</b> HABCE0194                                                                       |                                                                                                                                |                                                     | <b>Coordinates:</b>                     | 28.63208, -81.35169                                                                                                                     |                                  |                                               |                             |                           |                               |                          |
| <b>WIN Secondary Resource Type:</b> Lake                                                         |                                                                                                                                |                                                     | <b>Collection Equip:</b>                | WaterBottle                                                                                                                             |                                  |                                               |                             |                           |                               |                          |
| <b>WIN ID:</b> HABCE0194                                                                         |                                                                                                                                |                                                     | <b>High Tide Time:</b>                  |                                                                                                                                         | <b>Low Tide Time:</b>            |                                               |                             |                           |                               |                          |
| <b>Matrix:</b>                                                                                   | Fresh                                                                                                                          | <b>Grab</b>                                         | <b>Tide:</b>                            | <input type="checkbox"/> Rising <input type="checkbox"/> Falling <input type="checkbox"/> Slack <input checked="" type="checkbox"/> N/A |                                  |                                               |                             |                           |                               |                          |
| <b>Water Quality</b>                                                                             |                                                                                                                                |                                                     |                                         |                                                                                                                                         |                                  |                                               |                             |                           |                               |                          |
| <b>Date</b>                                                                                      | <b>Time</b><br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN                                         | <b>D.O.</b><br>(%)                                  | <b>D.O.</b><br>(mg/L)                   | <b>Temp</b><br>(°C)                                                                                                                     | <b>pH</b><br>(SU)                | <b>Sample Depth</b><br>(m)                    | <b>Total Depth</b><br>(m)   | <b>Secchi Disk</b><br>(m) | <b>Sp. Cond.</b><br>(µmho/cm) | <b>Salinity</b><br>(PPT) |
| 11/06/2023                                                                                       | 11:39                                                                                                                          | 97.2                                                | 8.46                                    | 21.7                                                                                                                                    | 7.29                             | 0.15                                          | 0.3                         | 0.3                       | 201.8                         | 0.1                      |
|                                                                                                  |                                                                                                                                |                                                     |                                         |                                                                                                                                         |                                  |                                               |                             |                           |                               |                          |
|                                                                                                  |                                                                                                                                |                                                     |                                         |                                                                                                                                         |                                  |                                               |                             |                           |                               |                          |
| <b>Bloom Observations</b>                                                                        |                                                                                                                                |                                                     |                                         |                                                                                                                                         |                                  |                                               |                             |                           |                               |                          |
| <b>Algal Bloom Observed?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                                                                                                                |                                                     |                                         |                                                                                                                                         |                                  |                                               |                             |                           |                               |                          |
| <b>Water Clarity</b>                                                                             | <input type="checkbox"/> Clear                                                                                                 | <input checked="" type="checkbox"/> Slightly Turbid | <input type="checkbox"/> Turbid         | <input type="checkbox"/> Opaque                                                                                                         |                                  |                                               |                             |                           |                               |                          |
| <b>Bloom Color</b>                                                                               | <input checked="" type="checkbox"/> Green                                                                                      | <input type="checkbox"/> Red                        | <input type="checkbox"/> Brown          | <input type="checkbox"/> Other:                                                                                                         |                                  |                                               |                             |                           |                               |                          |
| <b>Algae Type</b>                                                                                | <input checked="" type="checkbox"/> Planktonic                                                                                 | <input checked="" type="checkbox"/> Filamentous     | <input type="checkbox"/> Other:         |                                                                                                                                         |                                  |                                               |                             |                           |                               |                          |
| <b>Algae Accumulation</b>                                                                        | <input type="checkbox"/> Mat                                                                                                   | <input checked="" type="checkbox"/> Specks          | <input type="checkbox"/> Scum           | <input checked="" type="checkbox"/> Glob                                                                                                |                                  |                                               |                             |                           |                               |                          |
| <b>Algae Distribution</b>                                                                        | <input type="checkbox"/> Surface-Entire                                                                                        | <input checked="" type="checkbox"/> Surf-Localized  | <input type="checkbox"/> Surf-Windblown | <input checked="" type="checkbox"/> Suspended                                                                                           | <input type="checkbox"/> Benthic | <input checked="" type="checkbox"/> Epiphytic |                             |                           |                               |                          |
| <b>Parameter Suite</b>                                                                           | <b>Parameter Methods</b>                                                                                                       |                                                     |                                         | <b>Preservation</b>                                                                                                                     |                                  | <b>pH Check</b>                               | <b>#Bottles Sent to Lab</b> | <b>Bottle Group</b>       |                               |                          |
| 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 checked="" type="checkbox"/> W-COLOR                                                                                    |                                                     |                                         | <input checked="" type="checkbox"/> Ice                                                                                                 |                                  |                                               | 1                           | B                         |                               |                          |
| Preserved Nutrients (500mL HDPE)                                                                 | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP                                                        |                                                     |                                         | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4                                                       |                                  | <input checked="" type="checkbox"/> <2        | 1                           | B                         |                               |                          |
|                                                                                                  | SA3193140                                                                                                                      |                                                     |                                         | 07/31/2024                                                                                                                              |                                  |                                               |                             |                           |                               |                          |
|                                                                                                  | Acid Lot:                                                                                                                      |                                                     |                                         | Exp:                                                                                                                                    |                                  |                                               |                             |                           |                               |                          |
| Filtered Nutrients (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 # 17769663                                                                                                          |                                                     |                                         |                                                                                                                                         |                                  |                                               |                             |                           |                               |                          |
| 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                   |                           |                               |                          |
| Katie March                                                                                      | 11/06/2023 16:00                                                                                                               |                                                     | 1                                       |                                                                                                                                         | B [Signature]                    |                                               | 11/7/23 0923                |                           |                               |                          |



# Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

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

|                                                                                                                                                                                                                                                                     |                                                                                        |                                                                                                                                |                       |                                                                                                                                                      |                   |                                                                                   |                           |                                        |                               |                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|---------------------------|----------------------------------------|-------------------------------|---------------------------|
| <b>RQ - 2023-07-31-07</b>                                                                                                                                                                                                                                           |                                                                                        | <b>Collected By:</b>                                                                                                           |                       | Matt Bearden, Katie March                                                                                                                            |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Customer:</b>                                                                                                                                                                                                                                                    | CEN-DIST                                                                               | <b>Field Report Prepared By:</b>                                                                                               |                       | Katie March                                                                                                                                          |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Project ID:</b>                                                                                                                                                                                                                                                  | BLOOM_RESP                                                                             | <b>Sampling Agency:</b>                                                                                                        |                       | CEROC                                                                                                                                                |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Location:</b> Pioneer Lake - NE Shore                                                                                                                                                                                                                            |                                                                                        |                                                                                                                                |                       | <b>Comments:</b>                                                                                                                                     |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Field ID:</b> HABCE0190                                                                                                                                                                                                                                          |                                                                                        |                                                                                                                                |                       | <b>Coordinates:</b> 28.88381, -81.24214                                                                                                              |                   |                                                                                   |                           |                                        |                               |                           |
| <b>WIN Secondary Resource Type:</b> Lake                                                                                                                                                                                                                            |                                                                                        |                                                                                                                                |                       | <b>Collection Equip:</b> WaterBottle                                                                                                                 |                   |                                                                                   |                           |                                        |                               |                           |
| <b>WIN ID:</b> HABCE0190                                                                                                                                                                                                                                            |                                                                                        |                                                                                                                                |                       | <b>High Tide Time:</b>                                                                                                                               |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Matrix:</b> Fresh                                                                                                                                                                                                                                                |                                                                                        | <b>Grab</b>                                                                                                                    |                       | <b>Tide:</b> <input type="checkbox"/> Rising <input type="checkbox"/> Falling <input type="checkbox"/> Slack <input checked="" type="checkbox"/> N/A |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Water Quality</b>                                                                                                                                                                                                                                                |                                                                                        |                                                                                                                                |                       |                                                                                                                                                      |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Date</b>                                                                                                                                                                                                                                                         | <b>Time</b><br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN | <b>D.O.</b><br>(%)                                                                                                             | <b>D.O.</b><br>(mg/L) | <b>Temp</b><br>(°C)                                                                                                                                  | <b>pH</b><br>(SU) | <b>Sample Depth</b><br>(m)                                                        | <b>Total Depth</b><br>(m) | <b>Secchi Disk</b><br>(m)              | <b>Sp. Cond.</b><br>(µmho/cm) | <b>Salinity</b><br>(PPTH) |
| 11/06/2023                                                                                                                                                                                                                                                          | 09:57                                                                                  | 59.8                                                                                                                           | 5.12                  | 23.1                                                                                                                                                 | 6.6               | 0.3                                                                               | 5.5                       | 1.6                                    | 204.1                         | 0.1                       |
|                                                                                                                                                                                                                                                                     |                                                                                        |                                                                                                                                |                       |                                                                                                                                                      |                   |                                                                                   |                           |                                        |                               |                           |
|                                                                                                                                                                                                                                                                     |                                                                                        |                                                                                                                                |                       |                                                                                                                                                      |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Bloom Observations</b>                                                                                                                                                                                                                                           |                                                                                        |                                                                                                                                |                       |                                                                                                                                                      |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Algal Bloom Observed?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                    |                                                                                        |                                                                                                                                |                       |                                                                                                                                                      |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Water Clarity</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Slightly Turbid <input type="checkbox"/> Turbid <input type="checkbox"/> Opaque                                                                                             |                                                                                        |                                                                                                                                |                       |                                                                                                                                                      |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Bloom Color</b> <input checked="" type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Brown <input type="checkbox"/> Other:                                                                                                            |                                                                                        |                                                                                                                                |                       |                                                                                                                                                      |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Algae Type</b> <input checked="" type="checkbox"/> Planktonic <input type="checkbox"/> Filamentous <input type="checkbox"/> Other:                                                                                                                               |                                                                                        |                                                                                                                                |                       |                                                                                                                                                      |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Algae Accumulation</b> <input type="checkbox"/> Mat <input checked="" type="checkbox"/> Specks <input type="checkbox"/> Scum <input type="checkbox"/> Glob                                                                                                       |                                                                                        |                                                                                                                                |                       |                                                                                                                                                      |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Algae Distribution</b> <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 |                                                                                        |                                                                                                                                |                       |                                                                                                                                                      |                   |                                                                                   |                           |                                        |                               |                           |
| <b>Parameter Suite</b>                                                                                                                                                                                                                                              |                                                                                        | <b>Parameter Methods</b>                                                                                                       |                       |                                                                                                                                                      |                   | <b>Preservation</b>                                                               |                           | <b>pH Check</b>                        | <b>#Bottles Sent to Lab</b>   | <b>Bottle Group</b>       |
| 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 checked="" type="checkbox"/> W-COLOR                                                                                    |                       |                                                                                                                                                      |                   | <input checked="" type="checkbox"/> Ice                                           |                           |                                        | 1                             | B                         |
| Preserved Nutrients (500mL HDPE)                                                                                                                                                                                                                                    |                                                                                        | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP                                                        |                       |                                                                                                                                                      |                   | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |                           | <input checked="" type="checkbox"/> <2 | 1                             | B                         |
|                                                                                                                                                                                                                                                                     |                                                                                        | SA3193140                                                                                                                      |                       | Exp:                                                                                                                                                 |                   | 07/31/2024                                                                        |                           |                                        |                               |                           |
| Filtered Nutrients (P125mL)                                                                                                                                                                                                                                         |                                                                                        | <input checked="" type="checkbox"/> W-PO4-F                                                                                    |                       | <input checked="" type="checkbox"/> Field Filtered 0.45um Filter                                                                                     |                   | <input checked="" type="checkbox"/> Ice                                           |                           |                                        | 1                             | B                         |
|                                                                                                                                                                                                                                                                     |                                                                                        |                                                                                                                                |                       | Filter Lot # 17769663                                                                                                                                |                   |                                                                                   |                           |                                        |                               |                           |
| Quantitative Algae                                                                                                                                                                                                                                                  |                                                                                        | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                                                                                   |                       |                                                                                                                                                      |                   | <input type="checkbox"/> Ice <input type="checkbox"/> Lugols                      |                           |                                        |                               |                           |
| <b>Relinquished By:</b>                                                                                                                                                                                                                                             |                                                                                        | <b>Date/Time</b>                                                                                                               |                       | <b>Number of Coolers Shipped</b>                                                                                                                     |                   | <b>Received By:</b>                                                               |                           | <b>Date/Time</b>                       |                               |                           |
| Katie March                                                                                                                                                                                                                                                         |                                                                                        | 11/06/2023 16:00                                                                                                               |                       | 1                                                                                                                                                    |                   | PBAK                                                                              |                           | 11/7/23 0923                           |                               |                           |



## Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

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|                                                                                           |                                                                                                                                |                                          |                   |                                                                                                                                         |                |                                        |                      |                                                                     |                     |                |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------|----------------------|---------------------------------------------------------------------|---------------------|----------------|
| RQ - 2023-07-31-07                                                                        |                                                                                                                                | Collected By:                            |                   | Matt Bearden, Katie March                                                                                                               |                |                                        |                      |                                                                     |                     |                |
| Customer:                                                                                 | CEN-DIST                                                                                                                       | Field Report Prepared By:                |                   | Katie March                                                                                                                             |                |                                        |                      |                                                                     |                     |                |
| Project ID:                                                                               | BLOOM_RESP                                                                                                                     | Sampling Agency:                         |                   | CEROC                                                                                                                                   |                |                                        |                      |                                                                     |                     |                |
| Location: Lake Howell - N Shore                                                           |                                                                                                                                |                                          | Comments:         |                                                                                                                                         |                |                                        |                      |                                                                     |                     |                |
| Field ID: HABCE0212                                                                       |                                                                                                                                |                                          | Coordinates:      | 28.64341, -81.31149                                                                                                                     |                |                                        |                      |                                                                     |                     |                |
| WIN Secondary Resource Type: Lake                                                         |                                                                                                                                |                                          | Collection Equip: | WaterBottle                                                                                                                             |                |                                        |                      |                                                                     |                     |                |
| WIN ID: HABCE0212                                                                         |                                                                                                                                |                                          | 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. (%)                                 | D.O. (mg/L)       | Temp (°C)                                                                                                                               | pH (SU)        | Sample Depth (m)                       | Total Depth (m)      | Secchi Disk (m)                                                     | Sp. Cond. (µmho/cm) | Salinity (PPT) |
| 11/06/2023                                                                                | 11:08                                                                                                                          | 87.8                                     | 7.79              | 21.2                                                                                                                                    | 6.83           | 0.25                                   | 0.5                  | 0.5                                                                 | 160.1               | 0.08           |
|                                                                                           |                                                                                                                                |                                          |                   |                                                                                                                                         |                |                                        |                      |                                                                     |                     |                |
|                                                                                           |                                                                                                                                |                                          |                   |                                                                                                                                         |                |                                        |                      |                                                                     |                     |                |
| Bloom Observations                                                                        |                                                                                                                                |                                          |                   |                                                                                                                                         |                |                                        |                      |                                                                     |                     |                |
| Algal Bloom Observed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                                                                                |                                          |                   |                                                                                                                                         |                |                                        |                      |                                                                     |                     |                |
| Water Clarity                                                                             | <input checked="" type="checkbox"/> Clear                                                                                      | <input type="checkbox"/> Slightly Turbid |                   | <input type="checkbox"/> Turbid                                                                                                         |                | <input type="checkbox"/> Opaque        |                      |                                                                     |                     |                |
| Bloom Color                                                                               | <input type="checkbox"/> Green                                                                                                 | <input type="checkbox"/> Red             |                   | <input type="checkbox"/> Brown                                                                                                          |                | <input type="checkbox"/> Other:        |                      |                                                                     |                     |                |
| Algae Type                                                                                | <input type="checkbox"/> Planktonic                                                                                            | <input type="checkbox"/> Filamentous     |                   | <input type="checkbox"/> Other:                                                                                                         |                |                                        |                      |                                                                     |                     |                |
| Algae Accumulation                                                                        | <input type="checkbox"/> Mat                                                                                                   | <input 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 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 checked="" type="checkbox"/> W-COLOR                                                                                    |                                          |                   | <input checked="" type="checkbox"/> Ice                                                                                                 |                |                                        | 1                    | B                                                                   |                     |                |
| Preserved Nutrients (500mL HDPE)                                                          | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP                                                        |                                          |                   | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4                                                       |                | <input checked="" type="checkbox"/> <2 | 1                    | B                                                                   |                     |                |
|                                                                                           | SA3193140                                                                                                                      |                                          |                   | 07/31/2024                                                                                                                              |                |                                        |                      |                                                                     |                     |                |
|                                                                                           | Acid Lot:                                                                                                                      |                                          |                   | Exp:                                                                                                                                    |                |                                        |                      |                                                                     |                     |                |
| Filtered Nutrients (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 # 17769663                                                                                                          |                                          |                   |                                                                                                                                         |                |                                        |                      |                                                                     |                     |                |
| 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                              |                      |                                                                     |                     |                |
| Katie March                                                                               | 11/06/2023 16:00                                                                                                               | 1                                        |                   |                                                                                                                                         |                | 11/7/23 0923                           |                      |                                                                     |                     |                |

Date of Request: 14-JUN-2023  
 Created By: BOMAN\_L On: 14-JUN-2023  
 Modified By: SWANSON\_C On: 13-JUL-2023  
 Customer: CEN-DIST  
 Project: BLOOM-RESP  
 Division:  
 District: Central District  
 Event Description: Algal Bloom Response - CEROC

**Send Coolers To:**

Phone: 407-894-7555 SC 325-1011  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Leif Boman  
 Cooler Ship Email: Leif.Boman@FloridaDep.gov

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 12-JUL-2023  
 Biology Request Reviewed By: SWANSON\_C On: 13-JUL-2023  
 Sampling Kit Required: YES Ship on: 21-JUL-2023  
 Sampling Kit Shipped: YES On: 17-JUL-2023  
 Sampling Kit Packed By: PENDLETO\_C  
 Preservatives Needed: NO  
 Date to Receive Samples: 31-JUL-2023  
 Logged In By: PENDLETO\_C On: 02-NOV-2023

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Jessie Atchison  
 Report Notification Email: Jessie.Atchison@FloridaDEP.gov

Comments: 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 toxin testing, nutrients, chlorophyll, algal full ID

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 8 Samples:**

Bottle Type: PT-50ML Number of Bottles: 8 Preserved With: ICE  
 BLOOM-ID Template: DEFAULT (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

**Bottle Group B (Water) With 8 Samples:**

Bottle Type: BP-1L Number of Bottles: 8 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: 8 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: 8 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: 8 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: 8 Preserved With: FILTER-ICE

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**Bottle Group B (Water) With 8 Samples:**

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 8 | 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 |

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