

# Login Checklist

RQ-2024 - 03 - 04 - 72

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 06/18/2024 / 09:04

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 0.7C                |                 |                                        |          | 12                                    |               | X  |          |    | 5859 4736 7770     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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/ FieldSheet(s) Included?

Yes \_\_\_\_\_ No X

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_ Containers intact? Yes X No \_\_\_\_\_

Caps on tight?

Yes X No \_\_\_\_\_

Sufficient Sample Volume:

Yes X No \_\_\_\_\_

If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# \_\_\_\_\_

**CHLORINE CHECK REQUIRED?** (Blue dot on container)

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

Chlorine detected? (One container checked per Field ID)

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

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

## PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

\*\*Acid Preserved Samples: pH< 2.0?

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

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

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

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

Coolers Unpacked/Checked by: ABS /

Date: 06/18/2024

Event contains NCRs (Y/N)? N

Event ID: NE - DIST - 2024 - 06 - 18 - 0

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                        |
|--------------------------|------------------------|
| Infrared Thermometer ID: | IRTG#2 EXP:10/16/24    |
| pH Test Strips 0 – 6     | LOT#223819BVEXP8/15/24 |
| pH Paper 0 – 3           | N/A                    |
| pH Paper 0 – 13          | LOT228323/EXP:10/1/26  |
| Chlorine Test Strips     | 3180A 2026/04          |

### ENCORE SAMPLES

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

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

Date and time placed in freezer \_\_\_\_\_

Were all samples placed in freezer within 48 hours of collection? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

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



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

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

|                                                                                           |                                                                                                                                |                                                     |                                                                                                                                               |                                                                                   |                                  |                                        |                            |                       |                        |                   |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------|-----------------------|------------------------|-------------------|
| RQ - 2024-03-04-72                                                                        |                                                                                                                                | Collected By:                                       |                                                                                                                                               | Katie Halbert, Katrin Villinger, Haylee Brown                                     |                                  |                                        |                            |                       |                        |                   |
| Customer:                                                                                 | NE-DIST                                                                                                                        | Field Report Prepared By:                           |                                                                                                                                               | Haylee brown                                                                      |                                  |                                        |                            |                       |                        |                   |
| Project ID:                                                                               | BLOOM_RESP                                                                                                                     | Sampling Agency:                                    |                                                                                                                                               | NEROC                                                                             |                                  |                                        |                            |                       |                        |                   |
| Location: Doctors lake - wyndegate dr                                                     |                                                                                                                                |                                                     | Comments:<br>Very windy. Lots of wave action. Could have mixed in any algae                                                                   |                                                                                   |                                  |                                        |                            |                       |                        |                   |
| Field ID: NEHAB0117                                                                       |                                                                                                                                |                                                     | Coordinates: 30.15576, -81.71638                                                                                                              |                                                                                   |                                  |                                        |                            |                       |                        |                   |
| WIN Secondary Resource Type: Lake                                                         |                                                                                                                                |                                                     | Collection Equip: WaterBottle                                                                                                                 |                                                                                   |                                  |                                        |                            |                       |                        |                   |
| WIN ID: NEHAB0117                                                                         |                                                                                                                                |                                                     | High Tide Time: 07:59                                                                                                                         |                                                                                   | Low Tide Time: 16:14             |                                        |                            |                       |                        |                   |
| Matrix:                                                                                   | Marine                                                                                                                         | Grab                                                | Tide: <input type="checkbox"/> Rising <input checked="" type="checkbox"/> Falling <input type="checkbox"/> Slack <input 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) |
| 06/17/2024                                                                                | 10:50                                                                                                                          | 94                                                  | 6.81                                                                                                                                          | 29.9                                                                              | 7.57                             | 0.3                                    | 1.3                        | 0.6                   | 13699                  | 7.85              |
|                                                                                           | 10:58                                                                                                                          | 63.4                                                | 4.46                                                                                                                                          | 30.2                                                                              | 7.12                             | 0.9                                    |                            |                       | 13330                  | 7.64              |
| Bloom Observations                                                                        |                                                                                                                                |                                                     |                                                                                                                                               |                                                                                   |                                  |                                        |                            |                       |                        |                   |
| Algal Bloom Observed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                                                                                |                                                     |                                                                                                                                               |                                                                                   |                                  |                                        |                            |                       |                        |                   |
| Water Clarity                                                                             | <input type="checkbox"/> Clear                                                                                                 | <input checked="" type="checkbox"/> Slightly Turbid | <input type="checkbox"/> Turbid                                                                                                               | <input type="checkbox"/> Opaque                                                   |                                  |                                        |                            |                       |                        |                   |
| Bloom Color                                                                               | <input 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<br>Check                            | #Bottles<br>Sent to<br>Lab | Bottle<br>Group       |                        |                   |
| Algae (PT-50mL)                                                                           | <input type="checkbox"/> ALGAL-ID <input checked="" type="checkbox"/> BLOOM-ID                                                 |                                                     |                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |                                  |                                        | 1                          | A                     |                        |                   |
| Chlorophyll (BP-1L)                                                                       | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                 |                                                     |                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |                                  |                                        | 1                          | C                     |                        |                   |
| Toxins (P-125/BG-250)                                                                     | <input checked="" type="checkbox"/> W-MCYST-AA <input checked="" type="checkbox"/> W-SAXTN-MS <input type="checkbox"/> OV-TOXN |                                                     |                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |                                  |                                        | 1                          | B                     |                        |                   |
| Physical/Aggregate                                                                        | <input checked="" type="checkbox"/> W-COLOR                                                                                    |                                                     |                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |                                  |                                        | 1                          | C                     |                        |                   |
| Preserved Nutrients<br>(500mL HDPE)                                                       | W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP                                                                                            |                                                     |                                                                                                                                               | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |                                  | <input checked="" type="checkbox"/> <2 | 1                          | C                     |                        |                   |
|                                                                                           | SA3340020<br>Acid Lot:                                                                                                         |                                                     |                                                                                                                                               | 12/11/2024<br>Exp:                                                                |                                  |                                        |                            |                       |                        |                   |
| Filtered Nutrients<br>(P125mL)                                                            | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45um Filter                   |                                                     |                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |                                  |                                        | 1                          | C                     |                        |                   |
|                                                                                           | Filter Lot # 0000175533                                                                                                        |                                                     |                                                                                                                                               |                                                                                   |                                  |                                        |                            |                       |                        |                   |
| 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                              |                            |                       |                        |                   |
| Haylee brown                                                                              | 06/17/2024 11:07                                                                                                               | 1                                                   |                                                                                                                                               | A.SHAIK                                                                           |                                  | 06/18/2024 / 09:04                     |                            |                       |                        |                   |



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

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

|                                                                                                                                                                                                                                                   |                                                                                 |                                                                                                                                |                                                                                                                                               |                                                                                                                          |                      |                        |                       |                       |                        |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|-----------------------|-----------------------|------------------------|-------------------|
| RQ - 2024-03-04-72                                                                                                                                                                                                                                |                                                                                 | Collected By:                                                                                                                  |                                                                                                                                               | Katherine Halbert, Haylee Brown, Katrin Villinger                                                                        |                      |                        |                       |                       |                        |                   |
| Customer:                                                                                                                                                                                                                                         | NE-DIST                                                                         | Field Report Prepared By:                                                                                                      |                                                                                                                                               | HAYLEE BROWN                                                                                                             |                      |                        |                       |                       |                        |                   |
| Project ID:                                                                                                                                                                                                                                       | BLOOM_RESP                                                                      | Sampling Agency:                                                                                                               |                                                                                                                                               | NEROC                                                                                                                    |                      |                        |                       |                       |                        |                   |
| Location: Doctors Lake at end of Lawrence Rd                                                                                                                                                                                                      |                                                                                 |                                                                                                                                | Comments:<br>Very windy. Lots of wave action. Could have mixed in any algae                                                                   |                                                                                                                          |                      |                        |                       |                       |                        |                   |
| Field ID: NEHAB0073                                                                                                                                                                                                                               |                                                                                 |                                                                                                                                | Coordinates: 30.12915, -81.75140                                                                                                              |                                                                                                                          |                      |                        |                       |                       |                        |                   |
| WIN Secondary Resource Type: Lake                                                                                                                                                                                                                 |                                                                                 |                                                                                                                                | Collection Equip: WaterBottle                                                                                                                 |                                                                                                                          |                      |                        |                       |                       |                        |                   |
| WIN ID: NEHAB0073                                                                                                                                                                                                                                 |                                                                                 |                                                                                                                                | High Tide Time: 07:59                                                                                                                         |                                                                                                                          | Low Tide Time: 14:14 |                        |                       |                       |                        |                   |
| Matrix:                                                                                                                                                                                                                                           | Marine                                                                          | Grab                                                                                                                           | Tide: <input type="checkbox"/> Rising <input checked="" type="checkbox"/> Falling <input type="checkbox"/> Slack <input 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) |
| 06/17/2024                                                                                                                                                                                                                                        | 11:30                                                                           | 109.1                                                                                                                          | 7.81                                                                                                                                          | 30.9                                                                                                                     | 8.08                 | 0.3                    | 0.88                  | 0.4                   | 12807                  | 7.29              |
| Bloom Observations                                                                                                                                                                                                                                |                                                                                 |                                                                                                                                |                                                                                                                                               |                                                                                                                          |                      |                        |                       |                       |                        |                   |
| Algal Bloom Observed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                         |                                                                                 |                                                                                                                                |                                                                                                                                               |                                                                                                                          |                      |                        |                       |                       |                        |                   |
| Water Clarity <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Slightly Turbid <input type="checkbox"/> Turbid <input type="checkbox"/> Opaque                                                                                  |                                                                                 |                                                                                                                                |                                                                                                                                               |                                                                                                                          |                      |                        |                       |                       |                        |                   |
| Bloom Color <input 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                     | C                     |                        |                   |
| Toxins (P-125/BG-250)                                                                                                                                                                                                                             |                                                                                 | <input checked="" type="checkbox"/> W-MCYST-AA <input checked="" type="checkbox"/> W-SAXTN-MS <input type="checkbox"/> OV-TOXN |                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                                                                  |                      |                        | 1                     | B                     |                        |                   |
| Physical/Aggregate                                                                                                                                                                                                                                |                                                                                 | <input checked="" type="checkbox"/> W-COLOR                                                                                    |                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                                                                  |                      |                        | 1                     | C                     |                        |                   |
| Preserved Nutrients (500mL HDPE)                                                                                                                                                                                                                  |                                                                                 | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP                                                        |                                                                                                                                               | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 <input checked="" type="checkbox"/> <2 |                      |                        | 1                     | C                     |                        |                   |
|                                                                                                                                                                                                                                                   |                                                                                 | SA3340020                                                                                                                      |                                                                                                                                               | 12/11/2024                                                                                                               |                      |                        |                       |                       |                        |                   |
|                                                                                                                                                                                                                                                   |                                                                                 | 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                     | C                     |                        |                   |
|                                                                                                                                                                                                                                                   |                                                                                 | Filter Lot # 0000175533                                                                                                        |                                                                                                                                               |                                                                                                                          |                      |                        |                       |                       |                        |                   |
| 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             |                        |                   |
| HAYLEE BROWN                                                                                                                                                                                                                                      |                                                                                 | 06/17/2024 11:36                                                                                                               |                                                                                                                                               | 1                                                                                                                        |                      |                        |                       |                       |                        |                   |



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

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

|                                                                                           |                                                                                                                                                                                                                                |                           |                                                                             |                                                                                                                                         |                      |                                        |                            |                       |                        |                    |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------|----------------------------|-----------------------|------------------------|--------------------|
| RQ - 2024-03-04-72                                                                        |                                                                                                                                                                                                                                | Collected By:             |                                                                             | Katie Halbert, Katrin Villinger, Haylee Brown                                                                                           |                      |                                        |                            |                       |                        |                    |
| Customer:                                                                                 | NE-DIST                                                                                                                                                                                                                        | Field Report Prepared By: |                                                                             | Haylee brown                                                                                                                            |                      |                                        |                            |                       |                        |                    |
| Project ID:                                                                               | BLOOM_RESP                                                                                                                                                                                                                     | Sampling Agency:          |                                                                             | NEROC                                                                                                                                   |                      |                                        |                            |                       |                        |                    |
| Location: Doctors lake - wyndegate dr                                                     |                                                                                                                                                                                                                                |                           | Comments:<br>Very windy. Lots of wave action. Could have mixed in any algae |                                                                                                                                         |                      |                                        |                            |                       |                        |                    |
| Field ID: NEHAB0117                                                                       |                                                                                                                                                                                                                                |                           | Coordinates:                                                                | 30.15576, -81.71638                                                                                                                     |                      |                                        |                            |                       |                        |                    |
| WIN Secondary Resource Type: Lake                                                         |                                                                                                                                                                                                                                |                           | Collection Equip:                                                           | WaterBottle                                                                                                                             |                      |                                        |                            |                       |                        |                    |
| WIN ID: NEHAB0117                                                                         |                                                                                                                                                                                                                                |                           | High Tide Time:                                                             | 07:59                                                                                                                                   | Low Tide Time: 16:14 |                                        |                            |                       |                        |                    |
| Matrix:                                                                                   | Marine                                                                                                                                                                                                                         | Grab                      | Tide:                                                                       | <input type="checkbox"/> Rising <input checked="" type="checkbox"/> Falling <input type="checkbox"/> Slack <input 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) |
| 06/17/2024                                                                                | 10:50                                                                                                                                                                                                                          | 94                        | 6.81                                                                        | 29.9                                                                                                                                    | 7.57                 | 0.3                                    | 1.3                        | 0.6                   | 13699                  | 7.85               |
|                                                                                           | 10:58                                                                                                                                                                                                                          | 63.4                      | 4.46                                                                        | 30.2                                                                                                                                    | 7.12                 | 0.9                                    |                            |                       | 13330                  | 7.64               |
| Bloom Observations                                                                        |                                                                                                                                                                                                                                |                           |                                                                             |                                                                                                                                         |                      |                                        |                            |                       |                        |                    |
| Algal Bloom Observed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                                                                                                                                                                                |                           |                                                                             |                                                                                                                                         |                      |                                        |                            |                       |                        |                    |
| Water Clarity                                                                             | <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Slightly Turbid <input type="checkbox"/> Turbid <input type="checkbox"/> Opaque                                                                             |                           |                                                                             |                                                                                                                                         |                      |                                        |                            |                       |                        |                    |
| Bloom Color                                                                               | <input 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<br>Check                            | #Bottles<br>Sent to<br>Lab | Bottle<br>Group       |                        |                    |
| Algae (PT-50mL)                                                                           | <input type="checkbox"/> ALGAL-ID <input checked="" type="checkbox"/> BLOOM-ID                                                                                                                                                 |                           |                                                                             | <input checked="" type="checkbox"/> Ice                                                                                                 |                      |                                        | 1                          | A                     |                        |                    |
| Chlorophyll (BP-1L)                                                                       | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                 |                           |                                                                             | <input checked="" type="checkbox"/> Ice                                                                                                 |                      |                                        | 1                          | C                     |                        |                    |
| Toxins (P-125/BG-250)                                                                     | <input checked="" type="checkbox"/> W-MCYST-AA <input checked="" type="checkbox"/> W-SAXTN-MS <input type="checkbox"/> OV-TOXN                                                                                                 |                           |                                                                             | <input checked="" type="checkbox"/> Ice                                                                                                 |                      |                                        | 1                          | B                     |                        |                    |
| Physical/Aggregate                                                                        | <input checked="" type="checkbox"/> W-COLOR                                                                                                                                                                                    |                           |                                                                             | <input checked="" type="checkbox"/> Ice                                                                                                 |                      |                                        | 1                          | C                     |                        |                    |
| Preserved Nutrients<br>(500mL HDPE)                                                       | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP                                                                                                                                                        |                           |                                                                             | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4                                                       |                      | <input checked="" type="checkbox"/> <2 | 1                          | C                     |                        |                    |
|                                                                                           | SA3340020<br>Acid Lot:                                                                                                                                                                                                         |                           |                                                                             | 12/11/2024<br>Exp:                                                                                                                      |                      |                                        |                            |                       |                        |                    |
| Filtered Nutrients<br>(P125mL)                                                            | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45um Filter                                                                                                                   |                           |                                                                             | <input checked="" type="checkbox"/> Ice                                                                                                 |                      |                                        | 1                          | C                     |                        |                    |
|                                                                                           | Filter Lot # 0000175533                                                                                                                                                                                                        |                           |                                                                             |                                                                                                                                         |                      |                                        |                            |                       |                        |                    |
| 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                              |                            |                       |                        |                    |
| Haylee brown                                                                              | 06/17/2024 11:07                                                                                                                                                                                                               | 1                         |                                                                             | A.SHAIK                                                                                                                                 |                      | 06/18/2024 / 09:04                     |                            |                       |                        |                    |



## 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 - 2024-03-04-72</b>                                                                        |                                                                                                                                | <b>Collected By:</b>                                                               |                                                                                    | Katherine Halbert, Haylee Brown, Katrin Villinger                                                                                       |                             |                                        |                             |                                                                     |                            |                       |
| <b>Customer:</b>                                                                                 | NE-DIST                                                                                                                        | <b>Field Report Prepared By:</b>                                                   |                                                                                    | HAYLEE BROWN                                                                                                                            |                             |                                        |                             |                                                                     |                            |                       |
| <b>Project ID:</b>                                                                               | BLOOM_RESP                                                                                                                     | <b>Sampling Agency:</b>                                                            |                                                                                    | NEROC                                                                                                                                   |                             |                                        |                             |                                                                     |                            |                       |
| <b>Location:</b> Doctors Lake at end of Lawrence Rd                                              |                                                                                                                                |                                                                                    | <b>Comments:</b><br>Very windy. Lots of wave action. Could have mixed in any algae |                                                                                                                                         |                             |                                        |                             |                                                                     |                            |                       |
| <b>Field ID:</b> NEHAB0073                                                                       |                                                                                                                                |                                                                                    | <b>Coordinates:</b> 30.12915, -81.75140                                            |                                                                                                                                         |                             |                                        |                             |                                                                     |                            |                       |
| <b>WIN Secondary Resource Type:</b> Lake                                                         |                                                                                                                                |                                                                                    | <b>Collection Equip:</b> WaterBottle                                               |                                                                                                                                         |                             |                                        |                             |                                                                     |                            |                       |
| <b>WIN ID:</b> NEHAB0073                                                                         |                                                                                                                                |                                                                                    | <b>High Tide Time:</b>                                                             | 07:59                                                                                                                                   | <b>Low Tide Time:</b> 14:14 |                                        |                             |                                                                     |                            |                       |
| <b>Matrix:</b>                                                                                   | Marine                                                                                                                         | <b>Grab</b>                                                                        | <b>Tide:</b>                                                                       | <input type="checkbox"/> Rising <input checked="" type="checkbox"/> Falling <input type="checkbox"/> Slack <input 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>                                                                    | <b>D.O. (mg/L)</b>                                                                 | <b>Temp (°C)</b>                                                                                                                        | <b>pH (SU)</b>              | <b>Sample Depth (m)</b>                | <b>Total Depth (m)</b>      | <b>Secchi Disk (m)</b>                                              | <b>Sp. Cond. (µmho/cm)</b> | <b>Salinity (PPT)</b> |
| 06/17/2024                                                                                       | 11:30                                                                                                                          | 109.1                                                                              | 7.81                                                                               | 30.9                                                                                                                                    | 8.08                        | 0.3                                    | 0.88                        | 0.4                                                                 | 12807                      | 7.29                  |
|                                                                                                  |                                                                                                                                |                                                                                    |                                                                                    |                                                                                                                                         |                             |                                        |                             |                                                                     |                            |                       |
|                                                                                                  |                                                                                                                                |                                                                                    |                                                                                    |                                                                                                                                         |                             |                                        |                             |                                                                     |                            |                       |
| <b>Bloom Observations</b>                                                                        |                                                                                                                                |                                                                                    |                                                                                    |                                                                                                                                         |                             |                                        |                             |                                                                     |                            |                       |
| <b>Algal Bloom Observed?</b> <input type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Green <input type="checkbox"/> Red                        |                                                                                    | <input type="checkbox"/> Brown                                                                                                          |                             | <input type="checkbox"/> Other:        |                             |                                                                     |                            |                       |
| <b>Algae Type</b>                                                                                |                                                                                                                                | <input type="checkbox"/> Planktonic <input type="checkbox"/> Filamentous           |                                                                                    | <input type="checkbox"/> Other:                                                                                                         |                             |                                        |                             |                                                                     |                            |                       |
| <b>Algae Accumulation</b>                                                                        |                                                                                                                                | <input type="checkbox"/> Mat <input 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 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                           | C                                                                   |                            |                       |
| Toxins (P-125/BG-250)                                                                            | <input checked="" type="checkbox"/> W-MCYST-AA <input checked="" type="checkbox"/> W-SAXTN-MS <input type="checkbox"/> OV-TOXN |                                                                                    |                                                                                    | <input checked="" type="checkbox"/> Ice                                                                                                 |                             |                                        | 1                           | B                                                                   |                            |                       |
| Physical/Aggregate                                                                               | <input checked="" type="checkbox"/> W-COLOR                                                                                    |                                                                                    |                                                                                    | <input checked="" type="checkbox"/> Ice                                                                                                 |                             |                                        | 1                           | C                                                                   |                            |                       |
| Preserved Nutrients (500mL HDPE)                                                                 | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP                                                        |                                                                                    |                                                                                    | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4                                                       |                             | <input checked="" type="checkbox"/> <2 | 1                           | C                                                                   |                            |                       |
|                                                                                                  | SA3340020                                                                                                                      |                                                                                    |                                                                                    | 12/11/2024                                                                                                                              |                             |                                        |                             |                                                                     |                            |                       |
| Filtered Nutrients (P125mL)                                                                      | Acid Lot:                                                                                                                      |                                                                                    |                                                                                    | Exp:                                                                                                                                    |                             |                                        |                             |                                                                     |                            |                       |
|                                                                                                  | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45um Filter                   |                                                                                    |                                                                                    | <input checked="" type="checkbox"/> Ice                                                                                                 |                             |                                        | 1                           | C                                                                   |                            |                       |
| Filter Lot # 0000175533                                                                          |                                                                                                                                |                                                                                    |                                                                                    |                                                                                                                                         |                             |                                        |                             |                                                                     |                            |                       |
| 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                              |                             |                                                                     |                            |                       |
| HAYLEE BROWN                                                                                     | 06/17/2024 11:36                                                                                                               | 1                                                                                  |                                                                                    | A.SHAIK                                                                                                                                 |                             | 06/18/2024 / 09:04                     |                             |                                                                     |                            |                       |

Date of Request: 20-FEB-2024  
Created By: VILLINGE\_K On: 20-FEB-2024  
Modified By: JASROTIA\_P On: 21-FEB-2024  
Customer: NE-DIST  
Project: BLOOM-RESP  
Division: Division of Environmental Assessment and Restoration  
District: Northeast District  
Event Description: Algae Bloom Response NERO- as needed

**Send Coolers To:**

Phone: 904-807-3300  
8800 Baymeadows Way West  
Suite 100  
Jacksonville, FL 32256  
Attn: Katrin Villinger  
Cooler Ship EMail: Katrin.villinger@floridadep.gov

Priority: 1  
Event Status: R  
Criminal Investigation: NO  
Chemistry Request Reviewed By: AYRES\_J On: 21-FEB-2024  
Biology Request Reviewed By: JASROTIA\_P On: 21-FEB-2024  
Sampling Kit Required: YES Ship on: 28-FEB-2024  
Sampling Kit Shipped: YES On: 26-FEB-2024  
Sampling Kit Packed By: KREUCH\_B  
Preservatives Needed: NO  
Date to Receive Samples: 04-MAR-2024  
Logged In By: SHAIK\_A On: 18-JUN-2024

**Send Final Report To:**

8800 Baymeadows Way West  
Suite 100  
Jacksonville, FL 32256  
Attn: Katrin Villinger  
Report Notification EMail: Katrin.Villinger@floridadep.gov

Comments: ONLY LABELS AND COOLERS NEEDED, we have leftover bottles from an unused RQ.

LOG-IN STAFF: Please print two copies of algal job labels at login.

\*\*\*\*\*

Bottle Group A - Priority 1 for algal dominant taxon.

Bottle Group B - Priority 1 for toxin testing.

Bottle Group C - Priority 3 (nutrients); Priority 4 (chlorophyll)

Bottle Group D - Priority 1 (Field Blank for Toxin); Priority 3 (field blank for Nutrients).

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgement to decide which samples are appropriate to collect for a particular response. All sets of bottles do not have to be filled at one time.

ONLY LABELS AND COOLERS NEEDED, we have leftover bottles from an unused RQ.

**Bottle Group A (Biological) With 10 Samples:**

Bottle Type: PT-50ML      Number of Bottles: 10      Preserved With: ICE  
BLOOM-ID      Template: DEFAULT      (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

**Bottle Group B (Water) With 10 Samples:**

Bottle Type: P-125ML      Number of Bottles: 10      Preserved With: ICE  
W-MCYST-AA      Template: DEFAULT      (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS  
W-SAXTN-MS      Template: DEFAULT      (EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS

**Bottle Group C (Water) With 10 Samples:**

Bottle Type: BP-1L      Number of Bottles: 10      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: 10      Preserved With: ICE  
W-COLOR      Template: DEFAULT      (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)  
Color (true)

Bottle Type: P-500ML      Number of Bottles: 10      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

**Bottle Group C (Water) With 10 Samples:**

|                      |                       |                                                                                          |
|----------------------|-----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 10 | Preserved With: ICE And H2SO4                                                            |
| W-TKN                | Template: DEFAULT     | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                         |
| Bottle Type: P-125ML | Number of Bottles: 10 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT     | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |
| Bottle Type: P-250ML | Number of Bottles: 1 | Preserved With: ICE                                                                      |
| W-COLOR              | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)       |
| Color (true)         |                      |                                                                                          |
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: ICE                                                                      |
| W-MCYST-AA           | Template: DEFAULT    | (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS                                 |
| W-SAXTN-MS           | Template: DEFAULT    | (EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS                                    |
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                            |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                               |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                       |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                      |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                         |

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