



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 - 2024-05-20-42                                                                        |                                                                                 |                                                                                                                                |                | Collected By:                                         |            | Jessie Atchison, Terry Riordan                                                    |                              |                                                                                                                                         |                        |                                                                     |  |
| Customer:                                                                                 |                                                                                 | CEN DIST                                                                                                                       |                | Field Report Prepared By:                             |            | Jessie Atchison                                                                   |                              |                                                                                                                                         |                        |                                                                     |  |
| Project ID:                                                                               |                                                                                 | BLOOM_RESP                                                                                                                     |                | Sampling Agency:                                      |            | CEROC                                                                             |                              |                                                                                                                                         |                        |                                                                     |  |
| Location: Cypress Lake - West Lobe                                                        |                                                                                 |                                                                                                                                |                | Comments: Sunny. Slight breeze.                       |            |                                                                                   |                              |                                                                                                                                         |                        |                                                                     |  |
| Field ID: HABCE0228                                                                       |                                                                                 |                                                                                                                                |                | Coordinates:                                          |            | 28.47968, -81.57026                                                               |                              |                                                                                                                                         |                        |                                                                     |  |
| WIN Secondary Resource Type: Lake                                                         |                                                                                 |                                                                                                                                |                | Collection Equip:                                     |            | WaterBottle                                                                       |                              |                                                                                                                                         |                        |                                                                     |  |
| WIN ID: HABCE0228                                                                         |                                                                                 |                                                                                                                                |                | High Tide Time:                                       |            |                                                                                   |                              | Low Tide Time:                                                                                                                          |                        |                                                                     |  |
| Matrix:                                                                                   |                                                                                 | Fresh                                                                                                                          |                | Grab                                                  |            | Tide:                                                                             |                              | <input type="checkbox"/> Rising <input type="checkbox"/> Falling <input type="checkbox"/> Slack <input checked="" type="checkbox"/> N/A |                        |                                                                     |  |
| Water Quality                                                                             |                                                                                 |                                                                                                                                |                |                                                       |            |                                                                                   |                              |                                                                                                                                         |                        |                                                                     |  |
| Date                                                                                      | Time<br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN | D.O.<br>(%)                                                                                                                    | D.O.<br>(mg/L) | Temp<br>(°C)                                          | pH<br>(SU) | Sample<br>Depth<br>(m)                                                            | Total<br>Depth<br>(m)        | Secchi<br>Disk<br>(m)                                                                                                                   | Sp. Cond.<br>(µmho/cm) | Salinity<br>(PPTH)                                                  |  |
| 05/23/2024                                                                                | 10:20                                                                           | 106.4                                                                                                                          | 8.2            | 29                                                    | 8.95       | 0.3                                                                               | 2.4                          | 0.3                                                                                                                                     | 282.9                  | 0.13                                                                |  |
|                                                                                           |                                                                                 |                                                                                                                                |                |                                                       |            |                                                                                   |                              |                                                                                                                                         |                        |                                                                     |  |
|                                                                                           |                                                                                 |                                                                                                                                |                |                                                       |            |                                                                                   |                              |                                                                                                                                         |                        |                                                                     |  |
| Bloom Observations                                                                        |                                                                                 |                                                                                                                                |                |                                                       |            |                                                                                   |                              |                                                                                                                                         |                        |                                                                     |  |
| Algal Bloom Observed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                                                                 |                                                                                                                                |                |                                                       |            |                                                                                   |                              |                                                                                                                                         |                        |                                                                     |  |
| Water Clarity                                                                             |                                                                                 | <input type="checkbox"/> Clear                                                                                                 |                | <input type="checkbox"/> Slightly Turbid              |            | <input checked="" type="checkbox"/> Turbid                                        |                              | <input type="checkbox"/> Opaque                                                                                                         |                        |                                                                     |  |
| Bloom Color                                                                               |                                                                                 | <input checked="" type="checkbox"/> Green                                                                                      |                | <input type="checkbox"/> Red                          |            | <input type="checkbox"/> Brown                                                    |                              | <input type="checkbox"/> Other:                                                                                                         |                        |                                                                     |  |
| Algae Type                                                                                |                                                                                 | <input checked="" type="checkbox"/> Planktonic                                                                                 |                | <input type="checkbox"/> Filamentous                  |            | <input type="checkbox"/> Other:                                                   |                              |                                                                                                                                         |                        |                                                                     |  |
| Algae Accumulation                                                                        |                                                                                 | <input type="checkbox"/> Mat                                                                                                   |                | <input checked="" type="checkbox"/> Specks            |            | <input type="checkbox"/> Scum                                                     |                              | <input type="checkbox"/> Glob                                                                                                           |                        |                                                                     |  |
| Algae Distribution                                                                        |                                                                                 | <input type="checkbox"/> Surface-Entire                                                                                        |                | <input type="checkbox"/> Surf-Localized               |            | <input type="checkbox"/> Surf-Windblown                                           |                              | <input checked="" type="checkbox"/> Suspended                                                                                           |                        | <input type="checkbox"/> Benthic <input type="checkbox"/> Epiphytic |  |
| Parameter Suite                                                                           |                                                                                 | Parameter Methods                                                                                                              |                |                                                       |            | Preservation                                                                      |                              | pH Check                                                                                                                                | #Bottles Sent to Lab   | Bottle Group                                                        |  |
| Algae (PT-50mL)                                                                           |                                                                                 | <input type="checkbox"/> ALGAL-ID <input checked="" type="checkbox"/> BLOOM-ID                                                 |                |                                                       |            | <input checked="" type="checkbox"/> Ice                                           |                              |                                                                                                                                         | 1                      | A                                                                   |  |
| Chlorophyll (BP-1L)                                                                       |                                                                                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                 |                |                                                       |            | <input checked="" type="checkbox"/> Ice                                           |                              |                                                                                                                                         | 1                      | 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 type="checkbox"/> W-COLOR                                                                                               |                |                                                       |            | <input type="checkbox"/> Ice                                                      |                              |                                                                                                                                         |                        |                                                                     |  |
| Preserved Nutrients (500mL HDPE)                                                          |                                                                                 | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP                                                        |                |                                                       |            | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |                              | <input checked="" type="checkbox"/> <2                                                                                                  | 1                      | C                                                                   |  |
|                                                                                           |                                                                                 | Acid Lot:                                                                                                                      |                | SA3340020                                             |            | Exp:                                                                              |                              | 12/11/2024                                                                                                                              |                        |                                                                     |  |
| Filtered Nutrients (P125mL)                                                               |                                                                                 | <input type="checkbox"/> W-PO4-F                                                                                               |                | <input type="checkbox"/> Field Filtered 0.45um Filter |            |                                                                                   | <input type="checkbox"/> Ice |                                                                                                                                         |                        |                                                                     |  |
|                                                                                           |                                                                                 |                                                                                                                                |                | Filter Lot #                                          |            |                                                                                   |                              |                                                                                                                                         |                        |                                                                     |  |
| 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              |                                                                     |  |
| Jessie Atchison                                                                           |                                                                                 | 05/23/2024 16:00                                                                                                               |                | 1                                                     |            |                                                                                   |                              |                                                                                                                                         |                        |                                                                     |  |