



# Cyanobacteria Bloom Response Field Data Sheet (2024-07-22 v1)

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

Meter Passed  
End of Day CCV

Yes / No

|                                                                                           |                                                                                 |                                                                                                                                                                                     |             |                                                           |            |                                                                                   |                       |                                                                                                                                         |                        |                                                                     |   |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------|------------|-----------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------|---|
| RQ - 2024-06-03-50                                                                        |                                                                                 |                                                                                                                                                                                     |             | Collected By:                                             |            | Ben Paswater, Sarah Meyer                                                         |                       |                                                                                                                                         |                        |                                                                     |   |
| Customer:                                                                                 |                                                                                 | SWROC                                                                                                                                                                               |             | Field Report Prepared By:                                 |            | Sarah Meyer                                                                       |                       |                                                                                                                                         |                        |                                                                     |   |
| Project ID:                                                                               |                                                                                 | BLOOM_RESP                                                                                                                                                                          |             | Sampling Agency:                                          |            | SWROC                                                                             |                       |                                                                                                                                         |                        |                                                                     |   |
| Location: Lake Thonotosassa - Center                                                      |                                                                                 |                                                                                                                                                                                     |             | Comments:                                                 |            |                                                                                   |                       |                                                                                                                                         |                        |                                                                     |   |
| Field ID / WIN ID: HAB-SW-0113                                                            |                                                                                 |                                                                                                                                                                                     |             | Coordinates:                                              |            | 28.06256, -82.27832                                                               |                       |                                                                                                                                         |                        |                                                                     |   |
| WBID: 1522B                                                                               |                                                                                 |                                                                                                                                                                                     |             | Collection Equip:                                         |            | WaterBottle                                                                       |                       |                                                                                                                                         |                        |                                                                     |   |
| WIN Secondary Resource Type: Lake                                                         |                                                                                 |                                                                                                                                                                                     |             | 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                                                                             |                                                                                 | Meter ID:                                                                                                                                                                           |             | Chewy                                                     |            | Secchi ID:                                                                        |                       | Secchi1                                                                                                                                 |                        |                                                                     |   |
| Date                                                                                      | Time<br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN | D.O.<br>(mg/L)                                                                                                                                                                      | D.O.<br>(%) | 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)                                                  |   |
| 09/10/2024                                                                                | 10:05                                                                           | 4.6                                                                                                                                                                                 | 60.1        | 29.3                                                      | 6.92       | 0.3                                                                               | 4.6                   | 0.4                                                                                                                                     | 177.8                  | 0.08                                                                |   |
|                                                                                           | 10:15                                                                           | 4.77                                                                                                                                                                                | 62.5        | 29.4                                                      | 6.96       | 2.3                                                                               |                       |                                                                                                                                         | 178.1                  | 0.08                                                                |   |
|                                                                                           | 10:17                                                                           | 0.35                                                                                                                                                                                | 4.6         | 29.4                                                      | 6.24       | 4.1                                                                               |                       |                                                                                                                                         | 278.2                  | 0.13                                                                |   |
| Bloom Observations                                                                        |                                                                                 |                                                                                                                                                                                     |             |                                                           |            |                                                                                   |                       |                                                                                                                                         |                        |                                                                     |   |
| Algal Bloom Observed? <input checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Green                                                                                                                                           |             | <input type="checkbox"/> Red                              |            | <input checked="" 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                      | B                                                                   |   |
| Toxins (P-125/BG-250)                                                                     |                                                                                 | <input checked="" type="checkbox"/> W-MCYST-AA <input checked="" type="checkbox"/> W-SAXTN-MS <input type="checkbox"/> OV-TOXN                                                      |             |                                                           |            | <input checked="" type="checkbox"/> Ice                                           |                       |                                                                                                                                         | 1                      | B                                                                   |   |
| Physical/Aggregate                                                                        |                                                                                 | <input checked="" type="checkbox"/> W-COLOR                                                                                                                                         |             |                                                           |            | <input checked="" type="checkbox"/> Ice                                           |                       |                                                                                                                                         | 1                      | B                                                                   |   |
| Preserved Nutrients (500mL HDPE)                                                          |                                                                                 | <input checked="" type="checkbox"/> W-NH3 / <input checked="" type="checkbox"/> W-NO2NO3 / <input checked="" type="checkbox"/> W-TKN / <input checked="" type="checkbox"/> W-S-A-TP |             |                                                           |            | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |                       | <input checked="" type="checkbox"/> <2                                                                                                  | 1                      | B                                                                   |   |
|                                                                                           |                                                                                 | Acid Lot:                                                                                                                                                                           |             | SA3340020                                                 |            | Exp:                                                                              |                       | 12/11/24                                                                                                                                |                        |                                                                     |   |
| Filtered Nutrients (P125mL)                                                               |                                                                                 | <input checked="" type="checkbox"/> W-PO4-F                                                                                                                                         |             | <input checked="" type="checkbox"/> Field Filtered 0.45um |            | Filter Lot #<br>114547<br>Syringe Lot #<br>3163976                                |                       | <input checked="" type="checkbox"/> Ice                                                                                                 |                        | 1                                                                   | B |
| Quantitative Algae                                                                        |                                                                                 | <input type="checkbox"/> DTY-QN-C / <input type="checkbox"/> PKD-QN-C                                                                                                               |             |                                                           |            | <input type="checkbox"/> Ice                                                      |                       | <input type="checkbox"/> Lugols                                                                                                         |                        |                                                                     |   |
| Relinquished By:                                                                          |                                                                                 | Date/Time                                                                                                                                                                           |             | Number of Coolers Shipped                                 |            | Received By:                                                                      |                       | Date/Time                                                                                                                               |                        |                                                                     |   |
| Sarah Meyer                                                                               |                                                                                 | 09/10/2024 16:30                                                                                                                                                                    |             | 1                                                         |            |                                                                                   |                       |                                                                                                                                         |                        |                                                                     |   |

# Cyanobacteria Bloom Response Data Handling Addendum

|          |                            |      |            |
|----------|----------------------------|------|------------|
| RQ-      | 2024-06-03-50              | Date | 09/10/2024 |
| Field ID | HAB-SW-0113                | Time | 10:05      |
| Location | Lake Thonotosassa - Center |      |            |

SECTION FOR FDEP USE

LIMS EVENT ID: \_\_\_\_\_WIN Import ID: \_\_\_\_\_

Enter Field Parameters, Verify Station ID In LIMS DMT: \_\_\_\_\_QC Station ID, Field Parameters In LIMS DMT: \_\_\_\_\_

(Initials/Date)(Initials/Date)

Scan/Save Field Sheets \_\_\_\_\_Migrate Data to WIN: \_\_\_\_\_Verify Data In WIN: \_\_\_\_\_

(Initials/Date)(Initials/Date)(Initials/Date)