



# Cyanobacteria Bloom Response Field Data Sheet (2022-08-15 v1)

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

|                                             |                                                                                 |                                                                                                                                |                        |                                                                                                                                         |                                                                                   |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
|---------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------|------------------------|--------------------|
| RQ - 2023- <del>05-01-23</del> 04-24-09     |                                                                                 | Collected By:                                                                                                                  |                        | Matt Bearden, Leif Boman, Jessie Atchison                                                                                               |                                                                                   |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
| Customer:                                   | WQAP                                                                            | Field Report Prepared By:                                                                                                      |                        | Jessie Atchison                                                                                                                         |                                                                                   |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
| Project ID:                                 | BLOOM_RESP                                                                      | Sampling Agency:                                                                                                               |                        | CEROC                                                                                                                                   |                                                                                   |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
| Location: LAKE MAITLAND KRAFT AZALEA GARDEN |                                                                                 |                                                                                                                                | Comments: 75 and windy |                                                                                                                                         |                                                                                   |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
| Field ID: HABCE0177_LakeMaitland2           |                                                                                 |                                                                                                                                | Coordinates:           | 28.61149, -81.34416                                                                                                                     |                                                                                   |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
| WIN Secondary Resource Type: Lake           |                                                                                 |                                                                                                                                | Collection Equip:      | WaterBottle                                                                                                                             |                                                                                   |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
| WIN ID:HABCE0177                            |                                                                                 |                                                                                                                                | 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) |
| 05/03/2023                                  | 11:43                                                                           | 100                                                                                                                            | 8.21                   | 25.3                                                                                                                                    | 7.69                                                                              | 0.3                                                                                                                                                                                                                                       | 1.2                                     | 0.8                        | 213.3                  | 0.1                |
|                                             |                                                                                 |                                                                                                                                |                        |                                                                                                                                         |                                                                                   |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
|                                             |                                                                                 |                                                                                                                                |                        |                                                                                                                                         |                                                                                   |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
| 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 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<br>Check                             | #Bottles<br>Sent to<br>Lab | Bottle<br>Group        |                    |
| Algal ID (PT-50mL)                          |                                                                                 | <input type="checkbox"/> ALGAL-ID                                                                                              |                        |                                                                                                                                         | <input type="checkbox"/> Ice                                                      |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
| Bloom ID (PT-50mL)                          |                                                                                 | <input checked="" type="checkbox"/> BLOOM-ID                                                                                   |                        |                                                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |                                                                                                                                                                                                                                           |                                         | 1                          | A                      |                    |
| Chlorophyll (BP-1L)                         |                                                                                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                 |                        |                                                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |                                                                                                                                                                                                                                           |                                         | 1                          | B                      |                    |
| Toxins (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                      |                    |
| 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                          | B                      |                    |
|                                             |                                                                                 | SA3013020                                                                                                                      |                        |                                                                                                                                         | 1/25/24                                                                           |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
|                                             |                                                                                 | Acid Lot:                                                                                                                      |                        |                                                                                                                                         | 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                          | B                      |                    |
|                                             |                                                                                 | Filter Lot #                                                                                                                   |                        |                                                                                                                                         | 17769663                                                                          |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
| Quantitative Algae                          |                                                                                 | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                                                                                   |                        |                                                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> Lugols                      |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |
| Relinquished By:                            |                                                                                 | Date/Time                                                                                                                      |                        | Number of Coolers Shipped                                                                                                               |                                                                                   | Received By:                                                                                                                                                                                                                              |                                         | Date/Time                  |                        |                    |
| Jessie Atchison                             |                                                                                 | 05/03/2023 11:48                                                                                                               |                        | 1                                                                                                                                       |                                                                                   |                                                                                                                                                                                                                                           |                                         |                            |                        |                    |