



# Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

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| RQ - 2022-05-23-06                    |                                                                                 | Collected By: Liz Bates, Terry Riordan                                                                                                        |                                                                                                                          |              |                                         |                        |                       |                       |                              |                   |
|---------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------|------------------------|-----------------------|-----------------------|------------------------------|-------------------|
| Customer: WQAP                        | Field Report Prepared By: Liz Bates                                             |                                                                                                                                               |                                                                                                                          |              |                                         |                        |                       |                       |                              |                   |
| Project ID: BLOOM-RESP                | Sampling Agency: 21FLCEN                                                        |                                                                                                                                               |                                                                                                                          |              |                                         |                        |                       |                       |                              |                   |
| Location:                             |                                                                                 | Comments: water very green                                                                                                                    |                                                                                                                          |              |                                         |                        |                       |                       |                              |                   |
| Field ID: HABCE0122_LakeGriffinLakeCo |                                                                                 |                                                                                                                                               |                                                                                                                          |              |                                         |                        |                       |                       |                              |                   |
| Win ID: HABCE0122                     |                                                                                 |                                                                                                                                               |                                                                                                                          |              |                                         |                        |                       |                       |                              |                   |
| Lake Griffin - South Lobe             |                                                                                 |                                                                                                                                               |                                                                                                                          |              |                                         |                        |                       |                       |                              |                   |
| Coordinates: 28.8251933 -81.8641526   |                                                                                 | Collection Equip: container, syringe                                                                                                          |                                                                                                                          |              |                                         |                        |                       |                       |                              |                   |
| WIN ID:                               | 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>(PPT) |
| 6/9/22                                | 12:20                                                                           | 11.7                                                                                                                                          | 8.42                                                                                                                     | 30.1         | 8.33                                    | 0.3                    | 3.1                   | 1.0                   | 304.0                        | 0.14              |
| Bloom Observations                    |                                                                                 |                                                                                                                                               |                                                                                                                          |              |                                         |                        |                       |                       |                              |                   |
| Algal Bloom Observed?                 |                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                           |                                                                                                                          |              |                                         |                        |                       |                       |                              |                   |
| Water Surface                         | <input checked="" type="checkbox"/> Clear                                       | <input type="checkbox"/> Scum                                                                                                                 | <input type="checkbox"/> Globbs                                                                                          |              | <input type="checkbox"/> Slick          |                        |                       |                       |                              |                   |
| 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                                                                                           |              | Other: _____                            |                        |                       |                       | <input type="checkbox"/> N/A |                   |
| Algae Distribution                    | <input checked="" type="checkbox"/> Suspended in water column                   |                                                                                                                                               | <input type="checkbox"/> On surface                                                                                      |              | Other: _____                            |                        |                       |                       | <input type="checkbox"/> N/A |                   |
| Water Odors                           | <input checked="" type="checkbox"/> Normal                                      | <input type="checkbox"/> Sewage                                                                                                               | <input type="checkbox"/> Petroleum                                                                                       |              | <input type="checkbox"/> Chemical       |                        |                       |                       | Other: _____                 |                   |
| Parameter Suite                       | Parameter Methods                                                               |                                                                                                                                               | Preservation                                                                                                             |              | pH Check                                | #Bottles Sent to Lab   | Bottle Group          |                       |                              |                   |
| 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 (BG-WD250)                     | <input checked="" type="checkbox"/> W-MCYST-AA                                  |                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                                                                  |              |                                         | 1                      | B                     |                       |                              |                   |
|                                       | <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                     |                       |                              |                   |
| Preserved Nutrients (500mL HDPE)      | Acid Lot: 130873                                                                |                                                                                                                                               | Exp: 11/17/22                                                                                                            |              |                                         |                        |                       |                       |                              |                   |
| Filtered Nutrients (P125mL)           | <input checked="" type="checkbox"/> W-PO4-F                                     |                                                                                                                                               | <input checked="" type="checkbox"/> Field Filtered 0.45µm Filter                                                         |              | <input checked="" type="checkbox"/> Ice | 1                      | B                     |                       |                              |                   |
|                                       | Filter Lot # 17413308                                                           |                                                                                                                                               |                                                                                                                          |              |                                         |                        |                       |                       |                              |                   |
| Quantitative Algae                    | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                                    |                                                                                                                                               | <input type="checkbox"/> Ice                                                                                             |              | Lugols? Y / N                           |                        |                       |                       |                              |                   |
| Relinquished By: [Signature]          | Date/Time: 16:00 6/9/22                                                         | Number of Coolers Shipped: 1                                                                                                                  |                                                                                                                          | Received By: |                                         | Date/Time:             |                       |                       |                              |                   |