



# Cyanobacteria Bloom Response Field Data Sheet (2022-06-10 v1)

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|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------|--|
| <b>RQ - 2021-08-09-49</b>                                                                        |                                                                                        |                                                                                                                                                                                                                                                                                  |                       | <b>Collected By:</b>                                                                      |                   | Nicole Reistad, Kirby Wolfe                                                       |                           |                                                                                                                                         |                               |                           |  |
| <b>Customer:</b>                                                                                 |                                                                                        | FDEP - SROC                                                                                                                                                                                                                                                                      |                       | <b>Field Report Prepared By:</b>                                                          |                   | Nicole Reistad                                                                    |                           |                                                                                                                                         |                               |                           |  |
| <b>Project ID:</b>                                                                               |                                                                                        | BLOOM_RESP                                                                                                                                                                                                                                                                       |                       | <b>Sampling Agency:</b>                                                                   |                   | SOROC                                                                             |                           |                                                                                                                                         |                               |                           |  |
| <b>Location:</b> Alligator Creek - Allapatchee Shore Park                                        |                                                                                        |                                                                                                                                                                                                                                                                                  |                       | <b>Comments:</b>                                                                          |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |
| <b>Field ID:</b> HAB-SD-071322-0805                                                              |                                                                                        |                                                                                                                                                                                                                                                                                  |                       | <b>Coordinates:</b>                                                                       |                   | 26.88651, -82.01759                                                               |                           |                                                                                                                                         |                               |                           |  |
| <b>WIN Secondary Resource Type:</b> River/Stream                                                 |                                                                                        |                                                                                                                                                                                                                                                                                  |                       | <b>Collection Equip:</b>                                                                  |                   | WaterBottle                                                                       |                           |                                                                                                                                         |                               |                           |  |
| <b>WIN ID:</b>                                                                                   |                                                                                        |                                                                                                                                                                                                                                                                                  |                       | <b>High Tide Time:</b>                                                                    |                   |                                                                                   |                           | <b>Low Tide Time:</b>                                                                                                                   |                               |                           |  |
| <b>Matrix:</b>                                                                                   |                                                                                        | Fresh                                                                                                                                                                                                                                                                            |                       | Grab                                                                                      |                   | <b>Tide:</b>                                                                      |                           | <input type="checkbox"/> Rising <input type="checkbox"/> Falling <input type="checkbox"/> Slack <input checked="" type="checkbox"/> N/A |                               |                           |  |
| <b>Water Quality</b>                                                                             |                                                                                        |                                                                                                                                                                                                                                                                                  |                       |                                                                                           |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |
| <b>Date</b>                                                                                      | <b>Time</b><br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN | <b>D.O.</b><br>(%)                                                                                                                                                                                                                                                               | <b>D.O.</b><br>(mg/L) | <b>Temp</b><br>(°C)                                                                       | <b>pH</b><br>(SU) | <b>Sample Depth</b><br>(m)                                                        | <b>Total Depth</b><br>(m) | <b>Secchi Disk</b><br>(m)                                                                                                               | <b>Sp. Cond.</b><br>(µmho/cm) | <b>Salinity</b><br>(PPTH) |  |
| 07/13/2022                                                                                       | 08:05                                                                                  | 71.1                                                                                                                                                                                                                                                                             | 5.29                  | 30.7                                                                                      | 6.31              | 0.25                                                                              | 0.5                       | 0.5                                                                                                                                     | 266.3                         | 0.12                      |  |
|                                                                                                  |                                                                                        |                                                                                                                                                                                                                                                                                  |                       |                                                                                           |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |
|                                                                                                  |                                                                                        |                                                                                                                                                                                                                                                                                  |                       |                                                                                           |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |
| <b>Bloom Observations</b>                                                                        |                                                                                        |                                                                                                                                                                                                                                                                                  |                       |                                                                                           |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |
| <b>Algal Bloom Observed?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                                        |                                                                                                                                                                                                                                                                                  |                       |                                                                                           |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |
| <b>Water Clarity</b>                                                                             |                                                                                        | <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Slightly Turbid <input type="checkbox"/> Turbid <input type="checkbox"/> Opaque<br><input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Brown <input type="checkbox"/> Other: |                       |                                                                                           |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |
| <b>Bloom Color</b>                                                                               |                                                                                        |                                                                                                                                                                                                                                                                                  |                       |                                                                                           |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |
| <b>Algae Type</b>                                                                                |                                                                                        | <input type="checkbox"/> Planktonic <input type="checkbox"/> Filamentous <input type="checkbox"/> Other:                                                                                                                                                                         |                       |                                                                                           |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |
| <b>Algae Accumulation</b>                                                                        |                                                                                        | <input type="checkbox"/> Mat <input type="checkbox"/> Specks <input type="checkbox"/> Scum <input type="checkbox"/> Glob                                                                                                                                                         |                       |                                                                                           |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |
| <b>Algae Distribution</b>                                                                        |                                                                                        | <input type="checkbox"/> Surface-Entire <input type="checkbox"/> Surf-Localized <input type="checkbox"/> Surf-Windblown <input type="checkbox"/> Suspended <input type="checkbox"/> Benthic <input type="checkbox"/> Epiphytic                                                   |                       |                                                                                           |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |
| <b>Parameter Suite</b>                                                                           |                                                                                        | <b>Parameter Methods</b>                                                                                                                                                                                                                                                         |                       |                                                                                           |                   | <b>Preservation</b>                                                               |                           | <b>pH Check</b>                                                                                                                         | <b>#Bottles Sent to Lab</b>   | <b>Bottle Group</b>       |  |
| 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 (BG-WD250)                                                                                |                                                                                        | <input checked="" type="checkbox"/> W-MCYST-AA <input type="checkbox"/> W-SAXTN-MS <input type="checkbox"/> OV-TOXN                                                                                                                                                              |                       |                                                                                           |                   | <input checked="" type="checkbox"/> Ice                                           |                           |                                                                                                                                         | 1                             | B                         |  |
| Preserved Nutrients (500mL HDPE)                                                                 |                                                                                        | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP<br>Acid Lot: 131766    Exp: 11/19/22                                                                                                                                                                     |                       |                                                                                           |                   | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |                           | <input checked="" type="checkbox"/> <2                                                                                                  | 1                             | B                         |  |
| Filtered Nutrients (P125mL)                                                                      |                                                                                        | <input checked="" type="checkbox"/> W-PO4-F                                                                                                                                                                                                                                      |                       | <input checked="" type="checkbox"/> Field Filtered 0.45um Filter<br>Filter Lot # 17347262 |                   | <input checked="" type="checkbox"/> Ice                                           |                           |                                                                                                                                         | 1                             | B                         |  |
| Quantitative Algae                                                                               |                                                                                        | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                                                                                                                                                                                                                                     |                       |                                                                                           |                   | <input type="checkbox"/> Ice <input type="checkbox"/> Lugols                      |                           |                                                                                                                                         |                               |                           |  |
| <b>Relinquished By:</b>                                                                          |                                                                                        | <b>Date/Time</b>                                                                                                                                                                                                                                                                 |                       | <b>Number of Coolers Shipped</b>                                                          |                   | <b>Received By:</b>                                                               |                           | <b>Date/Time</b>                                                                                                                        |                               |                           |  |
| Nicole Reistad                                                                                   |                                                                                        | 07/13/2022 08:25                                                                                                                                                                                                                                                                 |                       | 1                                                                                         |                   |                                                                                   |                           |                                                                                                                                         |                               |                           |  |