



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

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|                                                                                                  |                                                                                        |                                                                                                                                |                       |                                                                  |                   |                                                                                   |                           |                                                                                                                                         |                               |                                                                     |  |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------|--|
| <b>RQ - 2023-01-16-15</b>                                                                        |                                                                                        |                                                                                                                                |                       | <b>Collected By:</b>                                             |                   | Leif Boman, Jessie Atchison                                                       |                           |                                                                                                                                         |                               |                                                                     |  |
| <b>Customer:</b>                                                                                 |                                                                                        | WQAP                                                                                                                           |                       | <b>Field Report Prepared By:</b>                                 |                   | Jessie Atchison                                                                   |                           |                                                                                                                                         |                               |                                                                     |  |
| <b>Project ID:</b>                                                                               |                                                                                        | BLOOM_RESP                                                                                                                     |                       | <b>Sampling Agency:</b>                                          |                   | CEROC                                                                             |                           |                                                                                                                                         |                               |                                                                     |  |
| <b>Location:</b> Sunset Lake - W Shore                                                           |                                                                                        |                                                                                                                                |                       | <b>Comments:</b> 70 degrees F and Sunny                          |                   |                                                                                   |                           |                                                                                                                                         |                               |                                                                     |  |
| <b>Field ID:</b> HABCE0165_SunsetLake                                                            |                                                                                        |                                                                                                                                |                       | <b>Coordinates:</b>                                              |                   | 28.53606, -81.41323                                                               |                           |                                                                                                                                         |                               |                                                                     |  |
| <b>WIN Secondary Resource Type:</b> Lake                                                         |                                                                                        |                                                                                                                                |                       | <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)                                           |  |
| 01/17/2023                                                                                       | 12:55                                                                                  | 73.2                                                                                                                           | 7.18                  | 16.2                                                             | 7.03              | 0.3                                                                               | 4.4                       | 1.4                                                                                                                                     | 148.8                         | 0.07                                                                |  |
|                                                                                                  |                                                                                        |                                                                                                                                |                       |                                                                  |                   |                                                                                   |                           |                                                                                                                                         |                               |                                                                     |  |
|                                                                                                  |                                                                                        |                                                                                                                                |                       |                                                                  |                   |                                                                                   |                           |                                                                                                                                         |                               |                                                                     |  |
| <b>Bloom Observations</b>                                                                        |                                                                                        |                                                                                                                                |                       |                                                                  |                   |                                                                                   |                           |                                                                                                                                         |                               |                                                                     |  |
| <b>Algal Bloom Observed?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                                                                        |                                                                                                                                |                       |                                                                  |                   |                                                                                   |                           |                                                                                                                                         |                               |                                                                     |  |
| <b>Water Clarity</b>                                                                             |                                                                                        | <input type="checkbox"/> Clear                                                                                                 |                       | <input checked="" type="checkbox"/> Slightly Turbid              |                   | <input type="checkbox"/> Turbid                                                   |                           | <input type="checkbox"/> Opaque                                                                                                         |                               |                                                                     |  |
| <b>Bloom Color</b>                                                                               |                                                                                        | <input checked="" type="checkbox"/> Green                                                                                      |                       | <input type="checkbox"/> Red                                     |                   | <input type="checkbox"/> Brown                                                    |                           | <input type="checkbox"/> Other:                                                                                                         |                               |                                                                     |  |
| <b>Algae Type</b>                                                                                |                                                                                        | <input checked="" type="checkbox"/> Planktonic                                                                                 |                       | <input type="checkbox"/> Filamentous                             |                   | <input type="checkbox"/> Other:                                                   |                           |                                                                                                                                         |                               |                                                                     |  |
| <b>Algae Accumulation</b>                                                                        |                                                                                        | <input type="checkbox"/> Mat                                                                                                   |                       | <input checked="" 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 checked="" 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 (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 (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 type="checkbox"/> <2                                                                                                             | 1                             | B                                                                   |  |
|                                                                                                  |                                                                                        | Acid Lot:                                                                                                                      |                       | SA2229010                                                        |                   | Exp:                                                                              |                           | 08/30/2023                                                                                                                              |                               |                                                                     |  |
| Filtered Nutrients (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 #                                                     |                   |                                                                                   |                           |                                                                                                                                         |                               |                                                                     |  |
| 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>                                                                                                                        |                               |                                                                     |  |
| Jessie Atchison                                                                                  |                                                                                        | 01/17/2023 16:00                                                                                                               |                       | 1                                                                |                   |                                                                                   |                           |                                                                                                                                         |                               |                                                                     |  |