



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

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| RQ - 2021 - 04-12-06                                                                                                    |                                                                                 | Collected By: Victoria Schwartz, Perry Riordan                                                                                                |                                                                                                    |              |                                                                          |                            |                       |                       |                                       |                   |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------|----------------------------|-----------------------|-----------------------|---------------------------------------|-------------------|
| Customer: WQAP                                                                                                          | Field Report Prepared By: V. Schwartz                                           |                                                                                                                                               |                                                                                                    |              |                                                                          |                            |                       |                       |                                       |                   |
| Project ID: BLOOM-RESP                                                                                                  | Sampling Agency: 21FLCEN - CEROC                                                |                                                                                                                                               |                                                                                                    |              |                                                                          |                            |                       |                       |                                       |                   |
| Location:<br><b>Field ID: HABCE0079_LakeDeer</b><br><b>Win ID: HABCE0079</b><br><b>Lake Deer - 33rd St NW Boat Ramp</b> |                                                                                 | Comments:<br>SAV debris present/<br>Disturbed globs of algae (bright green)                                                                   |                                                                                                    |              |                                                                          |                            |                       |                       |                                       |                   |
|                                                                                                                         |                                                                                 | Coordinates: 28.02786, -81.76678                                                                                                              |                                                                                                    |              |                                                                          |                            |                       |                       |                                       |                   |
|                                                                                                                         |                                                                                 | Collection Equip: Sample bottles, syringe, pole                                                                                               |                                                                                                    |              |                                                                          |                            |                       |                       |                                       |                   |
| WIN ID: HABCE0079                                                                                                       | 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) |
| 5/5/21                                                                                                                  | 11:12                                                                           | 102.7                                                                                                                                         | 7.75                                                                                               | 29.8         | 7.11                                                                     | 0.15                       | 0.3                   | 0.3                   | 179.6                                 | 0.08              |
|                                                                                                                         |                                                                                 |                                                                                                                                               |                                                                                                    |              |                                                                          |                            | (VDB)                 |                       |                                       |                   |
| Bloom Observations                                                                                                      |                                                                                 |                                                                                                                                               |                                                                                                    |              |                                                                          |                            |                       |                       |                                       |                   |
| Algal Bloom Observed?                                                                                                   |                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                           |                                                                                                    |              |                                                                          |                            |                       |                       |                                       |                   |
| Water Surface                                                                                                           | <input type="checkbox"/> Clear                                                  | <input type="checkbox"/> Scum                                                                                                                 | <input checked="" type="checkbox"/> Globbs                                                         |              | <input type="checkbox"/> Slick                                           |                            |                       |                       |                                       |                   |
| Water Clarity                                                                                                           | <input type="checkbox"/> Clear                                                  | <input checked="" type="checkbox"/> Slightly Turbid                                                                                           | <input type="checkbox"/> Turbid                                                                    |              | <input checked="" type="checkbox"/> Opaque                               |                            |                       |                       |                                       |                   |
| Bloom Color                                                                                                             | <input checked="" type="checkbox"/> Green                                       | <input type="checkbox"/> Red                                                                                                                  | <input type="checkbox"/> Brown                                                                     |              | <input type="checkbox"/> Other: _____                                    |                            |                       |                       | <input type="checkbox"/> N/A          |                   |
| Algae Distribution                                                                                                      | <input checked="" type="checkbox"/> Suspended in water column                   |                                                                                                                                               | <input checked="" type="checkbox"/> On surface                                                     |              | <input type="checkbox"/> 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                                        |                            |                       |                       | <input type="checkbox"/> Other: _____ |                   |
| Parameter Suite                                                                                                         | Parameter Methods                                                               |                                                                                                                                               | Preservation                                                                                       |              | pH<br>Check                                                              | #Bottles<br>Sent to<br>Lab | Bottle<br>Group       |                       |                                       |                   |
| Bloom ID (PT-50mL)                                                                                                      | <input checked="" type="checkbox"/> BLOOM-ID                                    |                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                                            |              |                                                                          | 1                          | A                     |                       |                                       |                   |
| Chlorophyll (BP-1L)                                                                                                     | <input 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<br>(500mL HDPE)                                                                                     | Acid Lot: <b>H2SO4</b><br>LOT# SA0353110<br>EXP: 01/11/2022                     |                                                                                                                                               | Exp:                                                                                               |              |                                                                          |                            |                       |                       |                                       |                   |
| Filtered Nutrients<br>(P125mL)                                                                                          | <input checked="" type="checkbox"/> W-PO4-F                                     |                                                                                                                                               | <input checked="" type="checkbox"/> Field Filtered 0.45µm Filter<br>Filter Lot #: 9149785 17135566 |              | <input checked="" type="checkbox"/> Ice                                  | 1                          | B                     |                       |                                       |                   |
| Quantitative Algae                                                                                                      | <input checked="" type="checkbox"/> DTY-QN-C / PKD-QN-C                         |                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                                            |              | Lugols? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | 1                          | B                     |                       |                                       |                   |
| Relinquished By:                                                                                                        | Date/Time                                                                       | Number of Coolers Shipped                                                                                                                     |                                                                                                    | Received By: |                                                                          | Date/Time                  |                       |                       |                                       |                   |
| V. Schwartz                                                                                                             | 5/5/21 16:00                                                                    | 1                                                                                                                                             |                                                                                                    |              |                                                                          |                            |                       |                       |                                       |                   |

LIMS EVENT ID: WQAP-2021-05-06-01

WIN Import ID: 26665

Enter Field Parameters, Verify Station ID In LIMS DMT: **KWM 5/11/21** QC Station ID, Field Parameters In LIMS DMT: **EB 5/17/21**

Scan/Save Field Sheets **KWM 6/29/21** Migrate Data to WIN: **KWM 6/29/21** Verify Data In WIN: \_\_\_\_\_