



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

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

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| RQ - 2021-03-15-58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                              | Collected By: N. Abdo / F. Faria                                                                                                   |                |              |              |                                                                                   |                       |                                        |                        |                   |
| Customer:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                              | Field Report Prepared By: N. Abdo                                                                                                  |                |              |              |                                                                                   |                       |                                        |                        |                   |
| Project ID:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                              | Sampling Agency: DEAR FLOEP SWROC                                                                                                  |                |              |              |                                                                                   |                       |                                        |                        |                   |
| Location: HAB-SW-00081<br>WIN/Field ID HAB-SW-0008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                              | Comments:                                                                                                                          |                |              |              |                                                                                   |                       |                                        |                        |                   |
| <br>Site Name: Harbor Isles - Center                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                              | Coordinates:                                                                                                                       |                |              |              |                                                                                   |                       |                                        |                        |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                              | Collection Equip:                                                                                                                  |                |              |              |                                                                                   |                       |                                        |                        |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                              | High Tide Time:                                                                                                                    | Low Tide Time: |              |              |                                                                                   |                       |                                        |                        |                   |
| Matrix:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Grab                                                                                                         | Tide: <input type="checkbox"/> Rising <input type="checkbox"/> Falling <input type="checkbox"/> Slack <input type="checkbox"/> N/A |                |              |              |                                                                                   |                       |                                        |                        |                   |
| <b>Water Quality</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                              |                                                                                                                                    |                |              |              |                                                                                   |                       |                                        |                        |                   |
| 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) |
| 05/24/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0938                                                                                                         | 75.3                                                                                                                               | 5.82           | 26.7         | 7.75         | 0.3                                                                               | 4.5                   | 0.5                                    | 11037                  | 6.25              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                              | 78.6                                                                                                                               | 6.07           | 26.7         | 7.76         | 4.0                                                                               |                       |                                        | 11038                  | 6.25              |
| <b>Bloom Observations</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                              |                                                                                                                                    |                |              |              |                                                                                   |                       |                                        |                        |                   |
| 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"/> Globs <input type="checkbox"/> Slick<br>Water Clarity: <input type="checkbox"/> Clear <input type="checkbox"/> Slightly Turbid <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Opaque<br>Bloom Color: <input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Brown <input type="checkbox"/> Other: _____ <input type="checkbox"/> N/A<br>Algae Distribution: <input type="checkbox"/> Suspended in water column <input type="checkbox"/> On surface <input type="checkbox"/> Other: _____ <input type="checkbox"/> N/A<br>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 Check                               | #Bottles Sent to Lab   | Bottle Group      |
| Bloom ID (PT-50mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> BLOOM-ID                                                                 |                                                                                                                                    |                |              |              | <input checked="" type="checkbox"/> Ice                                           |                       |                                        |                        |                   |
| Chlorophyll (BP-1L)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> CHLSUITE-W                                                               |                                                                                                                                    |                |              |              | <input checked="" type="checkbox"/> Ice                                           |                       |                                        |                        |                   |
| Toxins (BG-WD250)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> W-MCYST-AA                                                               |                                                                                                                                    |                |              |              | <input checked="" type="checkbox"/> Ice                                           |                       |                                        |                        |                   |
| 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 checked="" type="checkbox"/> <2 |                        |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Acid Lot: Sent: 120529                                                                                       |                                                                                                                                    |                |              |              | Exp: 10/2021                                                                      |                       |                                        |                        |                   |
| Filtered Nutrients (P125mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45µm Filter |                                                                                                                                    |                |              |              | <input checked="" type="checkbox"/> Ice                                           |                       |                                        |                        |                   |
| Quantitative Algae                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                                                                 |                                                                                                                                    |                |              |              | <input type="checkbox"/> Ice                                                      |                       | Lugols? Y / N                          |                        |                   |
| Relinquished By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Date/Time                                                                                                    | Number of Coolers Shipped                                                                                                          |                |              | Received By: |                                                                                   | Date/Time             |                                        |                        |                   |
| N. Abdo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 05/24/2021 / 1600                                                                                            | 1                                                                                                                                  |                |              |              |                                                                                   |                       |                                        |                        |                   |