



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

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

|                                                   |  |                                                                                                                                    |  |
|---------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------|--|
| RQ - 2021-07-12-46                                |  | Collected By: GARY SNOOK                                                                                                           |  |
| Customer: SD-DIST                                 |  | Field Report Prepared By: JOHN BARRINGTON                                                                                          |  |
| Project ID: Bloom-Resp                            |  | Sampling Agency: FDEP SOROC                                                                                                        |  |
| Location: MARINATOWN                              |  | Comments:                                                                                                                          |  |
| Field ID: HAB-SD-071921- <del>0930</del> 01<br>JB |  | Coordinates: 26.6598, -81.8925                                                                                                     |  |
| WIN ID: HAB-SD-071921- <del>0930</del> -0930      |  | Collection Equip: BOTTLES                                                                                                          |  |
| Matrix: MARINE FRESH                              |  | High Tide Time: Low Tide Time:                                                                                                     |  |
| Grab                                              |  | Tide: <input type="checkbox"/> Rising <input type="checkbox"/> Falling <input type="checkbox"/> Slack <input 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) |
| 7/19/21       | 0930                                                                            | 69.0        | 5.21           | 29.9         | 7.49       | 0.3                    | 2.5                   | 1.2                   | 937                    | 0.46              |
| 7/19/21       | 0932                                                                            | 50.3        | 3.82           | 29.8         | 7.47       | 2.0                    | -                     | -                     | 938                    | 0.46              |

| Bloom Observations                                                                        |                                                    |                                                     |                                       |                                         |                                         |  |
|-------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------|---------------------------------------|-----------------------------------------|-----------------------------------------|--|
| Algal Bloom Observed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                    |                                                     |                                       |                                         |                                         |  |
| Water Surface                                                                             | <input checked="" type="checkbox"/> Clear          | <input type="checkbox"/> Scum                       | <input type="checkbox"/> Globs        | <input type="checkbox"/> Slick          |                                         |  |
| Water Clarity                                                                             | <input type="checkbox"/> Clear                     | <input checked="" type="checkbox"/> Slightly Turbid | <input type="checkbox"/> Turbid       | <input type="checkbox"/> Opaque         |                                         |  |
| Bloom Color                                                                               | <input type="checkbox"/> Green                     | <input type="checkbox"/> Red                        | <input type="checkbox"/> Brown        | <input type="checkbox"/> Other: _____   | <input checked="" type="checkbox"/> N/A |  |
| Algae Distribution                                                                        | <input type="checkbox"/> Suspended in water column | <input type="checkbox"/> On surface                 | <input type="checkbox"/> Other: _____ | <input checked="" 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 Check                                | #Bottles Sent to Lab | Bottle Group |
|----------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------|----------------------|--------------|
| Bloom ID (PT-50mL)               | <input checked="" type="checkbox"/> BLOOM-ID                            | <input checked="" type="checkbox"/> Ice                                           |                                         | 1                    | A            |
| Chlorophyll (BP-1L)              | <input checked="" type="checkbox"/> CHLSUITE-W                          | <input checked="" type="checkbox"/> Ice                                           |                                         | 1                    | B            |
| Toxins (BG-WD250)                | <input checked="" type="checkbox"/> W-MCYST-AA                          | <input checked="" type="checkbox"/> Ice                                           |                                         | 1                    | B            |
|                                  | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <input checked="" type="checkbox"/> <2  | 1                    | B            |
| Preserved Nutrients (500mL HDPE) | Acid Lot: S1105066                                                      | Exp: 4/11/22                                                                      |                                         |                      |              |
| Filtered Nutrients (P125mL)      | <input checked="" type="checkbox"/> W-PO4-F                             | <input checked="" type="checkbox"/> Field Filtered 0.45µm Filter                  | <input checked="" type="checkbox"/> Ice | 1                    | B            |
|                                  |                                                                         | Filter Lot #: 079931                                                              |                                         |                      |              |
| Quantitative Algae               | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                            | 16939787                                                                          | <input type="checkbox"/> Ice            | Lugols? Y/N          |              |
| Relinquished By:                 | Date/Time                                                               | Number of Coolers Shipped                                                         | Received By:                            | Date/Time            |              |
| John BARRINGTON                  | 7/19/21, 1400                                                           | 1                                                                                 |                                         |                      |              |