



# 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 - 2021-07-05-04                          |                                                                                 | Collected By: Monica Jaeger                                                                                                        |                                 |                                                                                   |                                    |                                       |                                         |                              |                                       |                   |
|---------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------|------------------------------------|---------------------------------------|-----------------------------------------|------------------------------|---------------------------------------|-------------------|
| Customer: FDEP-SOROC                        | Field Report Prepared By: William Mullen                                        |                                                                                                                                    |                                 |                                                                                   |                                    |                                       |                                         |                              |                                       |                   |
| Project ID: HAB Response                    | Sampling Agency: FDEP-SROC                                                      |                                                                                                                                    |                                 |                                                                                   |                                    |                                       |                                         |                              |                                       |                   |
| Location: Caloosahatchee River - S. Olga Dr |                                                                                 | Comments:                                                                                                                          |                                 |                                                                                   |                                    |                                       |                                         |                              |                                       |                   |
| Field ID: HAB-SD-07012021-001               |                                                                                 | Coordinates: 26.692186,-81.776835                                                                                                  |                                 |                                                                                   |                                    |                                       |                                         |                              |                                       |                   |
|                                             |                                                                                 | Collection Equip: Sample bottle, Pole                                                                                              |                                 |                                                                                   |                                    |                                       |                                         |                              |                                       |                   |
| WIN ID: HAB-SD-046                          | High Tide Time:                                                                 |                                                                                                                                    | Low Tide Time:                  |                                                                                   |                                    |                                       |                                         |                              |                                       |                   |
| Matrix: Fresh                               | 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) |
| 7/10/21                                     | 0840                                                                            | 52.5                                                                                                                               | 4.03                            | 28.6                                                                              | 7.76                               | 0.3                                   | 0.4                                     | 0.4                          | 2996                                  | 1.55              |
|                                             |                                                                                 |                                                                                                                                    |                                 |                                                                                   |                                    |                                       |                                         |                              |                                       |                   |
| Bloom Observations                          |                                                                                 |                                                                                                                                    |                                 |                                                                                   |                                    |                                       |                                         |                              |                                       |                   |
| Algal Bloom Observed?                       |                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                |                                 |                                                                                   |                                    |                                       |                                         |                              |                                       |                   |
| Water Surface                               | <input type="checkbox"/> Clear                                                  | <input checked="" type="checkbox"/> Scum                                                                                           |                                 | <input type="checkbox"/> Globs                                                    |                                    | <input type="checkbox"/> Slick        |                                         |                              |                                       |                   |
| Water Clarity                               | <input type="checkbox"/> Clear                                                  | <input type="checkbox"/> Slightly Turbid                                                                                           |                                 | <input checked="" type="checkbox"/> Turbid                                        |                                    | <input 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 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                                     |                   |
| 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  | 1                            | B                                     |                   |
|                                             | Acid Lot: SAIL05060                                                             |                                                                                                                                    |                                 | Exp: 04/03/22                                                                     |                                    |                                       |                                         |                              |                                       |                   |
| 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                                     |                   |
| Quantitative Algae                          | <input checked="" type="checkbox"/> DTY-QN-C / PKD-QN-C                         |                                                                                                                                    |                                 | <input checked="" type="checkbox"/> Ice                                           |                                    |                                       | Lugols? Y/N                             | 1                            |                                       |                   |
| Relinquished By:                            | Date/Time                                                                       | Number of Coolers Shipped                                                                                                          |                                 |                                                                                   | Received By:                       |                                       |                                         | Date/Time                    |                                       |                   |
| William Mullen                              | 07/01/21 1400                                                                   | 1                                                                                                                                  |                                 |                                                                                   |                                    |                                       |                                         |                              |                                       |                   |