



# 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 - 2020-10-19-58                         |  | Collected By: Miranda Carroll, Kirby White                                                                                                    |  |
| Customer: WQAP                             |  | Field Report Prepared By: Miranda Carroll                                                                                                     |  |
| Project ID: LKORELEASE                     |  | Sampling Agency: FDEP - SVRDC                                                                                                                 |  |
| Location: G3500171<br>upstream on 577 Lock |  | Comments: syringe lot #0079931                                                                                                                |  |
| Field ID: HAB-SD110520-001                 |  | Coordinates: 26.840672, -81.083572                                                                                                            |  |
|                                            |  | Collection Equip: Sample bottle                                                                                                               |  |
| WIN ID:                                    |  | High Tide Time:                                                                                                                               |  |
| Matrix: Fresh                              |  | Low Tide Time:                                                                                                                                |  |
| 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>(PPTH) |
| 11/5/20       | 0945                                                                            | 32.6        | 2.75           | 23.6         | 7.05       | 0.3                    | 2.9                   | 0.4                   | 368.2                  | 0.18               |
| 11/5/20       | 0948                                                                            | 31.9        | 2.71           | 23.6         | 7.05       | 2.4                    | —                     | —                     | 368.3                  | 0.18               |

| 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 type="checkbox"/> Slightly Turbid | <input checked="" 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<br>Check                             | #Bottles<br>Sent to<br>Lab | Bottle<br>Group |
|-------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------|----------------------------|-----------------|
| Bloom ID (PT-50mL)                  | <input checked="" type="checkbox"/> BLOOM-ID Algal-ID                   | <input checked="" type="checkbox"/> Ice                                           |                                         | 1                          | B-A             |
| Chlorophyll (BP-1L)                 | <input checked="" type="checkbox"/> CHLSUITE-W                          | <input checked="" type="checkbox"/> Ice                                           |                                         | 1                          | C               |
| Toxins (BG-WD250)                   | <input checked="" type="checkbox"/> W-MCYST-AA                          | <input checked="" type="checkbox"/> Ice                                           |                                         | 1                          | B               |
| Preserved Nutrients<br>(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: SA0038110                                                     | Exp: 2/7/21                                                                       |                                         |                            |                 |
| Filtered Nutrients<br>(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 # 17101170                                                   |                                                                                   |                                         |                            |                 |
| Quantitative Algae                  | <input checked="" type="checkbox"/> DTY-QN-C / PKD-QN-C                 | <input checked="" type="checkbox"/> Ice                                           | Lugols? Y/N                             | 1                          | B               |
| Relinquished By:                    | Date/Time                                                               | Number of Coolers Shipped                                                         | Received By:                            | Date/Time                  |                 |
| <i>[Signature]</i>                  | 11/5/20 1500                                                            | 1                                                                                 |                                         |                            |                 |