



# 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- 2020-01-27-21      | Collected By: LEIF BOMAN / NATALIE AYALA |
| Customer: WQAP         | Field Report Prepared By: LEIF BOMAN     |
| Project ID: BLOOM-RESP | Sampling Agency: FDEP                    |

Comments:

Field ID: HABCE0014\_LakeRianhard1

WIN ID: HABCE0014

Lake Rianhard @ east of center

|                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coordinates: 28.3167, -81.5396                                                                                                                                                                                                                   |
| Collection Equip: Sample Bottle                                                                                                                                                                                                                  |
| High Tide Time: N/A Low Tide Time: N/A                                                                                                                                                                                                           |
| Matrix: Fresh <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Grab</span> 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) |
| 02/03/20      | 11:10                                                                           | 51.5        | 4.86           | 18.1         | 7.05       | .3                     | 8.6                   | 1.3                   | 294.6                  | 0.14              |
|               |                                                                                 | 42.4        | 4.08           | 17.1         | 6.66       | 8.1                    | 8.1                   | 1.3                   | 294.9                  | 0.14              |

## 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       |
| Water Clarity         | <input type="checkbox"/> Clear                                | <input type="checkbox"/> Slightly Turbid       |
| Bloom Color           | <input checked="" type="checkbox"/> Green                     | <input type="checkbox"/> Red                   |
| Algae Distribution    | <input checked="" type="checkbox"/> Suspended in water column | <input checked="" type="checkbox"/> On surface |
| Water Odors           | <input checked="" type="checkbox"/> Normal                    | <input type="checkbox"/> Sewage                |

| 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            |
| Filtered Nutrients (P125mL)      | <input checked="" type="checkbox"/> W-PO4-F                             | <input checked="" type="checkbox"/> Field Filtered 0.45µm Filter                  |                                        | 1                    | B            |
| Quantitative Algae               | <input checked="" type="checkbox"/> DTY-QN-C / PKD-QN-C                 | <input checked="" type="checkbox"/> Ice                                           | Lugols? Y / N                          | 1                    | C            |
| Relinquished By: Natalie Ayala   | Date/Time: 2/23/2020 1600                                               | Number of Coolers Shipped: 1                                                      | Received By: IM 2/24/20 10:55          | Date/Time:           |              |