

Lake Grace HAB  
10/10/2019  
MKL/LB

1215 Baypoint Ct.  
Longwood 32750

Appendix A

RQ-2019-09-16-49

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET (7-6-06 V2)

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------|--------------------------------------|------------|
| WATERBODY<br><b>Grace</b>                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                       | DATE (M/D/YY):<br><b>10/10/19</b>                                                                                                                                                                                      | TIME: (AM)<br><b>1245</b>                                              | Case ID#:    |                                      |            |
| COUNTY:                                                                                                                                                                                                                                                   | LOCATION:                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                        | NEAREST TOWN/CITY:                                                     |              |                                      |            |
| Visit Type:<br>Initial <input type="checkbox"/><br>Recon <input type="checkbox"/><br>Sampling <input checked="" type="checkbox"/><br>Follow- <input type="checkbox"/>                                                                                     | Samples collected: <input checked="" type="checkbox"/> yes <input type="checkbox"/> no<br>Sample collection method:<br>Single Grab: <input checked="" type="checkbox"/> Grab Composite: <input type="checkbox"/> Depth integrated composite: <input type="checkbox"/> |                                                                                                                                                                                                                        | Photos Taken: <input type="checkbox"/> yes <input type="checkbox"/> no |              |                                      |            |
| Sample & Analysis types: Aqueous: <input checked="" type="checkbox"/> Surface Scum: <input type="checkbox"/> Benthic mat: <input type="checkbox"/> Tissue: <input type="checkbox"/>                                                                       |                                                                                                                                                                                                                                                                       | Algal ID & enumeration: <input type="checkbox"/> Nutrients: <input type="checkbox"/> Chl-a: <input type="checkbox"/> AGP: <input type="checkbox"/> Turbidity: <input type="checkbox"/> Toxin: <input type="checkbox"/> |                                                                        |              |                                      |            |
| Estimated size of bloom: <b>2.0</b> m deep                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                       | Impounded: <input type="checkbox"/> yes <input type="checkbox"/> no                                                                                                                                                    |                                                                        |              |                                      |            |
| Lake/Estuary Typical depth: <b>2.0</b> m deep                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                       | Inflows: <input type="checkbox"/> yes <input type="checkbox"/> no                                                                                                                                                      |                                                                        |              |                                      |            |
| Outflows: <input type="checkbox"/> yes <input type="checkbox"/> no                                                                                                                                                                                        |                                                                                                                                                                                                                                                                       | Stream/River/Canal: <input type="checkbox"/> m wide                                                                                                                                                                    |                                                                        |              |                                      |            |
| Typical Transect: <input type="checkbox"/> m deep                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                       | Water velocity: <input type="checkbox"/> m/s                                                                                                                                                                           |                                                                        |              |                                      |            |
| Left bank: <input type="checkbox"/> m/s                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                       | Middle: <input type="checkbox"/> m/s                                                                                                                                                                                   |                                                                        |              |                                      |            |
| Right bank: <input type="checkbox"/> m/s                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                       | Specify:                                                                                                                                                                                                               |                                                                        |              |                                      |            |
| Canopy Cover: Open: <input type="checkbox"/> Lightly Shaded (11-45%): <input type="checkbox"/> Moderately Shaded (46-80%): <input type="checkbox"/> Heavily Shaded: <input type="checkbox"/>                                                              |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Description of Bloom/                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Latitude: <b>28.717182</b> Longitude: <b>-81.371803</b>                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Present Weather conditions                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)                                                                                                                                                                        |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Sketch bloom area on the attached map. Indicate wind direction.                                                                                                                                                                                           |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Last rain event                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Rainfall amount                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| WATER QUALITY                                                                                                                                                                                                                                             | Depth (m):                                                                                                                                                                                                                                                            | Temp. (°C):                                                                                                                                                                                                            | pH (SU):                                                               | D.O. (mg/l): | Cond. (µmho/cm) or Salinity (ppt):   | Secchi (m) |
| Top                                                                                                                                                                                                                                                       | <b>0.3</b>                                                                                                                                                                                                                                                            | <b>27.4</b>                                                                                                                                                                                                            | <b>7.14</b>                                                            | <b>4.70</b>  | <b>141.7</b>                         | <b>1.5</b> |
| Mid-depth                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Bottom                                                                                                                                                                                                                                                    | <b>1.5</b>                                                                                                                                                                                                                                                            | <b>27.0</b>                                                                                                                                                                                                            | <b>6.99</b>                                                            | <b>3.49</b>  | <b>142.0</b>                         |            |
| System Type: Stream: <input type="checkbox"/> (1st - 2nd order 3rd - 4th order) 5th - 6th order 7th order or greater ) Lake: <input type="checkbox"/> Wetland: <input type="checkbox"/> Estuary: <input type="checkbox"/> Other: <input type="checkbox"/> |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Water Odors (check box): Normal: <input type="checkbox"/> Sewage: <input type="checkbox"/> Petroleum                                                                                                                                                      |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Water Surface (check box): Clear: <input type="checkbox"/> Scum: <input type="checkbox"/> Glot                                                                                                                                                            |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Water Clarity (check box): Clear: <input type="checkbox"/> Slightly turbid: <input type="checkbox"/> Turb                                                                                                                                                 |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Bloom Color (check box): Green: <input type="checkbox"/> Red: <input type="checkbox"/> Brow                                                                                                                                                               |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              |                                      |            |
| Notes<br><b>EVENT ID ON LIMS:</b><br><b>WRAP-2019-10-11-01</b>                                                                                                                                                                                            |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              | Abu Peript<br>Fish<br>Aqua<br>Iron/: |            |
| VISIT TEAM: <b>LB 12/13/2019</b>                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                        |              | AGENCY:                              |            |

SE  
corner

Acid Lot#  
SA 7163030  
Field notes

New naming format  
HAB-MMDDYY-Grace Lake

Launch Address

1227 Baypoint Ct.  
Longwood, FL 32750