

# Appendix A

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

|                                                                                                                                                                                                                                                                                          |                                                                                           |                                                                                                                  |                           |                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------|
| WATERBODY<br><b>Lake Weir</b>                                                                                                                                                                                                                                                            |                                                                                           | DATE (M/D/YY):<br><b>4/29/19</b>                                                                                 | TIME: (AM)<br><b>1215</b> | Case ID#                                                                             |
| COUNTY:<br><b>Marion</b>                                                                                                                                                                                                                                                                 |                                                                                           | LOCATION:<br><b>Near Carney Island Boat Ramp</b>                                                                 |                           | NEAREST TOWN/CITY:<br><b>Weirsdale</b>                                               |
| Visit Type:<br><input checked="" type="checkbox"/> Initial<br><input type="checkbox"/> Recon<br><input type="checkbox"/> Sampling<br><input type="checkbox"/> Follow-                                                                                                                    | Samples collected:<br><input checked="" type="checkbox"/> yes <input type="checkbox"/> no | Samples submitted to:<br><b>FDEP Lab</b>                                                                         |                           | Photos Taken:<br><input checked="" 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 checked="" type="checkbox"/> Nutrients: <input checked="" type="checkbox"/> Chl-a: <input checked="" type="checkbox"/> AGP: <input checked="" type="checkbox"/> Turbidity: <input checked="" type="checkbox"/> Toxin: <input checked="" type="checkbox"/> |                                                                                           |                                                                                                                  |                           |                                                                                      |
| Estimated size of bloom:                                                                                                                                                                                                                                                                 |                                                                                           | Impounded: <input type="checkbox"/> yes <input checked="" type="checkbox"/> no                                   |                           |                                                                                      |
| Lake/Estuary Typical depth<br><b>1.1</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 <input type="checkbox"/> m deep <input type="checkbox"/> m deep |                           |                                                                                      |
|                                                                                                                                                                                                                                                                                          |                                                                                           | Water velocity <input type="checkbox"/> m/s <input type="checkbox"/> m/s <input type="checkbox"/> m/s            |                           |                                                                                      |
|                                                                                                                                                                                                                                                                                          |                                                                                           | Left bank Middle Right bank                                                                                      |                           |                                                                                      |
| 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 <input type="text"/> Degrees <input type="text"/> Minutes <input type="text"/> Seconds Longitude <input type="text"/> Degrees <input type="text"/> Minutes <input type="text"/> Seconds                                                                   |                                                                                           |                                                                                                                  |                           |                                                                                      |
| Present Weather conditions <b>29.01652, -81.96345</b>                                                                                                                                                                                                                                    |                                                                                           |                                                                                                                  |                           |                                                                                      |
| Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)                                                                                                                                                                                                       |                                                                                           |                                                                                                                  |                           | Last rain event <b>4/17-4/23</b>                                                     |
| Sketch bloom area on the attached map. Indicate wind direction.                                                                                                                                                                                                                          |                                                                                           |                                                                                                                  |                           | Rainfall amount <b>5.26 in</b>                                                       |

| 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>27.01</b> | <b>7.76</b> | <b>8.70</b>  | <b>241</b>                         | <b>0.8</b> |
| Mid-depth     |            |              |             |              |                                    |            |
| Bottom        |            |              |             |              |                                    |            |

System Type: Stream: ☐ (1st - 2nd order 3rd - 4th order 5th - 6th order 7th order or greater) Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☐

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐

Water Surface (check box): Clear: ☐ Scum: ☐ Glob: ☒ Slick: ☐ **(small & sparse)**

Water Clarity (check box): Clear: ☐ Slightly turbid: ☒ Turbid: ☐ Opaque: ☐

Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☒ Other: ☐

Notes: **Previous orange/brown bloom has mostly receded. Highest concentration found on west coast near boat ramp**

| Abundance:           | Absent                              | Rare                     | Common                              | Abundant                            |
|----------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|
| Periphyton           | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Fish                 | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Aquatic Macrophytes  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Iron/sulfur Bacteria | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |

H2504  
LOT# S9834078  
EXP: 12/10/2019