

## CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

|                                                                                                                                                                                                                                                                                          |                                                                                           |                                                                                                                                  |                                     |                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------|
| WATERBODY NAME:<br><i>Mornings Bay</i>                                                                                                                                                                                                                                                   |                                                                                           | DATE (M/D/Y):<br><i>09/26/19</i>                                                                                                 | TIME: (AM) (PM)<br><i>1245</i>      | Case ID#:<br><i>SD092619-001</i>                                                     |
| LOCATION:<br><i>Park Shore Marina</i>                                                                                                                                                                                                                                                    |                                                                                           | COUNTY:<br><i>Collier</i>                                                                                                        | NEAREST TOWN/CITY:<br><i>Naples</i> |                                                                                      |
| Visit Type:<br>Initial <input type="checkbox"/><br>Recon <input type="checkbox"/><br>Sampling <input checked="" type="checkbox"/><br>Follow-up <input type="checkbox"/>                                                                                                                  | Samples collected:<br><input checked="" type="checkbox"/> yes <input type="checkbox"/> no | Samples submitted to:<br><i>7DEP-Tallahassee</i>                                                                                 |                                     | Photos Taken:<br><input checked="" type="checkbox"/> yes <input type="checkbox"/> no |
| Sample collection method:<br>Single Grab: <input checked="" type="checkbox"/> Grab Composite: <input type="checkbox"/> Depth integrated composite: <input type="checkbox"/>                                                                                                              |                                                                                           |                                                                                                                                  |                                     |                                                                                      |
| Sample & Analysis types:<br>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:<br>Lake/Estuary Typical depth: <input type="checkbox"/> m deep                                                                                                                                                                                                  |                                                                                           | Impounded: <input type="checkbox"/> yes <input type="checkbox"/> no                                                              |                                     |                                                                                      |
| Inflows: <input type="checkbox"/> yes <input type="checkbox"/> no                                                                                                                                                                                                                        |                                                                                           | Stream/River/Canal: <input type="checkbox"/> m wide                                                                              |                                     |                                                                                      |
| Outflows: <input type="checkbox"/> yes <input type="checkbox"/> no                                                                                                                                                                                                                       |                                                                                           | Typical Transect: <input type="checkbox"/> m deep <input checked="" type="checkbox"/> 1.9 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: <i>26</i> <i>11</i> <i>53.744</i> | Longitude: <i>81</i> <i>48</i> <i>44.755</i>      |                                                      |                                          |
| 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. (mM):  | Cond. (µmho/cm) or Salinity (ppt):                                                                                                                                                       | Salinity (ppt) | DO%         | Secchi (m) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|-------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------|------------|
| Top                                                                                                                                                                                                                                                     | <i>0.3</i> | <i>28.7</i> | <i>7.88</i> | <i>5.49</i> | <i>53119</i>                                                                                                                                                                             | <i>34.94</i>   | <i>86.2</i> | <i>1.9</i> |
| Mid-depth                                                                                                                                                                                                                                               |            |             |             |             |                                                                                                                                                                                          |                |             |            |
| Bottom                                                                                                                                                                                                                                                  | <i>1.4</i> | <i>28.6</i> | <i>7.84</i> | <i>5.06</i> | <i>53238</i>                                                                                                                                                                             | <i>35.03</i>   | <i>79.3</i> |            |
| 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 checked="" type="checkbox"/> Sewage: <input type="checkbox"/> Petroleum: <input type="checkbox"/> Chemical: <input type="checkbox"/> Other: <input type="checkbox"/>                                            |            |             |             |             |                                                                                                                                                                                          |                |             |            |
| Water Surface (check box): Clear: <input type="checkbox"/> Scum: <input type="checkbox"/> Glob: <input type="checkbox"/> Slick: <input checked="" type="checkbox"/> <i>oily</i>                                                                         |            |             |             |             |                                                                                                                                                                                          |                |             |            |
| Water Clarity (check box): Clear: <input checked="" type="checkbox"/> Slightly: <input type="checkbox"/> Turbid: <input type="checkbox"/> Opaque: <input type="checkbox"/>                                                                              |            |             |             |             |                                                                                                                                                                                          |                |             |            |
| Bloom Color (check box): Green: <input type="checkbox"/> Red: <input type="checkbox"/> Brown: <input type="checkbox"/> Other: <input type="checkbox"/>                                                                                                  |            |             |             |             |                                                                                                                                                                                          |                |             |            |
| Notes                                                                                                                                                                                                                                                   |            |             |             |             | Abundance:                                                                                                                                                                               |                |             |            |
| Contains: 1:1 H2SO4<br>Lot No.: SA9129100<br>Expires: 05/09/20<br>See Safety Data Sheet (SDS)                                                                                                                                                           |            |             |             |             | Periphyton <input type="checkbox"/> Absent <input type="checkbox"/> Rare <input type="checkbox"/> Common <input type="checkbox"/> Abundant <input type="checkbox"/>                      |                |             |            |
|                                                                                                                                                                                                                                                         |            |             |             |             | Fish <input type="checkbox"/> Absent <input type="checkbox"/> Rare <input type="checkbox"/> Common <input checked="" type="checkbox"/> Abundant <input type="checkbox"/>                 |                |             |            |
|                                                                                                                                                                                                                                                         |            |             |             |             | Aquatic Macrophytes <input type="checkbox"/> Absent <input type="checkbox"/> Rare <input type="checkbox"/> Common <input type="checkbox"/> Abundant <input type="checkbox"/>             |                |             |            |
|                                                                                                                                                                                                                                                         |            |             |             |             | Iron/sulfur Bacteria <input checked="" type="checkbox"/> Absent <input type="checkbox"/> Rare <input type="checkbox"/> Common <input type="checkbox"/> Abundant <input type="checkbox"/> |                |             |            |

|                                                                                                             |                                                                                 |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| VISIT TEAM<br>Contains: 1:1 H2SO4<br>Lot No.: SA9129100<br>Expires: 05/09/20<br>See Safety Data Sheet (SDS) | AGENCY:<br><i>7DEP-SOROC</i><br><i>Nicole Kristad</i><br><i>Miranda Carroll</i> |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|