

Customer: WQAP
Project ID: BLOOM-RESP

Requester: Kirby Wolfe
Collected By: Monica Jacobs

Field Report Prepared By: William Mullin
Sampling Agency: FDSE DEAR SOLAR

|              |  |                                                      |  |                                                                        |  |                                 |  |                           |  |                                                                                           |  |                                                                                    |  |                        |  |                                                                              |  |                                   |  |
|--------------|--|------------------------------------------------------|--|------------------------------------------------------------------------|--|---------------------------------|--|---------------------------|--|-------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|------------------------|--|------------------------------------------------------------------------------|--|-----------------------------------|--|
| Location     |  | Josephine Creek - SR <del>22</del> <sup>151</sup> 22 |  | <input type="checkbox"/> Comp <input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab) |  | Date 05/05/2022 Time 0940 |  | <div> <input checked="" type="checkbox"/> Eastern <input type="checkbox"/> Central </div> |  | Composite end                                                                      |  | Date                   |  | Time                                                                         |  | Bottle Group(s)                   |  |
| Field ID     |  | HAB-SD-05052022-0940                                 |  | Matrix (type, e.g., Salt, Fresh, etc)                                  |  | Fresh                           |  | Diss. Oxygen              |  | 1.69                                                                                      |  | <input checked="" type="checkbox"/> mg/L <input checked="" type="checkbox"/> % sat |  | Total Res. Chlorine    |  | (mg/L)                                                                       |  | (See pg 2)                        |  |
| WIN/STORET # |  | HAB-SD-068                                           |  | Temp                                                                   |  | 26.2                            |  | pH                        |  | 6.08                                                                                      |  | Sample Depth                                                                       |  | 0.2                    |  | <input checked="" type="checkbox"/> ft <input checked="" type="checkbox"/> m |  | Sp. Conductance (umho/cm)         |  |
| Latitude     |  | 22.3933349                                           |  | <input type="checkbox"/> dd <input checked="" type="checkbox"/> dms    |  | Longitude                       |  | -81.41018863              |  | <input type="checkbox"/> dd <input checked="" type="checkbox"/> dms                       |  | Salinity (ppt)                                                                     |  | 0.10                   |  | Comments                                                                     |  | Total Depth 0.4m seed! Depth 0.4m |  |
| Location     |  |                                                      |  | <input type="checkbox"/> Comp <input type="checkbox"/> Grab            |  | Collection (comp begin or grab) |  | Date                      |  | Time                                                                                      |  | Eastern Central                                                                    |  | Composite end          |  | Date                                                                         |  | Time                              |  |
| Field ID     |  |                                                      |  | Matrix (type, e.g., Salt, Fresh, etc)                                  |  |                                 |  | Diss. Oxygen              |  |                                                                                           |  | <input type="checkbox"/> ft <input type="checkbox"/> m                             |  | Sp. Conductance (mg/L) |  | Total Res. Chlorine (mg/L)                                                   |  | Bottle Group(s)                   |  |
| WIN/STORET # |  |                                                      |  | Temp                                                                   |  |                                 |  | pH                        |  |                                                                                           |  | Sample Depth                                                                       |  |                        |  | <input type="checkbox"/> ft <input type="checkbox"/> m                       |  | Sp. Conductance (umho/cm)         |  |
| Latitude     |  |                                                      |  | <input type="checkbox"/> dd <input type="checkbox"/> dms               |  | Longitude                       |  |                           |  | <input type="checkbox"/> dd <input type="checkbox"/> dms                                  |  | Salinity (ppt)                                                                     |  |                        |  | Comments                                                                     |  |                                   |  |
| Location     |  |                                                      |  | <input type="checkbox"/> Comp <input type="checkbox"/> Grab            |  | Collection (comp begin or grab) |  | Date                      |  | Time                                                                                      |  | Eastern Central                                                                    |  | Composite end          |  | Date                                                                         |  | Time                              |  |
| Field ID     |  |                                                      |  | Matrix (type, e.g., Salt, Fresh, etc)                                  |  |                                 |  | Diss. Oxygen              |  |                                                                                           |  | <input type="checkbox"/> ft <input type="checkbox"/> m                             |  | Sp. Conductance (mg/L) |  | Total Res. Chlorine (mg/L)                                                   |  | Bottle Group(s)                   |  |
| WIN/STORET # |  |                                                      |  | Temp                                                                   |  |                                 |  | pH                        |  |                                                                                           |  | Sample Depth                                                                       |  |                        |  | <input type="checkbox"/> ft <input type="checkbox"/> m                       |  | Sp. Conductance (umho/cm)         |  |
| Latitude     |  |                                                      |  | <input type="checkbox"/> dd <input type="checkbox"/> dms               |  | Longitude                       |  |                           |  | <input type="checkbox"/> dd <input type="checkbox"/> dms                                  |  | Salinity (ppt)                                                                     |  |                        |  | Comments                                                                     |  |                                   |  |
| Location     |  |                                                      |  | <input type="checkbox"/> Comp <input type="checkbox"/> Grab            |  | Collection (comp begin or grab) |  | Date                      |  | Time                                                                                      |  | Eastern Central                                                                    |  | Composite end          |  | Date                                                                         |  | Time                              |  |
| Field ID     |  |                                                      |  | Matrix (type, e.g., Salt, Fresh, etc)                                  |  |                                 |  | Diss. Oxygen              |  |                                                                                           |  | <input type="checkbox"/> ft <input type="checkbox"/> m                             |  | Sp. Conductance (mg/L) |  | Total Res. Chlorine (mg/L)                                                   |  | Bottle Group(s)                   |  |
| WIN/STORET # |  |                                                      |  | Temp                                                                   |  |                                 |  | pH                        |  |                                                                                           |  | Sample Depth                                                                       |  |                        |  | <input type="checkbox"/> ft <input type="checkbox"/> m                       |  | Sp. Conductance (umho/cm)         |  |
| Latitude     |  |                                                      |  | <input type="checkbox"/> dd <input type="checkbox"/> dms               |  | Longitude                       |  |                           |  | <input type="checkbox"/> dd <input type="checkbox"/> dms                                  |  | Salinity (ppt)                                                                     |  |                        |  | Comments                                                                     |  |                                   |  |
| Location     |  |                                                      |  | <input type="checkbox"/> Comp <input type="checkbox"/> Grab            |  | Collection (comp begin or grab) |  | Date                      |  | Time                                                                                      |  | Eastern Central                                                                    |  | Composite end          |  | Date                                                                         |  | Time                              |  |
| Field ID     |  |                                                      |  | Matrix (type, e.g., Salt, Fresh, etc)                                  |  |                                 |  | Diss. Oxygen              |  |                                                                                           |  | <input type="checkbox"/> ft <input type="checkbox"/> m                             |  | Sp. Conductance (mg/L) |  | Total Res. Chlorine (mg/L)                                                   |  | Bottle Group(s)                   |  |
| WIN/STORET # |  |                                                      |  | Temp                                                                   |  |                                 |  | pH                        |  |                                                                                           |  | Sample Depth                                                                       |  |                        |  | <input type="checkbox"/> ft <input type="checkbox"/> m                       |  | Sp. Conductance (umho/cm)         |  |
| Latitude     |  |                                                      |  | <input type="checkbox"/> dd <input type="checkbox"/> dms               |  | Longitude                       |  |                           |  | <input type="checkbox"/> dd <input type="checkbox"/> dms                                  |  | Salinity (ppt)                                                                     |  |                        |  | Comments                                                                     |  |                                   |  |

Relinquished By: William Mullin
Date/Time: 05/05/22 1500
Shipping Method: FedEx
Number of Coolers Shipped: 1
Received By:
Date/Time:

|          |                                                        |                    |                 |               |               |                                     |
|----------|--------------------------------------------------------|--------------------|-----------------|---------------|---------------|-------------------------------------|
| Group: A | Bottle Type:<br>BLOOM-ID                               | PT-50ML            | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
| Group: B | Bottle Type:<br>CHLSUITE-W                             | BP-1L              | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
| Group: B | Bottle Type:<br>W-MCYST-AA                             | BG-250ML-WDMT<br>H | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN | P-500ML            | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab |
| Group: B | Bottle Type:<br>W-PO4-F                                | P-125ML            | # of Bottles: 2 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab |



# 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 - 2022-02-28-44                                                                        |                                                                                 | Collected By: Monica Jaeger                                                                                                                   |                                                                                   |                                                |                            |                        |                       |                       |                        |                   |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------|----------------------------|------------------------|-----------------------|-----------------------|------------------------|-------------------|
| Customer: FDEP                                                                            | Field Report Prepared By: William Miller                                        |                                                                                                                                               |                                                                                   |                                                |                            |                        |                       |                       |                        |                   |
| Project ID: HAB Resp                                                                      | Sampling Agency: FDEP DEAR SOROC                                                |                                                                                                                                               |                                                                                   |                                                |                            |                        |                       |                       |                        |                   |
| Location: Josephine Creek - SE <del>22</del> 22                                           |                                                                                 | Comments: construction                                                                                                                        |                                                                                   |                                                |                            |                        |                       |                       |                        |                   |
| Field ID: HAB-SD-05052022-0440                                                            |                                                                                 | Coordinates: 27.373399, -81.4015863                                                                                                           |                                                                                   |                                                |                            |                        |                       |                       |                        |                   |
|                                                                                           |                                                                                 | Collection Equip: Bottle, Pole                                                                                                                |                                                                                   |                                                |                            |                        |                       |                       |                        |                   |
| WIN ID: HAB-SD-068                                                                        |                                                                                 | High Tide Time:                                                                                                                               | Low Tide Time:                                                                    |                                                |                            |                        |                       |                       |                        |                   |
| Matrix: Fresh                                                                             | 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>(PPT) |
| 05/05/22                                                                                  | 0940                                                                            | 20.8                                                                                                                                          | 1.69                                                                              | 26.2                                           | 6.08                       | 0.2                    | 0.4                   | 0.4                   | 206.9                  | 0.10              |
|                                                                                           |                                                                                 |                                                                                                                                               |                                                                                   |                                                |                            |                        |                       |                       |                        |                   |
| 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                                                    | Other: <input checked="" type="checkbox"/> N/A |                            |                        |                       |                       |                        |                   |
| Algae Distribution                                                                        | <input type="checkbox"/> Suspended in water column                              | <input type="checkbox"/> On surface                                                                                                           | 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              | 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                                    |                                                                                                                                               | <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<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 checked="" type="checkbox"/> <2         | 1                          | B                      |                       |                       |                        |                   |
|                                                                                           | Acid Lot: SA1308030                                                             | Exp: 12/01/2022                                                                                                                               |                                                                                   |                                                |                            |                        |                       |                       |                        |                   |
| 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 #: 17232873                                                          |                                                                                                                                               |                                                                                   |                                                |                            |                        |                       |                       |                        |                   |
| Quantitative Algae                                                                        | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                                    |                                                                                                                                               | <input type="checkbox"/> Ice                                                      | Lugols? Y / N                                  |                            |                        |                       |                       |                        |                   |
| Relinquished By:                                                                          | Date/Time                                                                       | Number of Coolers Shipped                                                                                                                     |                                                                                   | Received By:                                   | Date/Time                  |                        |                       |                       |                        |                   |
| William Miller                                                                            | 05/05/22<br>1500                                                                | 1                                                                                                                                             |                                                                                   |                                                |                            |                        |                       |                       |                        |                   |

