

RQ-2020-10-19-43

## Login Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 05/13/2021 @ 9:25

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 3.4                 |                 |                                        |          | 6                                     |               | X  |          |    | 9293 8010 3443     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 °C (above 10.0 °C for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# \_\_\_\_\_
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# \_\_\_\_\_
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# \_\_\_\_\_
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# \_\_\_\_\_

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes \_\_\_\_\_ No ☒

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒

Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_

Containers intact? Yes ☒ No \_\_\_\_\_

Caps on tight?

Yes ☒ No \_\_\_\_\_

Sufficient Sample Volume:

Yes ☒ No \_\_\_\_\_If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# \_\_\_\_\_

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes \_\_\_\_\_ No ☒ Init: Tyler

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No \_\_\_\_\_ Init: \_\_\_\_\_

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

## PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

\*\*Acid Preserved Samples: pH &lt; 2.0?

Yes ☒ No \_\_\_\_\_ NA \_\_\_\_\_ Init: Tyler

\*\*W-1-4-DIOX (Green dot on container) preserved to pH &lt; 4.0?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: Tyler

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

Coolers Unpacked/Checked by: Tyler MyrandaDate: 05/13/2021 Event contains NCRs (Y/N)? NoneEvent ID: Algal Bloom Response -SOROC  
WQAP-2021-05-13-02 (BLOOM-RESP)  
Date Received: 13-MAY-2021 09:25

# Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                            |
|--------------------------|----------------------------|
| Infrared Thermometer ID: | #4 Temp Gun EXP:10/28/2021 |
| pH Test Strips 0 – 6     | N/A                        |
| pH Paper 0 – 3           | N/A                        |
| pH Paper 0 – 13          | 210620 EXP:04/15/2023      |
| Chlorine Test Strips     | 0261 EXP:05/2023           |

## ENCORE SAMPLES

**S-VOC-MS samples in Encores must be frozen within 48 hours of collection.**

Were Encore samples received? Yes \_\_\_\_\_ Init: \_\_\_\_\_

Date and time placed in freezer \_\_\_\_\_

Were all samples placed in freezer within 48 hours of collection? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

**FOR CLEAN LAB USE ONLY** – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes \_\_\_\_\_ No \_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_



# Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

Email scanned submittal forms to [lab.receiving@FloridaDEP.gov](mailto:lab.receiving@FloridaDEP.gov)

| RQ - 2020-10-19-43                                                                        |                                                                                 | Collected By: WILLIAM MULLIN                                                                                                                  |                                       |                                                                  |                                           |                                        |                       |                       |                        |                   |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-----------------------|-----------------------|------------------------|-------------------|
| Customer: SD-DIST                                                                         |                                                                                 | Field Report Prepared By: JOHN BARRINGTON                                                                                                     |                                       |                                                                  |                                           |                                        |                       |                       |                        |                   |
| Project ID: BOOM-RESP.                                                                    |                                                                                 | Sampling Agency: SOROC FDEP                                                                                                                   |                                       |                                                                  |                                           |                                        |                       |                       |                        |                   |
| Location: <del>CALOSA HATCHER</del> CALOSA HATCHER - BARRON PARK                          |                                                                                 | Comments: ALGAE BLOOM OBSERVED. GREEN SURFACE SLICK, & THROUGHOUT WATER COLUMN. WIND BLOWN TO SOUTH SHORE.                                    |                                       |                                                                  |                                           |                                        |                       |                       |                        |                   |
| Field ID: JTB HAB-SD-01 HAB-SD-051221-01                                                  |                                                                                 | Coordinates:                                                                                                                                  |                                       |                                                                  |                                           |                                        |                       |                       |                        |                   |
| WIN ID:                                                                                   |                                                                                 | Collection Equip: BOTTLES                                                                                                                     |                                       |                                                                  |                                           |                                        |                       |                       |                        |                   |
| Matrix: FRESH                                                                             |                                                                                 | High Tide Time: — Low Tide Time: —                                                                                                            |                                       |                                                                  |                                           |                                        |                       |                       |                        |                   |
| 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) |
| 5/12/21                                                                                   | 0930                                                                            | 75.8                                                                                                                                          | 5.78                                  | 29.4                                                             | 7.88                                      | 0.3                                    | 1.0                   | 0.7                   | 402.8                  | 0.19              |
| Bloom Observations                                                                        |                                                                                 |                                                                                                                                               |                                       |                                                                  |                                           |                                        |                       |                       |                        |                   |
| Algal Bloom Observed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                                                                 |                                                                                                                                               |                                       |                                                                  |                                           |                                        |                       |                       |                        |                   |
| Water Surface                                                                             | <input type="checkbox"/> Clear                                                  | <input type="checkbox"/> Scum                                                                                                                 | <input type="checkbox"/> Globbs       | <input checked="" type="checkbox"/> Slick                        |                                           |                                        |                       |                       |                        |                   |
| Water Clarity                                                                             | <input type="checkbox"/> Clear                                                  | <input checked="" type="checkbox"/> Slightly Turbid                                                                                           | <input type="checkbox"/> Turbid       | <input type="checkbox"/> Opaque                                  |                                           |                                        |                       |                       |                        |                   |
| Bloom Color                                                                               | <input checked="" type="checkbox"/> Green                                       | <input type="checkbox"/> Red                                                                                                                  | <input type="checkbox"/> Brown        | <input type="checkbox"/> Other: _____                            | <input type="checkbox"/> N/A              |                                        |                       |                       |                        |                   |
| Algae Distribution                                                                        | <input checked="" type="checkbox"/> Suspended in water column                   | <input checked="" type="checkbox"/> On surface                                                                                                | <input type="checkbox"/> Other: _____ | <input type="checkbox"/> N/A                                     |                                           |                                        |                       |                       |                        |                   |
| Water Odors                                                                               | <input checked="" type="checkbox"/> Normal                                      | <input type="checkbox"/> Sewage                                                                                                               | <input type="checkbox"/> Petroleum    | <input type="checkbox"/> Chemical                                | <input type="checkbox"/> Other: _____     |                                        |                       |                       |                        |                   |
| Parameter Suite                                                                           | Parameter Methods                                                               |                                                                                                                                               |                                       | Preservation                                                     | pH Check                                  | #Bottles Sent to Lab                   | Bottle Group          |                       |                        |                   |
| Bloom ID (PT-50mL)                                                                        | <input checked="" type="checkbox"/> BLOOM-ID                                    |                                                                                                                                               |                                       | <input checked="" type="checkbox"/> Ice                          |                                           | 1                                      | A                     |                       |                        |                   |
| Chlorophyll (BP-1L)                                                                       | <input checked="" type="checkbox"/> CHLSUITE-W                                  |                                                                                                                                               |                                       | <input checked="" type="checkbox"/> Ice                          |                                           | 1                                      | B                     |                       |                        |                   |
| Toxins (BG-WD250)                                                                         | <input checked="" type="checkbox"/> W-MCYST-AA                                  |                                                                                                                                               |                                       | <input checked="" type="checkbox"/> Ice                          |                                           | 1                                      | B                     |                       |                        |                   |
| Preserved Nutrients (500mL HDPE)                                                          | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP         |                                                                                                                                               |                                       | <input checked="" type="checkbox"/> Ice                          | <input checked="" type="checkbox"/> H2SO4 | <input checked="" type="checkbox"/> <2 | 1                     | B                     |                        |                   |
|                                                                                           | Acid Lot:                                                                       | SA0353110                                                                                                                                     |                                       | Exp:                                                             | 11/1/21                                   |                                        |                       |                       |                        |                   |
| Filtered Nutrients (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 #: 16989757                                           |                                           |                                        |                       |                       |                        |                   |
| Quantitative Algae                                                                        | <input checked="" type="checkbox"/> DTY-QN-C / PKD-QN-C                         |                                                                                                                                               |                                       | <input checked="" type="checkbox"/> Ice                          | Lugols? Y (N)                             |                                        | 1                     | B                     |                        |                   |
| Relinquished By:                                                                          | Date/Time                                                                       | Number of Coolers Shipped                                                                                                                     |                                       | Received By:                                                     | Date/Time                                 |                                        |                       |                       |                        |                   |
| JOHN BARRINGTON                                                                           | 5/12/21 1500                                                                    | 1                                                                                                                                             |                                       | TR                                                               | 05/13/2021 @ 9:05                         |                                        |                       |                       |                        |                   |

Date of Request: 29-SEP-2020  
 Created By: WOLFE\_K On: 29-SEP-2020  
 Modified By: JASROTIA\_P On: 05-OCT-2020  
 Customer: WQAP  
 Project: BLOOM-RESP  
 Division: Division of Environmental Assessment and Restoration  
 District: SROC  
 Event Description: Algal Bloom Response -SOROC

**Send Coolers To:**

Phone: 850-245-8416  
 2295 Victoria AVE  
 Suite 364  
 Fort Myers, FL 33901  
 Attn: Kirby Wolfe  
 Cooler Ship EMail: kirby.wolfe@dep.state.fl.us

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 02-OCT-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 05-OCT-2020  
 Sampling Kit Required: YES Ship on: 09-OCT-2020  
 Sampling Kit Shipped: YES On: 07-OCT-2020  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 19-OCT-2020  
 Logged In By: REYNOLDS\_T On: 04-MAY-2021

**Send Final Report To:**

2295 Victoria AVE  
 Suite 364  
 Fort Myers, FL 33901  
 Attn: Kirby Wolfe  
 Report Notification EMail:  
 kirby.wolfe@dep.state.fl.us;kalina.warren@dep.state.fl.us;Cheryl.  
 Swanson@dep.state.fl.us;Miranda.Carroll@FloridaDEP.gov;Chri  
 s.Hormuth@FloridaDEP.gov;Nicole.Reistad@floridadep.gov;Joh  
 n.Barrington@floridadep.gov

Comments: Unless peak algal bloom season, may analyze toxin after consultation with Biology's Taxonomy Manager.

Bottle Group A - Priority 1  
 For algal dominant taxon.

Bottle Group B - Priority 1  
 For toxin, nutrients, chlorophyll, algal full ID

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgement to decide which samples are appropriate to collect for a particular response. All sets of bottles do not have to be filled at one time.

Please print two copies of algal job labels at login

**Bottle Group A (Biological) With 2 Samples:**

Bottle Type: PT-50ML Number of Bottles: 2 Preserved With: ICE  
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

**Bottle Group B (Water) With 2 Samples:**

Bottle Type: BP-1L Number of Bottles: 2 Preserved With: ICE  
 CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: BP-1L Number of Bottles: 2 Preserved With: Lugols  
 DTY-QN-C Template: DEFAULT (SOP-AB05\_1) No. of diatom taxa of quantitative phytoplankton sample.  
 PKD-QN-C Template: DEFAULT (SOP-AB05) No. of wet taxa of quantitative phytoplankton sample.

Bottle Type: BG-250ML-WDMTH Number of Bottles: 2 Preserved With: ICE  
 W-MCYST-AA Template: (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: ICE And H2SO4  
 W-NH3 Template: DEFAULT (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L  
 W-NO2NO3 Template: DEFAULT (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  
 W-S-A-TP Template: DEFAULT (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L  
 W-TKN Template: DEFAULT (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 2 Preserved With: FILTER-ICE  
 W-PO4-F Template: DEFAULT (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

\* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.