

RQ- 2020-03-02-76

## Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/17/2020 10:45

| *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 |                    |
| 3.1                 |                 |                                        |          | 2                                     |               | ✓  |          |    | 127840123800       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 oC (above 10.0 oC 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: IM

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: IM\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☐ NA ☒ Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 6/17/2020

Event contains NCRs (Y/N)? ☒Event ID: Lee County Bloom Response  
WQAP-2020-06-17-01 (BLOOM-RESP)Page 1 of 2, 06/17/2020, 10:45 AM  
Date Received: 17-JUN-2020 10:45

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                            |
|--------------------------|----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #2 exp:11/5/20 |
| pH Test Strips 0 – 6     |                            |
| pH Paper 0 – 3           |                            |
| pH Paper 0 – 13          | 231019 exp: 11/1/22        |
| Chlorine Test Strips     | 8261 exp: 07/2021          |

### 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-2020-03-02-76          |      | Collected By: Sue Davis                                                                                                                       |                     |
| Customer:                 |      | Field Report Prepared By:                                                                                                                     |                     |
| Project ID:               |      | Sampling Agency: Lee County Environmental Lab                                                                                                 |                     |
| Location: Davis Boat ramp |      | Comments:                                                                                                                                     |                     |
| Field ID:                 |      | Coordinates: 26.71149, -81.75322                                                                                                              |                     |
|                           |      | Collection Equip:                                                                                                                             |                     |
| WIN ID:                   |      | High Tide Time: 1337                                                                                                                          | Low Tide Time: 0656 |
| Matrix:                   | Grab | Tide: <input checked="" type="checkbox"/> Rising <input type="checkbox"/> Falling <input type="checkbox"/> Slack <input 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) |
| 6/16/2020     | 0924                                                                            | -           | 4.6            | 29.6         | 7.1        | 0.3                    | 1.5                   | -                     | 997                    | -                 |
|               |                                                                                 |             |                |              |            |                        |                       |                       |                        |                   |
|               |                                                                                 |             |                |              |            |                        |                       |                       |                        |                   |

| Bloom Observations                                                                        |                                                               |                                                     |                                                |                                                              |                                 |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------|--------------------------------------------------------------|---------------------------------|
| Algal Bloom Observed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                                               |                                                     |                                                |                                                              |                                 |
| Water Surface                                                                             | <input type="checkbox"/> Clear                                | <input checked="" type="checkbox"/> Scum            | <input type="checkbox"/> Globs                 | <input 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 type="checkbox"/> CHLSUITE-W                          | <input type="checkbox"/> Ice                          |                              |                                |                             |
| Toxins (BG-WD250)                | <input checked="" type="checkbox"/> W-MCYST-AA               | <input checked="" type="checkbox"/> Ice               |                              | 1                              | B                           |
| Preserved Nutrients (500mL HDPE) | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP |                                                       | <input type="checkbox"/> Ice | <input type="checkbox"/> H2SO4 | <input type="checkbox"/> <2 |
|                                  | Acid Lot:                                                    | Exp:                                                  |                              |                                |                             |
| Filtered Nutrients (P125mL)      | <input type="checkbox"/> W-PO4-F                             | <input type="checkbox"/> Field Filtered 0.45µm Filter | <input type="checkbox"/> Ice |                                |                             |
|                                  | Filter Lot #                                                 |                                                       |                              |                                |                             |
| 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                      |                             |
| Sue Davis                        | 6/16/2020 @ 1330                                             | 1                                                     | IM                           | 6/17/20 10:45                  |                             |

Bloom ID  
JHM 1111 6/17/2020 Algal

Date of Request: 26-FEB-2020  
 Created By: RANKIN\_A On: 26-FEB-2020  
 Modified By: SWANSON\_C On: 26-FEB-2020  
 Customer: WQAP  
 Project: BLOOM-RESP  
 Division:  
 District:  
 Sampling Event: Lee County Bloom Response

**Send Coolers To:**

Phone: 239-533-8600  
 Lee County Environmental Lab  
 60-2 Danley Drive  
 Fort Meyers, FL 33907  
 Attn: Sue Davis

**Send Final Report To:**

60-2 Danley Drive  
  
 Fort Meyers, FL 33907  
 Attn: Sue Davis; Gary Snorek; John Barrington

Program Module Number:  
 Priority: 1  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 26-FEB-2020  
 Biology Request Reviewed By: SWANSON\_C On: 26-FEB-2020  
 Sampling Kit Required: YES Ship on: 28-FEB-2020  
 Sampling Kit Shipped: YES On: 27-FEB-2020  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 02-MAR-2020  
 Received By: SHAIK\_A On: 12-JUN-2020

Report Type: Final Only  
 FTP Data: NO  
 QC Report: YES  
 Date Log: NO  
 Authorization Log: NO

Comments: Please send 1 kit per 24 qt cooler.

Need 6 - 24qt coolers.

Bottle Group A-Priority 1  
 For algal dominant taxon.

Bottle Group B- Priority 1  
 For toxin testing, nutrients, and chlorophyll.

Please print two copies of algal job labels at login.

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. All bottles do not have to be filled at one time and can be spread among different sampling days and weeks. Samplers should use professional judgement to collect samples representative of waterbody conditions.

**Bottle Group A (Biological) With 6 Samples:**

Bottle Type: PT-50ML Number of Bottles: 6 Preserved With: ICE  
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

**Bottle Group B (Water) With 6 Samples:**

Bottle Type: BP-1L Number of Bottles: 6 Preserved With: ICE  
 CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: BG-250ML-WDMTH Number of Bottles: 6 Preserved With: ICE  
 W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 6 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: 6 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