

RQ-2019-11-25-32

## Login Checklist

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 12/11/19 @ 10:35

| Cooler Temperature* | Samples Frozen<br>YES | All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking #<br>Damaged waybills only |
|---------------------|-----------------------|--------------------------------------|----------|---------------------------------------|---------------|----|----------|----|-------------------------------------|
|                     |                       | HNO <sub>3</sub>                     | Formalin |                                       | Present?      |    | *Intact? |    |                                     |
|                     |                       |                                      |          |                                       | Yes           | No | Yes      | No |                                     |
| 1.9°C               |                       |                                      |          | 6                                     |               | X  |          |    | 4751 8781 8946                      |
|                     |                       |                                      |          |                                       |               |    |          |    |                                     |
|                     |                       |                                      |          |                                       |               |    |          |    |                                     |
|                     |                       |                                      |          |                                       |               |    |          |    |                                     |
|                     |                       |                                      |          |                                       |               |    |          |    |                                     |
|                     |                       |                                      |          |                                       |               |    |          |    |                                     |
|                     |                       |                                      |          |                                       |               |    |          |    |                                     |

\*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO<sub>3</sub> and Formalin preserved samples do **NOT** have a temperature requirement. DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; An NCR still is required.

\*\*Chain of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☐ No ☒

**\*\*Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

## CONTAINER CHECK

\*\*Evidence Tape on Bottles? Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐  
 \*\*Caps on tight? Yes ☒ No ☐ \*\*Containers intact? Yes ☒ No ☐  
 \*\*Sufficient Sample Volume: Yes ☒ No ☐

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☐ No ☒ Init: Jylup

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init: ☐

If "YES", list affected Field IDs and Test IDs below.

| Field ID | List TestID(s) where Chlorine was Detected, an NCR is required. |
|----------|-----------------------------------------------------------------|
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |

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

\*\*Acid Preserved Samples: pH < 2.0? Yes ☒ No ☐ NA ☐ Init: Jylup

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

Coolers Unpacked/Checked by: Jylup Reynolds Date: 12/11/19

NCRs (Y/N)? None

Event ID: Algal Bloom Response -SOROC  
WQAP-2019-12-11-02 (BLOOM-RESP)

NCR #

Date Received: 11-DEC-2019 10:35

# 

### Samples with Incorrect pH Preservation

| Field ID | Bottle Test ID(s) | pH | Action Taken |
|----------|-------------------|----|--------------|
|          |                   |    |              |
|          |                   |    |              |
|          |                   |    |              |

### Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

| Cooler ID | Field ID | Bottle Test ID(s) |
|-----------|----------|-------------------|
|           |          |                   |
|           |          |                   |
|           |          |                   |

### Bottles Not Intact

| Field ID | Bottle Test ID(s) | Loose Cap | Damaged Cap |    | Damaged Container |    | Evidence Tape Not Intact |
|----------|-------------------|-----------|-------------|----|-------------------|----|--------------------------|
|          |                   |           | CK          | BR | CK                | BR |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |

### Samples with Insufficient Volume for Analyses

| Field ID | Bottle Test ID(s) | Action Taken |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |

### Additional Comments:

|                            |                       |
|----------------------------|-----------------------|
| Infrared Thermometer ID:   | Temp Gun #4 / 045     |
| pH Test Strips 0 – 6 Lot # |                       |
| pH Paper 0 – 3 Lot #       | 213316AV Exp: 5-15-20 |
| pH Paper 0 – 13 Lot #      | 208111 Exp: 3-31-20   |
| Chlorine Test Strips Lot # | 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 \_\_\_\_\_ No X

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

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

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

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

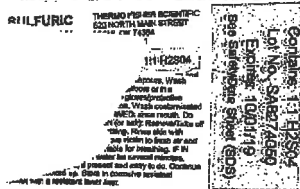
Samples preserved within 48 hours? Yes \_\_\_\_\_ No \_\_\_\_\_

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



# Cyanobacteria Bloom Response Field Data Sheet (2019-11-26 v3)

|                                                                                           |                                                                                                                              |                                          |                                                                  |                                                 |                             |                     |                    |                   |                    |                       |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------|-------------------------------------------------|-----------------------------|---------------------|--------------------|-------------------|--------------------|-----------------------|
| RQ- 2019-11-25-32                                                                         |                                                                                                                              | Collected By:                            | KW GS CH MC                                                      |                                                 |                             |                     |                    |                   |                    |                       |
| Customer:                                                                                 | DEP                                                                                                                          | Field Report Prepared By:                | MC                                                               |                                                 |                             |                     |                    |                   |                    |                       |
| Project ID:                                                                               | Bloom Response                                                                                                               | Sampling Agency:                         | FDEP SROC                                                        |                                                 |                             |                     |                    |                   |                    |                       |
| Field ID:<br>SDHAB-12102019-001                                                           |                                                                                                                              | Comments:<br>protein slick on surface    |                                                                  |                                                 |                             |                     |                    |                   |                    |                       |
| Site Name:<br>Marine Town Hancock Creek                                                   |                                                                                                                              | Collection Equipment:                    | Pole                                                             |                                                 |                             |                     |                    |                   |                    |                       |
| Matrix:                                                                                   | Marine                                                                                                                       | Grab                                     | Coordinates:                                                     |                                                 |                             |                     |                    |                   |                    |                       |
| Tide:                                                                                     | <input type="checkbox"/> Rising <input type="checkbox"/> Falling <input type="checkbox"/> Slack <input type="checkbox"/> N/A | High Tide Time:                          | Low Tide Time:                                                   |                                                 |                             |                     |                    |                   |                    |                       |
| Water Quality                                                                             |                                                                                                                              |                                          |                                                                  |                                                 |                             |                     |                    |                   |                    |                       |
| Date                                                                                      | Time<br><input checked="" type="checkbox"/> EST<br><input type="checkbox"/> CEN                                              | D.O.<br>(mg/L)                           | D.O. (%)                                                         | Temp<br>°C                                      | pH<br>(SU)                  | Sample<br>Depth (m) | Cond.<br>(umho/cm) | Salinity<br>(PPT) | Secchi Disk<br>(m) | Total<br>Depth<br>(m) |
| 12/10/<br>2019                                                                            | 0830                                                                                                                         | 6.31                                     | 77.2                                                             | 21.8                                            | 7.22                        | 0.3                 | 20510              | 12.28             | 0.9                | 0.9<br>(s)            |
| 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 checked="" type="checkbox"/> Clear                                                                                    | <input type="checkbox"/> Slightly Turbid | <input type="checkbox"/> Turbid                                  | <input type="checkbox"/> Opaque                 |                             |                     |                    |                   |                    |                       |
| Bloom Color                                                                               | <input type="checkbox"/> Green                                                                                               | <input type="checkbox"/> Red             | <input type="checkbox"/> Brown                                   | <input checked="" type="checkbox"/> Other: none |                             |                     |                    |                   |                    |                       |
| Algae Distribution                                                                        | <input type="checkbox"/> Suspended in water column                                                                           | <input type="checkbox"/> On surface      | <input checked="" type="checkbox"/> Other: none                  |                                                 |                             |                     |                    |                   |                    |                       |
| 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 Check                                        | #Bottles Sent to Lab        | Bottle Group        |                    |                   |                    |                       |
| Bloom ID (PT-50ML)                                                                        | <input checked="" type="checkbox"/> BLOOM-ID                                                                                 |                                          | <input type="checkbox"/> Ice                                     |                                                 | 1                           | A                   |                    |                   |                    |                       |
| Chlorophyll (BP-1L)                                                                       | <input checked="" type="checkbox"/> CHLSUITE-W                                                                               |                                          | <input type="checkbox"/> Ice                                     |                                                 | 1                           | B                   |                    |                   |                    |                       |
| Toxins (BG-WD250)                                                                         | <input checked="" type="checkbox"/> W-MCYST-AA                                                                               |                                          | <input type="checkbox"/> Ice                                     |                                                 | 1                           | B                   |                    |                   |                    |                       |
| Preserved Nutrients (500mL HDPE)                                                          | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP                                                      |                                          | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4      | <input type="checkbox"/> <2                     | 1                           | B                   |                    |                   |                    |                       |
|                                                                                           | Lot SA8274050                                                                                                                |                                          | Exp: 10/1/19 reart.                                              |                                                 | <input type="checkbox"/> <2 |                     |                    |                   |                    |                       |
| Filtered Nutrients (P125mL)                                                               | <input checked="" type="checkbox"/> W-PO4-F                                                                                  |                                          | <input checked="" type="checkbox"/> Field Filtered 0.45um Filter | <input type="checkbox"/> Ice                    | 1                           | B                   |                    |                   |                    |                       |
| Quantitative Algae                                                                        | <input checked="" type="checkbox"/> DTY-QN-C / PKD-QN-C                                                                      |                                          | <input type="checkbox"/> Ice <input type="checkbox"/> Lugols     |                                                 | 1                           | C                   |                    |                   |                    |                       |
| Relinquished By:                                                                          | Date/Time                                                                                                                    | Number of Coolers Shipped                |                                                                  | Received By:                                    | Date/Time                   |                     |                    |                   |                    |                       |
| M. M. Carr                                                                                | 12/10/19                                                                                                                     | 1                                        |                                                                  |                                                 |                             |                     |                    |                   |                    |                       |



Date of Request: 21-NOV-2019  
 Created By: WOLFE\_K On: 21-NOV-2019  
 Modified By: JASROTIA\_P On: 21-NOV-2019  
 Customer: WQAP  
 Project: BLOOM-RESP  
 Division: Division of Environmental Assessment and Restoration  
 District: SROC  
 Sampling Event: Algal Bloom Response -SOROC

**Send Coolers To:**

Phone: 850-245-8416  
 2295 Victoria AVE  
 Suite 364  
 Fort Myers, FL 33901  
 Attn: Kirby Wolfe

Program Module Number:

Priority: 1  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 21-NOV-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 21-NOV-2019  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 25-NOV-2019  
 Received By: REYNOLDS\_T On: 11-DEC-2019

**Send Final Report To:**

2295 Victoria AVE  
 Suite 364  
 Fort Myers, FL 33901  
 Attn: Kirby Wolfe

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

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

Bottle Groups A/B - separate event, priority 1  
 Bottle Group C - separate event, priority 12

Bottle Group A - Priority 1  
 For algal dominant taxon.

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

Bottle Group C - Priority 12  
 For 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: BG-250ML-WDMTH Number of Bottles: 2 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: 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 Group B (Water) With 2 Samples:**

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

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

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.

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