

# Login Checklist

RQ- 2021-10-25-53

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/ 29 /21 @ 9:57

| *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 |                    |
| -0.2                |                 |                                        |          | 11                                    |               | ✓  |          |    | 5225 5541 1599     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO3 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: kh

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 < 2.0?

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

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

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

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

Coolers Unpacked/Checked by: kh

Date: 10/ 29 /21

Event contains NCRs (Y/N)? N

Event ID:

Algal Bloom Response - CEROC  
WQAP-2021-10-29-01 (BLOOM-RESP)

Date Received: 29-OCT-2021 09:57

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #5 EXP:10-19-22 |
| pH Test Strips 0 – 6     | Lot#210620 EXP:4-15-23      |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | Lot#210620 EXP:4-15-23      |
| Chlorine Test Strips     | Lot#0070 EXP:2-23           |

### 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 - 2021 - 10-25-53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                       | Collected By: Terry Riordan + Victoria Schwartz                                                                                                                                                                                                                                                                                                                              |                                                                                                                              |              |                                                                                 |                        |                       |                       |                        |                        |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|--------------------|----------|-------|------|------|------|------|-----|-----|-----|-------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Customer: WQAP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Field Report Prepared By: Victoria Schwartz                                                                                           |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                              |              |                                                                                 |                        |                       |                       |                        |                        |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Project ID: BLOOM-RESP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sampling Agency: 21FLCEN - CEROC                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                              |              |                                                                                 |                        |                       |                       |                        |                        |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Field ID: HABCE0086_LakeHowell<br>WIN ID: HABCE0086<br>Lake Howell - SW Corner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                       | Comments: Water green - no visible bloom<br>(weather: 80s /overcast/ on + off rain)<br>Coordinates: 28.6368, -81.3177<br>Collection Equip: Sample bottles, syringe<br>High Tide Time: — Low Tide Time: —<br>Matrix: Fresh Grab Tide: <input type="checkbox"/> Rising <input type="checkbox"/> Falling <input type="checkbox"/> Slack <input checked="" type="checkbox"/> N/A |                                                                                                                              |              |                                                                                 |                        |                       |                       |                        |                        |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1"> <thead> <tr> <th>Date</th> <th>Time<br/><input checked="" type="checkbox"/> EST<br/><input type="checkbox"/> CEN</th> <th>D.O.<br/>(%)</th> <th>D.O.<br/>(mg/L)</th> <th>Temp<br/>(°C)</th> <th>pH<br/>(SU)</th> <th>Sample<br/>Depth<br/>(m)</th> <th>Total<br/>Depth<br/>(m)</th> <th>Secchi<br/>Disk<br/>(m)</th> <th>Sp. Cond.<br/>(µmho/cm)</th> <th>Salinity<br/>(PPTH)</th> </tr> </thead> <tbody> <tr> <td>10/28/21</td> <td>13:01</td> <td>96.5</td> <td>7.89</td> <td>25.6</td> <td>7.63</td> <td>0.3</td> <td>1.2</td> <td>0.9</td> <td>180.5</td> <td>0.08</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>                                                                                                                                                   |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                              | 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>(PPTH) | 10/28/21 | 13:01 | 96.5 | 7.89 | 25.6 | 7.63 | 0.3 | 1.2 | 0.9 | 180.5 | 0.08 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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>(PPTH)     |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10/28/21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 13:01                                                                                                                                 | 96.5                                                                                                                                                                                                                                                                                                                                                                         | 7.89                                                                                                                         | 25.6         | 7.63                                                                            | 0.3                    | 1.2                   | 0.9                   | 180.5                  | 0.08                   |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                              |              |                                                                                 |                        |                       |                       |                        |                        |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                              |              |                                                                                 |                        |                       |                       |                        |                        |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Bloom Observations</b><br>Algal Bloom Observed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Water Surface <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Scum <input type="checkbox"/> Globbs <input type="checkbox"/> Slick<br>Water Clarity <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Slightly Turbid <input type="checkbox"/> Turbid <input type="checkbox"/> Opaque<br>Bloom Color <input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Brown <input type="checkbox"/> Other: <input checked="" type="checkbox"/> N/A<br>Algae Distribution <input type="checkbox"/> Suspended in water column <input type="checkbox"/> On surface <input type="checkbox"/> Other: <input checked="" type="checkbox"/> N/A<br>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<br>pH Check<br>#Bottles Sent to Lab<br>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<br>Acid Lot: SA1105060 Exp: 4/30/22                           |                                                                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 <input checked="" type="checkbox"/> <2 1 B |              |                                                                                 |                        |                       |                       |                        |                        |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Filtered Nutrients (P125mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45µm Filter<br>Filter Lot # 17135566 |                                                                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice 1 B                                                                                  |              |                                                                                 |                        |                       |                       |                        |                        |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Quantitative Algae                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> DTY-QN-C / PKD-QN-C                                                                                          |                                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/> Ice Lugols? Y / N                                                                                   |              |                                                                                 |                        |                       |                       |                        |                        |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Relinquished By: V. Schwartz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Date/Time: 10/28/21 16:00                                                                                                             | Number of Coolers Shipped: 1                                                                                                                                                                                                                                                                                                                                                 | Received By: HK Date/Time: 10-29-21 / 0957                                                                                   |              |                                                                                 |                        |                       |                       |                        |                        |                       |                       |                        |                    |          |       |      |      |      |      |     |     |     |       |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

LIMS EVENT ID: WQAP-2021-

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Date of Request: 12-OCT-2021  
 Created By: BOMAN\_L On: 12-OCT-2021  
 Modified By: JASROTIA\_P On: 14-OCT-2021  
 Customer: WQAP  
 Project: BLOOM-RESP  
 Division: Division of Environmental Assessment and Restoration  
 District: Central  
 Event Description: Algal Bloom Response - CEROC

**Send Coolers To:**

Phone: 407-897-4181  
 3319 Maguire Blvd Ste 232  
  
 Orlando, FL 32803  
 Attn: Leif Boman  
 Cooler Ship Email: Leif.Boman@FloridaDep.gov

Priority: 1  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 12-OCT-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 14-OCT-2021  
 Sampling Kit Required: YES Ship on: 21-OCT-2021  
 Sampling Kit Shipped: YES On: 18-OCT-2021  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 25-OCT-2021  
 Logged In By: KLUG\_K On: 29-OCT-2021

**Send Final Report To:**

3319 Maguire Blvd. Suite 232  
  
 Orlando, FL 32803  
 Attn: Matt Bearden  
 Report Notification Email: Matthew.Bearden@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 testing, nutrients, chlorophyll

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 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: (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

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

**Cooler Packing Worksheet for Request: RQ-2021-10-25-53**

**Algal Bloom Response - CEROC**

**Ship Cooler On: 10/21/2021**

**Customer/Project: WQAP/BLOOM-RESP**

Assigned To: KLUG\_K

Requester: Leif Boman

Priority: 1

407-897-4181  
3319 Maguire Blvd Ste 232  
  
Orlando, FL 32803  
  
Attn: Leif Boman

**Comments:**

No preservatives needed.

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 testing, nutrients, chlorophyll

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

**Requested Analyses:**

**Bottle Group: A**

**# of Sites: 6**

Container ID: PT-50ML

Qty: 6

Preservation: ICE

Lot # 11621053

Description: Plastic Tube 50 mL

**Analysis**

BLOOM-ID

**Description**

Assessment of dominant algal taxa in bloom or mat sample

**Bottle Group: B**

**# of Sites: 6**

Container ID: BP-1L

Qty: 6

Preservation: ICE

Lot # 1326677

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: BG-250ML-WDMTH Qty: 6 Preservation: ICE

Lot # 00081284(4)  
00080440(2)

Description: Wide Mouth Amber Glass Bottle 250 ml

Analysis  
W-MCYST-AA

Description  
Microcystins in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 6 Preservation: ICE And H2SO4

Lot # 00080679

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis  
W-NH3  
W-NO2NO3  
W-S-A-TP  
W-TKN

Description  
Ammonia in aqueous matrices as mg N/L  
Nitrite/Nitrate in aqueous matrices as mg N/L  
Total Phosphorus in aqueous matrices as mg P/L  
Total Kjeldahl Nitrogen in aqueous matrices

Container ID: P-125ML

Qty: 6 Preservation: FILTER-ICE

Lot # 00081571

Description: Plastic Bottle 125 mL

Analysis  
W-PO4-F

Description  
Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: HL

Number of Coolers: 2

Date: 10-18-21

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☐ Acid Labels (sets of 24)

If Preservation Included:

|          |           |             |
|----------|-----------|-------------|
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |

**PLEASE RETURN ALL COOLERS FOR RQ-2021-10-25-53**