

RQ- 2021-06-28-06

## Login Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 07-16-2021 / 09:15

| *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 |                    |
| 3.1c                |                 |                                        |          | 5                                     |               | X  |          |    | 9293 8013 4630     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 X No \_\_\_\_\_

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

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

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X

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

If Criminal, photographs taken?

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

Containers intact? Yes X No \_\_\_\_\_

Caps on tight?

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

Sufficient Sample Volume:

Yes X 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: ABS /

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No \_\_\_\_\_ Init: ABS /

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 X No \_\_\_\_\_ NA \_\_\_\_\_ Init: ABS /

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: ABS /

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

Coolers Unpacked/Checked by: ABS /Date: 07-16-2021 Event contains NCRs (Y/N)? NEventID: Algal Bloom Response - CEROC  
-WQAP-2021-07-16-01 (BLOOM-RESP)

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                               |
|--------------------------|-------------------------------|
| Infrared Thermometer ID: | IRTG # 3 EXP:10/28/2021       |
| pH Test Strips 0 – 6     | Lot # 232518V EXP:NOV 30 2021 |
| pH Paper 0 – 3           | N/A                           |
| pH Paper 0 – 13          | Lot # 231019 EXP:NOV 1 2022   |
| Chlorine Test Strips     | 0261 2023 / 05                |

### ENCORE SAMPLES

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

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

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 - 2006-28-06 |            | Collected By:             | Victoria Schwartz |
| Customer:              | WQAP       | Field Report Prepared By: | Victoria Schwartz |
| Project ID:            | BLOOM-RESP | Sampling Agency:          | 21FLCEN - CEROC   |

**Field ID:** HABCE0043\_LakeOtis  
**Win ID:** HABCE0043  
**Lake Otis @ boat ramp**

**Comments:** - overall, water very clear  
- Periphyton on submersed plants along shore/ramp  
- suspended algae in water column visible (slight bloom)

**Coordinates:** 28.0097657, -81.7105412

**Collection Equip:** pole, container, syringe

**WIN ID:** HABCE0043

**High Tide Time:** — **Low Tide Time:** —

**Matrix:** Fresh

**Grab**

**Tide:** ☐ Rising ☐ Falling ☐ Slack ☒ 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>(PPTH) |
|---------|---------------------------------------------------------------------------------|-------------|----------------|--------------|------------|------------------------|-----------------------|-----------------------|------------------------|--------------------|
| 7/15/21 | 13:58                                                                           | 93.3        | 6.91           | 31.2         | 6.95       | 0.3                    | 2.3                   | 1.0                   | 188.1                  | 0.09               |

## Bloom Observations

**Algal Bloom Observed?** ☒ Yes ☐ No (slight)

**Water Surface** ☒ Clear ☐ Scum ☐ Globs ☐ Slick

**Water Clarity** ☒ Clear ☐ Slightly Turbid ☐ Turbid ☐ Opaque

**Bloom Color** ☒ Green ☐ Red ☒ Brown ☐ Other: ☐ N/A

**Algae Distribution** ☒ Suspended in water column ☐ On surface ☐ Other: ☐ N/A

**Water Odors** ☒ Normal ☐ Sewage ☐ Petroleum ☐ 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 checked="" type="checkbox"/> Ice                                           |                             | 1                    | A            |
| Chlorophyll (BP-1L)              | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                | <input checked="" type="checkbox"/> Ice                                           |                             | 1                    | B            |
| Toxins (BG-WD250)                | <input checked="" type="checkbox"/> W-MCYST-AA                                                                                                | <input checked="" type="checkbox"/> Ice                                           |                             | 1                    | B            |
| Preserved Nutrients (500mL HDPE) | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP                                                                       | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <input 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 # 9149785 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:                 | Date/Time                                                                                                                                     | Number of Coolers Shipped                                                         | Received By:                | Date/Time            |              |
| V. Schwartz                      | 7/15/21 16:00                                                                                                                                 | 1                                                                                 | ASJ                         | 7-16-21 19:15        |              |

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: 23-APR-2021  
 Created By: BOMAN\_L On: 23-APR-2021  
 Modified By: JASROTIA\_P On: 21-MAY-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: 407-897-4178  
 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: 21-MAY-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 21-MAY-2021  
 Sampling Kit Required: YES Ship on: 18-JUN-2021  
 Sampling Kit Shipped: YES On: 14-JUN-2021  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 28-JUN-2021  
 Logged In By: SHAIK\_A On: 16-JUL-2021

**Send Final Report To:**

3319 Maguire Blvd Ste 232  
  
 Orlando, FL 32803  
 Attn: Leif Boman  
 Report Notification EMail: Leif.Boman@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, 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 8 Samples:**

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: PT-50ML | Number of Bottles: 8 | Preserved With: ICE                                                 |
| BLOOM-ID             | Template: DEFAULT    | (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample |

**Bottle Group B (Water) With 8 Samples:**

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L          | Number of Bottles: 8 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: BP-1L          | Number of Bottles: 8 | Preserved With: Lugols                                                                                       |
| DTY-QN-C                    | Template: DEFAULT    | (SOP-AB05_1) No. of diatom taxa of quantitative phytoplankton sample.                                        |
| PKD-QN-C                    | Template: DEFAULT    | (SOP-AB05) No. of wet taxa of quantitative phytoplankton sample.                                             |
| Bottle Type: BG-250ML-WDMTH | Number of Bottles: 8 | 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: 8 | 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: 8 | 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.