

# Log-in Checklist

RQ- 2019-01-07-19

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 04/09/19 @ 9:25

| Cooler Temperature* | Samples Frozen | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking #<br>Damaged waybills only |
|---------------------|----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|-------------------------------------|
|                     |                |                                        |          |                                       | Present?      |    | *Intact? |    |                                     |
|                     | YES            | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                                     |
| 2.2°C               |                |                                        |          | 6 (5)                                 |               | X  |          |    | 4751 8775 1585                      |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |

\* HNO<sub>3</sub> and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above standard temperature without customer notification/confirmation.**

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

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

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

## CONTAINER CHECK

\*\*Evidence Tape on Bottles? Yes        No X 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 X Init: Tyler R.

| Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required. |     |    |            |     |    |
|------------------------------------------------------------------------------------------------------|-----|----|------------|-----|----|
| Analysis                                                                                             | Yes | No | Analysis   | Yes | No |
| W-1,4 DIOX                                                                                           |     |    | W-PC-AA-SF |     |    |
| W-E8321-DI, -MS, -21                                                                                 |     |    | W-NP-AA-SF |     |    |
| W-BNA (-625, -R)                                                                                     |     |    | W-PDQUAT   |     |    |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |    | W-PCL-SQ-R |     |    |
| W-U2060-MS                                                                                           |     |    | W-TR-TQ    |     |    |
| W-PCB-R                                                                                              |     |    | W-CT-CI-R  |     |    |
| W-PAH (-R)                                                                                           |     |    | W-PSNP-TQ  |     |    |
| W-PFAS-MS                                                                                            |     |    |            |     |    |

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No        NA        Init: Tyler R.

\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes        No        NA X Init: Tyler R.

Coolers Unpacked/Checked by: Tyler Reynolds Date: 04/09/19 NCRs (Y/N)? N

Event ID: Algal Bloom Response - As needed  
WQAP-2019-04-09-01 (BLOOM-RESP)  
 Page 1 of 2, Date Received: 09-APR-2019 09:25  
Federal Express BIOLOGY

NCR #

# Log-in Checklist

## Samples with Incorrect pH Preservation or presence of Chlorine

| Field ID | Bottle Test ID(s) | pH / Cl | 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:   |  |
| pH Paper 0.0 – 3.0 Lot #   |  |
| pH Paper 0 – 13 Lot #      |  |
| Chlorine Test Strips Lot # |  |

## 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: \_\_\_\_\_

Algal Bloom Response - As needed

last revised Jan 25, 2018

Customer: WQAP

Requester: Michael Linger

Field Report Prepared By: Kate March

Project ID: BLOOM-RESP

Collected By: Leif Boman

Sampling Agency: 21 FREN

|              |                          |  |                                       |  |                                 |  |                 |
|--------------|--------------------------|--|---------------------------------------|--|---------------------------------|--|-----------------|
| Location     | Algae Bloom Sampling Kit |  | Collection (comp begin or grab)       |  | Composite end                   |  | Bottle Group(s) |
| Field ID     | RQ-2019-01-07-19         |  | Date 4/8/19 Time 1215                 |  | Date                            |  | (See pg 2)      |
| WIN/STOF     | Location: Lake Pot       |  | Matrix (type, e.g., Salt, Fresh, etc) |  | mg/L Total Res. Chlorine        |  | A, B,           |
|              | 04/08/2019               |  | Temp (C) 25.8                         |  | pH 9.70                         |  | C, D            |
| Latitude     | dd dms Longitude         |  | Salinity (ppt)                        |  | Sample Depth 0.3 m              |  |                 |
|              | dd dms                   |  | dd dms                                |  | Sp. Conductance (umho/cm) 175.3 |  |                 |
| Location     |                          |  | Collection (comp begin or grab)       |  | Composite end                   |  | Bottle Group(s) |
| Field ID     |                          |  | Date                                  |  | Date                            |  |                 |
| WIN/STORET # |                          |  | Matrix (type, e.g., Salt, Fresh, etc) |  | mg/L Total Res. Chlorine        |  |                 |
| Latitude     | dd dms Longitude         |  | Temp (C)                              |  | pH                              |  |                 |
|              | dd dms                   |  | dd dms                                |  | Sp. Conductance (umho/cm)       |  |                 |
| Location     |                          |  | Collection (comp begin or grab)       |  | Composite end                   |  | Bottle Group(s) |
| Field ID     |                          |  | Date                                  |  | Date                            |  |                 |
| WIN/STORET # |                          |  | Matrix (type, e.g., Salt, Fresh, etc) |  | mg/L Total Res. Chlorine        |  |                 |
| Latitude     | dd dms Longitude         |  | Temp (C)                              |  | pH                              |  |                 |
|              | dd dms                   |  | dd dms                                |  | Sp. Conductance (umho/cm)       |  |                 |
| Location     |                          |  | Collection (comp begin or grab)       |  | Composite end                   |  | Bottle Group(s) |
| Field ID     |                          |  | Date                                  |  | Date                            |  |                 |
| WIN/STORET # |                          |  | Matrix (type, e.g., Salt, Fresh, etc) |  | mg/L Total Res. Chlorine        |  |                 |
| Latitude     | dd dms Longitude         |  | Temp (C)                              |  | pH                              |  |                 |
|              | dd dms                   |  | dd dms                                |  | Sp. Conductance (umho/cm)       |  |                 |
| Location     |                          |  | Collection (comp begin or grab)       |  | Composite end                   |  | Bottle Group(s) |
| Field ID     |                          |  | Date                                  |  | Date                            |  |                 |
| WIN/STORET # |                          |  | Matrix (type, e.g., Salt, Fresh, etc) |  | mg/L Total Res. Chlorine        |  |                 |
| Latitude     | dd dms Longitude         |  | Temp (C)                              |  | pH                              |  |                 |
|              | dd dms                   |  | dd dms                                |  | Sp. Conductance (umho/cm)       |  |                 |

|                             |                        |                        |                              |                             |                              |
|-----------------------------|------------------------|------------------------|------------------------------|-----------------------------|------------------------------|
| Relinquished By: Kate March | Date/Time: 4/8/19 1600 | Shipping Method: FedEx | Number of Coolers Shipped: 1 | Received By: Tyler Reynolds | Date/Time: 04/09/19 @ 9:25am |
|-----------------------------|------------------------|------------------------|------------------------------|-----------------------------|------------------------------|

|          |                                                        |          |                 |               |               |                                     |   |
|----------|--------------------------------------------------------|----------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type:<br>BLOOM-ID                               | PT-50ML  | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | ( |
| Group: B | Bottle Type:<br>W-MCYST-AA                             | BG-WD250 | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | ( |
| Group: C | Bottle Type:<br>CHLSUITE-W                             | BP-1L    | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | ( |
| Group: C | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN | P-500ML  | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | ( |
| Group: C | Bottle Type:<br>W-PO4-F                                | P-125ML  | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | ( |
| Group: D | Bottle Type:<br>DTY-QN-C<br>PKD-QN-C                   | BP-1L    | # of Bottles: 1 | Preservative: | Lugols        | Enter Number of Bottles Sent to Lab | ( |

Date of Request: 17-DEC-2018  
 Created By: LINGER\_M On: 17-DEC-2018  
 Modified By: WATTS\_J On: 13-FEB-2019  
 Customer: WQAP  
 Project: BLOOM-RESP  
 Division: Division of Environmental Assessment and Restoration  
 District: CEROC  
 Sampling Event: Algal Bloom Response - As needed

**Send Coolers To:**

Phone: 407-897-4180  
 3319 Maguire Blvd  
 Suite 232  
 Orlando, FL 32803  
 Attn: Mike Linger

**Send Final Report To:**

3319 Maguire Blvd  
 Suite 232  
 Orlando, FL 32806  
 Attn: Mike Linger

Program Module Number:  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 21-DEC-2018  
 Biology Request Reviewed By: SWANSON\_C On: 21-DEC-2018  
 Sampling Kit Required: YES Ship on: 28-DEC-2018  
 Sampling Kit Shipped: YES On: 26-DEC-2018  
 Sampling Kit Packed By: RODRIGUE\_G  
 Preservatives Needed: NO  
 Date to Receive Samples: 07-JAN-2019  
 Received By:

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/C - separate event, priority 1  
 Bottle Group D- separate event, priority 12

Bottle Group A - Priority 1  
 For algal dominant taxon.

Bottle Group B - Priority 1  
 For toxin testing.

Bottle Group C - Priority 1  
 Water quality testing - nutrients and chlorophyll

Bottle Group D - 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.

**Bottle Group A (Biological) With 1 Samples:**

Bottle Type: PT-50ML      Number of Bottles: 1      Preserved With: ICE  
 BLOOM-ID      Template: DEFAULT      (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

**Bottle Group B (Water) With 1 Samples:**

Bottle Type: BG-WD250      Number of Bottles: 1      Preserved With: ICE  
 W-MCYST-AA      Template: DEFAULT      (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

**Bottle Group C (Water) With 1 Samples:**

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

Bottle Type: P-500ML      Number of Bottles: 1      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

**Bottle Group C (Water) With 1 Samples:**

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                            |
| 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: 1 | 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 D (Water) With 1 Samples:**

|                    |                      |                                                                       |
|--------------------|----------------------|-----------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 1 | 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.