

# Log-in Checklist

RQ-2019-05-13-65

Login Station ID: #1

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 5/31/19 0919

| 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 |                                     |
| 3.4                 |                |                                        |          | 8                                     |               | ✓  |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |

\* 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 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:       

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:       

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

Coolers Unpacked/Checked by:        Date: 5/31/19 NCRs (Y/N)? N

Event ID: Run 6 TLH-ROC-2019-05-31-01 (SMP) NCR #       

Date Received: 31-MAY-2019 09:19

## Log-in Checklist

### 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:

|                                   |                              |
|-----------------------------------|------------------------------|
| <b>Infrared Thermometer ID:</b>   | REC_01_2018   EXP:04/29/2020 |
| <b>pH Test Strips 0 – 6 Lot #</b> | 213316AV   EXP:05/15/2020    |
| <b>pH Paper 0 – 3 Lot #</b>       |                              |
| <b>pH Paper 0 – 13 Lot #</b>      | 215517   EXP: 06/01/2020     |
| <b>Chlorine Test Strips Lot #</b> | 8261   EXP: 07/30/2021       |

### ENCORE SAMPLES

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

Were Encore samples received? Yes \_\_\_\_\_ No ☒ \_\_\_\_\_

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: \_\_\_\_\_

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By:

J. Butcher

Project ID: SMP

Collected By:

J. Butcher, J. Woods

Sampling Agency:

8234

|              |  |                                                                           |  |                                                           |  |                                                                                 |  |                                                                            |  |                                                                      |  |
|--------------|--|---------------------------------------------------------------------------|--|-----------------------------------------------------------|--|---------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|
| Location     |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 5/30/19 Time 1035 |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date — Time —                                             |  | Bottle Group(s)<br>(See pg 2)                                        |  |
| Field ID     |  | Field/WIN ID →                                                            |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh            |  | Diss. Oxygen<br>6.38                                                            |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L) —                                      |  |
| WIN/ST       |  | Location ↓                                                                |  | Temp (C) 30.4                                             |  | pH 5.68                                                                         |  | Sample Depth 0.3                                                           |  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |  |
| Latitude     |  | DUNFORD LAKE<br><input type="checkbox"/> dms                              |  | Salinity (ppt) 0.01                                       |  | Comments                                                                        |  | Sp. Conductance (umho/cm) 14.9                                             |  | A                                                                    |  |
| Location     |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 5/30/19 Time 1215 |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date — Time —                                             |  | Bottle Group(s)                                                      |  |
| Field ID     |  | Field/WIN ID →                                                            |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh            |  | Diss. Oxygen<br>7.25                                                            |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L) —                                      |  |
| WIN/ST       |  | Location ↓                                                                |  | Temp (C) 31.1                                             |  | pH 5.60                                                                         |  | Sample Depth 0.3                                                           |  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |  |
| Latitude     |  | MAJOR LAKE CENTER<br><input type="checkbox"/> dms                         |  | Salinity (ppt) 0.01                                       |  | Comments                                                                        |  | Sp. Conductance (umho/cm) 15.7                                             |  | A                                                                    |  |
| Location     |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date — Time —          |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date — Time —                                             |  | Bottle Group(s)                                                      |  |
| Field ID     |  |                                                                           |  | Matrix (type, e.g., Salt, Fresh, etc)                     |  | Diss. Oxygen                                                                    |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            |  | Total Res. Chlorine<br>(mg/L)                                        |  |
| WIN/STORET # |  |                                                                           |  | Temp (C)                                                  |  | pH                                                                              |  | Sample Depth                                                               |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  |
| Latitude     |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               |  | Longitude                                                 |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                     |  | Salinity (ppt)                                                             |  | Comments                                                             |  |
| Location     |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date — Time —          |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date — Time —                                             |  | Bottle Group(s)                                                      |  |
| Field ID     |  |                                                                           |  | Matrix (type, e.g., Salt, Fresh, etc)                     |  | Diss. Oxygen                                                                    |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            |  | Total Res. Chlorine<br>(mg/L)                                        |  |
| WIN/STORET # |  |                                                                           |  | Temp (C)                                                  |  | pH                                                                              |  | Sample Depth                                                               |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  |
| Latitude     |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               |  | Longitude                                                 |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                     |  | Salinity (ppt)                                                             |  | Comments                                                             |  |

|                  |              |                 |                            |              |              |
|------------------|--------------|-----------------|----------------------------|--------------|--------------|
| Relinquished By: | Date/Time    | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time    |
| JB               | 5/31/19 0919 | HD              | 1                          | [Signature]  | 5/31/19 0919 |

|          |              |                |                 |               |               |                                     |   |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 5 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | ALKALINITY   |                |                 |               |               |                                     |   |
|          | TURBIDITY    |                |                 |               |               |                                     |   |
|          | W-CL-IC      |                |                 |               |               |                                     |   |
|          | W-COLOR      |                |                 |               |               |                                     |   |
|          | W-F          |                |                 |               |               |                                     |   |
|          | W-SO4-IC     |                |                 |               |               |                                     |   |
|          | W-TDS        |                |                 |               |               |                                     |   |
|          | W-TSS        |                |                 |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 5 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | CHLSUITE-W   |                |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 5 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 2 |
|          | W-NH3        |                |                 |               | 9010030       |                                     |   |
|          | W-NO2NO3     |                |                 |               |               |                                     |   |
|          | W-S-A-TP     |                |                 |               |               |                                     |   |
|          | W-TKN        |                |                 |               |               |                                     |   |
|          | W-TOC        |                |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 5 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 2 |
|          | W-PO4-F      |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-1L           | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |   |
|          | ALKALINITY   |                |                 |               |               |                                     |   |
|          | TURBIDITY    |                |                 |               |               |                                     |   |
|          | W-CL-IC      |                |                 |               |               |                                     |   |
|          | W-COLOR      |                |                 |               |               |                                     |   |
|          | W-F          |                |                 |               |               |                                     |   |
|          | W-SO4-IC     |                |                 |               |               |                                     |   |
|          | W-TDS        |                |                 |               |               |                                     |   |
|          | W-TSS        |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | BP-1L          | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |   |
|          | CHLSUITE-W   |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-250ML-WO-THI | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |   |
|          | ECOLI-18QT   |                |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab |   |

Date of Request: 07-MAY-2019  
 Created By: ECKLES\_M On: 07-MAY-2019  
 Modified By: JASROTIA\_P On: 07-MAY-2019  
 Customer: TLH-ROC  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Not Applicable  
 Sampling Event: Run 6

**Send Coolers To:**

Phone: 850-245-7586

2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Michael Eckles

**Send Final Report To:**

2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Michael Eckles

Program Module Number: 0100  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 07-MAY-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 07-MAY-2019  
 Sampling Kit Required: YES Ship on: 09-MAY-2019  
 Sampling Kit Shipped: YES On: 09-MAY-2019  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 13-MAY-2019  
 Received By:

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: WBIDs 526A, 526B, 780A, 795A, &amp; 966

WBID 686 w/Dup

No fedex labels

**Bottle Group A (Water) With 5 Samples:**

|                   |                      |                                                                                                      |
|-------------------|----------------------|------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 5 | Preserved With: ICE                                                                                  |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                          |
| TURBIDITY         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                   |
| W-CL-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                    |
| W-COLOR           | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                            |
| Color (true)      |                      |                                                                                                      |
| W-F               | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC          | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                     |
| W-TDS             | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                            |
| W-TSS             | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample        |

|                    |                      |                                                                                                              |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 5 | 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: 5 | 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    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices      |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 5 | 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 B (Water) With 2 Samples:**

|                   |                      |                     |
|-------------------|----------------------|---------------------|
| Bottle Type: P-1L | Number of Bottles: 2 | Preserved With: ICE |
|-------------------|----------------------|---------------------|

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

|                                   |                   |                                                                                                              |                                                        |
|-----------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Bottle Type: P-1L                 |                   | Number of Bottles: 2                                                                                         | Preserved With: ICE                                    |
| ALKALINITY                        | Template: DEFAULT | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                     |                                                        |
| TURBIDITY                         | Template: DEFAULT | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |                                                        |
| W-CL-IC                           | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |                                                        |
| W-COLOR                           | Template: DEFAULT | (SM 2120 B) True Color measured at 450 nm                                                                    |                                                        |
| Color (true)                      |                   |                                                                                                              |                                                        |
| W-F                               | Template: DEFAULT | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)         |                                                        |
| W-SO <sub>4</sub> -IC             | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |                                                        |
| W-TDS                             | Template: DEFAULT | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                    |                                                        |
| W-TSS                             | Template: DEFAULT | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                |                                                        |
| 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: P-250ML-WO-THI       |                   | Number of Bottles: 2                                                                                         | Preserved With: ICE                                    |
| ECOLI-18QT                        | Template: DEFAULT | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems     |                                                        |
| Bottle Type: P-500ML              |                   | Number of Bottles: 2                                                                                         | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub> |
| W-NH <sub>3</sub>                 | Template: DEFAULT | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |                                                        |
| W-NO <sub>2</sub> NO <sub>3</sub> | 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                                             |                                                        |
| W-TOC                             | Template: DEFAULT | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                               |                                                        |
| Bottle Type: P-125ML              |                   | Number of Bottles: 2                                                                                         | Preserved With: FILTER-ICE                             |
| W-PO <sub>4</sub> -F              | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |                                                        |