

# Log-in Checklist

RQ- 2018-03-12-46

Shipping Method: FedEx | UPS (HD) | Greyhound | \_\_\_\_\_

Date/Time of Receipt: 3/27/18 16:20

| Cooler ID | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |     |          |  | Tracking # (fill out only if waybill copy is damaged) |
|-----------|---------------------|---------------------------------|---------------|-----|----------|--|-------------------------------------------------------|
|           |                     |                                 | Present?      |     | *Intact? |  |                                                       |
| Yes       | No                  | Yes                             | No            | Yes | No       |  |                                                       |
| 1450      | 3.9°C               | 5                               |               | ✓   |          |  |                                                       |
|           |                     |                                 |               |     |          |  |                                                       |
|           |                     |                                 |               |     |          |  |                                                       |
|           |                     |                                 |               |     |          |  |                                                       |
|           |                     |                                 |               |     |          |  |                                                       |
|           |                     |                                 |               |     |          |  |                                                       |

\*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

**\*\*Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (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 ☒

## 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 (Blue dot on container)

| 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  |     |    |

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No \_\_\_\_\_ NA \_\_\_\_\_ Init: 9.2

\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: 9.07

Coolers Unpacked/Checked by: 9.2 Date: 3/27/18 NCRs (Y/N)? \_\_\_\_\_

Event ID: TLH-RQC-2018-03-27-05 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 |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |
|          |                   |              |

## 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 ☐ No ☐

If 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: \_\_\_\_\_

**Additional Comments:**

## Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: J. Woods

Project ID: SMP

Collected By: Jon Woods Jessie Tolbert

Sampling Agency: 6034

|             |                                                                                                                |           |                                                                                                 |                      |                                                                           |                                                           |                    |                                                                      |                                    |  |
|-------------|----------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|--------------------|----------------------------------------------------------------------|------------------------------------|--|
| Location    | Field/WIN ID →<br>Location ↓                                                                                   |           | <br>G1TLHR0042 |                      | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 3/27/18 Time 1425 | Eastern<br>Central | Composite end<br>Date Time                                           | Bottle Group(s)<br>(See pg 2)      |  |
| 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/STORE   | <br>FENHOLLOWAY RIVER @ MOUTH |           |                                                                                                 |                      | Temp (C) 19.7                                                             | pH 7.91                                                   | Sample Depth 0.3   | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance<br>(umho/cm) 27652 |  |
| Latitude    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                    | Longitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                                     | Salinity (ppt) 17.05 | Comments                                                                  |                                                           |                    |                                                                      |                                    |  |
| Location    |                                                                                                                |           |                                                                                                 |                      | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date Time              | Eastern<br>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/STORE # |                                                                                                                |           |                                                                                                 |                      | Temp (C)                                                                  | pH                                                        | Sample Depth       | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance<br>(umho/cm)       |  |
| 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              | Eastern<br>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/STORE # |                                                                                                                |           |                                                                                                 |                      | Temp (C)                                                                  | pH                                                        | Sample Depth       | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance<br>(umho/cm)       |  |
| 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              | Eastern<br>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/STORE # |                                                                                                                |           |                                                                                                 |                      | Temp (C)                                                                  | pH                                                        | Sample Depth       | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance<br>(umho/cm)       |  |
| 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: J. Woods | Date/Time: 3/27/18 1429 | Shipping Method: <del>18</del> HD | Number of Coolers Shipped: 1 | Received By:  | Date/Time: 3/27/18 1620 |
|---------------------------|-------------------------|-----------------------------------|------------------------------|----------------------------------------------------------------------------------------------------|-------------------------|

|          |                                                 |                |                 |               |               |                                     |   |
|----------|-------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type:                                    | P-1L           | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | ALKALINITY<br>TURBIDITY<br>W-F<br>W-TSS         |                |                 |               |               |                                     |   |
| Group: A | Bottle Type:                                    | BP-1L          | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | CHLSUITE-W                                      |                |                 |               |               |                                     |   |
| Group: A | Bottle Type:                                    | P-250ML-WO-THI | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | ECOLI-18QT                                      |                |                 |               |               |                                     |   |
| Group: A | Bottle Type:                                    | P-500ML        | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1 |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC |                |                 |               |               |                                     |   |
| Group: A | Bottle Type:                                    | P-125ML        | # of Bottles: 3 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1 |
|          | W-PO4-F                                         |                |                 |               |               |                                     |   |
| Group: B | Bottle Type:                                    | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |   |
|          | ALKALINITY<br>TURBIDITY<br>W-F<br>W-TSS         |                |                 |               |               |                                     |   |
| Group: B | Bottle Type:                                    | P-250ML-WO-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |   |
|          | ECOLI-18QT                                      |                |                 |               |               |                                     |   |
| Group: B | Bottle Type:                                    | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab |   |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC |                |                 |               |               |                                     |   |
| Group: B | Bottle Type:                                    | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab |   |
|          | W-PO4-F                                         |                |                 |               |               |                                     |   |

Date of Request: 16-FEB-2018  
 Created By: GREEN\_C On: 16-FEB-2018  
 Modified By: SWANSON\_C On: 20-FEB-2018  
 Customer: TLH-ROC  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Not Applicable  
 Sampling Event: kit B-b (WBIDs 8029, 3473A1, 3402A)

**Send Coolers To:**

Phone: 850-245-8413  
 2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Chris Green

**Send Final Report To:**

2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Michael Eckles

Program Module Number:  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 20-FEB-2018  
 Biology Request Reviewed By: SWANSON\_C On: 20-FEB-2018  
 Sampling Kit Required: YES Ship on: 08-MAR-2018  
 Sampling Kit Shipped: YES On: 05-MAR-2018  
 Sampling Kit Packed By: REAVES\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 12-MAR-2018  
 Received By:

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

Comments: no FedEx bills or zip ties

**Bottle Group A (Water) With 3 Samples:**

|                      |                      |                                                                                                              |
|----------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L    | Number of Bottles: 3 | 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-F                  | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)         |
| W-TSS                | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                    |
| Bottle Type: BP-1L   | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| CHLSUITE-W           | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type:         | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| ECOLI-18QT           | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Collert 18 Quanti-Tray method - non-chlorinated water systems      |
| Bottle Type: P-500ML | Number of Bottles: 3 | 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: 3 | 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 1 Samples:**

|                   |                      |                                                                                                      |
|-------------------|----------------------|------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 1 | 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-F               | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-TSS             | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                            |
| Bottle Type:      | Number of Bottles: 1 | Preserved With: ICE                                                                                  |

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

|                      |                      |                                                                                                          |
|----------------------|----------------------|----------------------------------------------------------------------------------------------------------|
| Bottle Type:         | Number of Bottles: 1 | 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: 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                                       |
| 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: 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                 |