

# Log-in Checklist

RQ-201802-12-48

Shipping Method: HE

Date/Time of Receipt: 02/13/18 @ 3:55p

| 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       |  |                                                       |
| Re 1      | 2.6                 | 10                              |               | ✓   |          |  |                                                       |
|           |                     |                                 |               |     |          |  |                                                       |
|           |                     |                                 |               |     |          |  |                                                       |
|           |                     |                                 |               |     |          |  |                                                       |
|           |                     |                                 |               |     |          |  |                                                       |

\*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 ☐

## 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-AHERB-AA (-AHB-AA-R)                                                                               |     |    | W-PCL-SQ (-R) |     |    |
| W-BNA (-625, -R)                                                                                     |     |    | W-PDQUAT      |     |    |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |    | W-PESTNP-R    |     |    |
| W-ENDO-AA                                                                                            |     |    | W-PSCL-TQ     |     |    |
| W-GLYPH                                                                                              |     |    | W-PSNP-TQ     |     |    |
| W-NP-AA-SF                                                                                           |     |    | W-PST-CL-R    |     |    |
| W-PAH (-R)                                                                                           |     |    | W-TR-TQ       |     |    |
| W-PCB-R                                                                                              |     |    | W-CT-CI-R     |     |    |

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: AN

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

Coolers Unpacked/Checked by: Tyler N Date: 02/13/18 NCRs (Y/N)? N

kit C (WBID 3402) Econfina River  
Event ID TLH-ROC-2018-02-13-05 (SMP) NCR #                     

Date Received: 13-FEB-2018 15:55

## 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 X

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:**

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: TLH-ROC

Requester: Chris Green

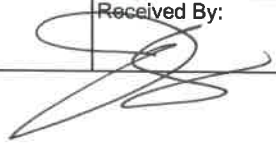
Field Report Prepared By: C. Green

Project ID: SMP

Collected By: Chris Green / Mike Eckles

Sampling Agency: 21FLTLHR/8034

|                                                                                                                                                  |                                                                          |                                                                           |                                                                          |                                                                            |                                                                      |                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------|
| Location<br><i>Econfina River @ Cabbage Grove Salt</i>                                                                                           |                                                                          | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <i>2-13-18</i> Time <i>12:20</i> | Eastern<br>Central                                                         | Composite end<br>Date _____ Time _____                               | Bottle<br>Group(s)<br>(See pg 2)<br><br><i>A</i> |
| Field ID                                                                                                                                         |                                                                          | Matrix (type, e.g., Salt, Fresh, etc)<br><i>Fresh</i>                     | Diss. Oxygen<br><i>6.44</i>                                              | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) _____                                  |                                                  |
| WIN/STORET #<br><i>G1TLHR0092</i>                                                                                                                |                                                                          | Temp<br>(C) <i>18.24</i>                                                  | pH<br><i>7.13</i>                                                        | Sample<br>Depth <i>0.3</i>                                                 | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance<br>(umho/cm) <i>277</i>          |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                                          | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt) <i>0.13</i>                                             | Comments                                                                 |                                                                            |                                                                      |                                                  |
| Location<br>Field/WIN ID  Location <i>G1TLHR0090</i>            |                                                                          | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <i>2-13-18</i> Time <i>13:20</i> | Eastern<br>Central                                                         | Composite end<br>Date _____ Time _____                               | Bottle<br>Group(s)<br><br><i>A</i>               |
| Field ID<br>Location  Location <i>ECONFINARIVER@POWERLINERD</i> |                                                                          | Matrix (type, e.g., Salt, Fresh, etc)<br><i>Fresh</i>                     | Diss. Oxygen<br><i>7.07</i>                                              | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) _____                                  |                                                  |
| WIN/STORET #                                                                                                                                     |                                                                          | Temp<br>(C) <i>18.60</i>                                                  | pH<br><i>7.26</i>                                                        | Sample<br>Depth <i>0.15</i>                                                | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance<br>(umho/cm)                     |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                                          | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt) <i>0.15</i>                                             | 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<br>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<br>(C)                                                               | pH                                                                       | Sample<br>Depth                                                            | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance<br>(umho/cm)                     |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                                          | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(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<br>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<br>(C)                                                               | pH                                                                       | Sample<br>Depth                                                            | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance<br>(umho/cm)                     |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                                          | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt)                                                         | Comments                                                                 |                                                                            |                                                                      |                                                  |

|                                     |                             |                                |                            |                                                                                                       |                                  |
|-------------------------------------|-----------------------------|--------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------|
| Relinquished By:<br><i>C. Green</i> | Date/Time<br><i>2-13-18</i> | Shipping Method<br><i>Hand</i> | Number of Coolers Shipped: | Received By:<br> | Date/Time<br><i>2/13/18 1555</i> |
|-------------------------------------|-----------------------------|--------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------|

|          |              |         |                 |               |               |                                           |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------------|
| Group: A | 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: A | Bottle Type: | BP-1L   | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | CHLSUITE-W   |         |                 |               |               |                                           |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab _____ |
|          | W-ICP        |         |                 |               |               |                                           |
|          | W-ICPMS      |         |                 |               |               |                                           |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
|          | W-NH3        |         |                 |               |               |                                           |
|          | W-NO2NO3     |         |                 |               |               |                                           |
|          | W-S-A-TP     |         |                 |               |               |                                           |
|          | W-TKN        |         |                 |               |               |                                           |
|          | W-TOC        |         |                 |               |               |                                           |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 2 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab _____ |
|          | W-PO4-F      |         |                 |               |               |                                           |

Date of Request: 24-JAN-2018  
 Created By: GREEN\_C On: 24-JAN-2018  
 Modified By: SWANSON\_C On: 25-JAN-2018  
 Customer: TLH-ROC  
 Project: SMP  
 Division:  
 District: Not Applicable  
 Sampling Event: kit C (WBID 3402) Econfin River

**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: 24-JAN-2018

Biology Request Reviewed By: SWANSON\_C On: 25-JAN-2018

Sampling Kit Required: YES Ship on: 09-FEB-2018

Sampling Kit Shipped: YES On: 05-FEB-2018

Sampling Kit Packed By: GREENWOO\_J

Preservatives Needed: NO

Date to Receive Samples: 12-FEB-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 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                                                                                      |
| 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-500ML  | Number of Bottles: 2 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-ICP                 | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Chromium              |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Zinc                  |                      |                                                                                                                                                |
| W-ICPMS               | Template: PRTY       | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Arsenic               |                      |                                                                                                                                                |
| Cadmium               |                      |                                                                                                                                                |
| Copper                |                      |                                                                                                                                                |
| Lead                  |                      |                                                                                                                                                |
| Nickel                |                      |                                                                                                                                                |
| Silver                |                      |                                                                                                                                                |
| 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                                                                                     |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                                            |
| 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: 2 | 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 |