

RQ- 2018-04-09-52

## Log-in Checklist

Login Station ID: #4Shipping Method: FedEx | UPS (HD) | Greyhound | \_\_\_\_\_ Date/Time of Receipt: 4/30/18 3:12

| 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 |                                                       |
| 150       | 4.1°C               | 15                              |               | ✓  |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*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 ☒ Date

## 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: JS

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

Coolers Unpacked/Checked by: JS Date: 4/30/18 NCRs (Y/N)?

Event ID: TLH-RQC-2018-04-30-01 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:   | REC_04_2018           |
| pH Paper 0.0 – 3.0 Lot #   | 230515 EXP:10/30/2018 |
| pH Paper 0 – 13 Lot #      | 222516 EXP:08/15/2019 |
| Chlorine Test Strips Lot # | 091417V EXP:09/2021   |

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

kit A w/ bacteria

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: J. Woods

Project ID: SMP

Collected By: J. Burchett, J. Woods

Sampling Agency: SCB4

|          |                                                 |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                        |                                                                                                                                            |                                    |
|----------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Location | Field/WIN ID<br>Location<br>WIN/STC<br>Latitude | <br>G2TLHR0004<br><br>NEW RIVER SOUTH OF SR65 | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab<br>Collection (comp begin or grab)<br>Date 4/30/18 Time 1110 Eastern Central<br>Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh<br>Diss. Oxygen<br>6.79<br>Temp (C) 17.45 pH 3.90<br>Sample Depth 0.25<br>Salinity (ppt) 0.02 | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat<br>Total Res. Chlorine (mg/L)<br>Sp. Conductance (umho/cm) 50.7            | Bottle Group(s)<br>(See pg 2)<br>A |
| Location | Field/WIN ID<br>Location<br>WIN/STC<br>Latitude | <br>G2TLHR0005<br>Unnamed Branch 500m North of FR13                                                                            | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab<br>Collection (comp begin or grab)<br>Date 4/30/18 Time 1155 Eastern Central<br>Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh<br>Diss. Oxygen<br>7.60<br>Temp (C) 19.19 pH 4.12<br>Sample Depth 0.1<br>Salinity (ppt) 0.02  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat<br>Total Res. Chlorine (mg/L)<br>Sp. Conductance (umho/cm) 40.3 | Bottle Group(s)<br>A               |
| Location | Field/WIN ID<br>Location<br>WIN/STC<br>Latitude | <br>G2TLHR0038<br>CROOKED RIVER @ POST 46                                                                                      | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab<br>Collection (comp begin or grab)<br>Date 4/30/18 Time 1330 Eastern Central<br>Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh<br>Diss. Oxygen<br>5.09<br>Temp (C) 24.91 pH 6.39<br>Sample Depth 0.3<br>Salinity (ppt) 0.09  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat<br>Total Res. Chlorine (mg/L)<br>Sp. Conductance (umho/cm) 193  | Bottle Group(s)<br>A               |
| Location | Field ID<br>WIN/STORET #<br>Latitude            |                                                                                                                                                                                                                 | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab<br>Collection (comp begin or grab)<br>Date<br>Time<br>Matrix (type, e.g., Salt, Fresh, etc)<br>Temp (C)<br>pH<br>Sample Depth<br>Salinity (ppt)                                                                                         | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat<br>Total Res. Chlorine (mg/L)<br>Sp. Conductance (umho/cm)                 | Bottle Group(s)                    |

|                     |                         |                     |                              |                       |                         |
|---------------------|-------------------------|---------------------|------------------------------|-----------------------|-------------------------|
| Relinquished By: SW | Date/Time: 4/30/18 1511 | Shipping Method: HD | Number of Coolers Shipped: 1 | Received By: J. Woods | Date/Time: 4/30/18 3:12 |
|---------------------|-------------------------|---------------------|------------------------------|-----------------------|-------------------------|

|          |              |                |                  |               |               |                                     |   |
|----------|--------------|----------------|------------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 25 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3 |
|          | ALKALINITY   |                |                  |               |               |                                     |   |
|          | TURBIDITY    |                |                  |               |               |                                     |   |
|          | W-CL-IC      |                |                  |               |               |                                     |   |
|          | W-COLOR      |                |                  |               |               |                                     |   |
|          | W-F          |                |                  |               |               |                                     |   |
|          | W-SO4-IC     |                |                  |               |               |                                     |   |
|          | W-TDS        |                |                  |               |               |                                     |   |
|          | W-TSS        |                |                  |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 25 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3 |
|          | CHLSUITE-W   |                |                  |               |               |                                     |   |
| Group: A | Bottle Type: | P-250ML-WO-THI | # of Bottles: 25 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3 |
|          | ECOLI-18QT   |                |                  |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 25 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 3 |
|          | W-NH3        |                |                  |               |               |                                     |   |
|          | W-NO2NO3     |                |                  |               |               |                                     |   |
|          | W-S-A-TP     |                |                  |               |               |                                     |   |
|          | W-TKN        |                |                  |               |               |                                     |   |
|          | W-TOC        |                |                  |               |               |                                     |   |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 25 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 3 |
|          | W-PO4-F      |                |                  |               |               |                                     |   |

Date of Request: 22-MAR-2018  
 Created By: GREEN\_C On: 22-MAR-2018  
 Modified By: SWANSON\_C On: 27-MAR-2018  
 Customer: TLH-ROC  
 Project: SMP  
 Division:  
 District: Not Applicable  
 Sampling Event: kit A w/ bacteria

**Send Coolers To:**

Phone: 850-245-8453  
 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: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 23-MAR-2018  
 Biology Request Reviewed By: SWANSON\_C On: 27-MAR-2018  
 Sampling Kit Required: YES Ship on: 05-APR-2018  
 Sampling Kit Shipped: YES On: 02-APR-2018  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: YES  
 Date to Receive Samples: 09-APR-2018  
 Received By: REAVES\_S On: 23-APR-2018

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

Comments: no FedEx bills  
 no zip ties  
 1 - case of sulfuric acid

**Bottle Group A (Water) With 25 Samples:**

|                                   |                       |                                                                                                              |
|-----------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 25 | 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: 25 | 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: 25 | 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: 25 | 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: 25 | 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                     |