

RQ-20 22-05-30-18

## Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/28/2022 14:25

| *Cooler Temperature | Samples Frozen?<br>YES | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |                                     |          |    | Waybill Tracking # |
|---------------------|------------------------|----------------------------------------|----------|---------------------------------------|---------------|-------------------------------------|----------|----|--------------------|
|                     |                        | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |                                     | *Intact? |    |                    |
|                     |                        |                                        |          |                                       | Yes           | No                                  | Yes      | No |                    |
| 3.0                 |                        |                                        |          | 9                                     |               | <input checked="" type="checkbox"/> |          |    |                    |
|                     |                        |                                        |          |                                       |               |                                     |          |    |                    |
|                     |                        |                                        |          |                                       |               |                                     |          |    |                    |
|                     |                        |                                        |          |                                       |               |                                     |          |    |                    |
|                     |                        |                                        |          |                                       |               |                                     |          |    |                    |
|                     |                        |                                        |          |                                       |               |                                     |          |    |                    |
|                     |                        |                                        |          |                                       |               |                                     |          |    |                    |
|                     |                        |                                        |          |                                       |               |                                     |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# \_\_\_\_\_
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# \_\_\_\_\_
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# \_\_\_\_\_
- If coolers or samples are received late; identify the affected samples in an NCR. 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 \_\_\_\_\_ NA ☒

Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_

Containers intact? Yes ☒ No \_\_\_\_\_

Caps on tight?

Yes ☒ No \_\_\_\_\_

Sufficient Sample Volume:

Yes ☒ No \_\_\_\_\_If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# \_\_\_\_\_

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☒ No \_\_\_\_\_ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No ☒ Init: IM

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

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

\*\*Acid Preserved Samples: pH &lt; 2.0?

Yes ☒ No \_\_\_\_\_ NA \_\_\_\_\_ Init: IM

\*\*W-1-4-DIOX (Green dot on container) preserved to pH &lt; 4.0?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: IM

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

Coolers Unpacked/Checked by: IM

Date: 6/28/2022

Event contains NCRs (Y/N)? ☒

Event ID: SCI Kits  
TLH-ROC-2022-06-28-01 (SMP)  
 Date Received: 28-JUN-2022 14:25

## Login Checklist

**Login Preservation Equipment**

**Lot # & Exp: Date**

**Additional Comments:**

|                                 |                             |
|---------------------------------|-----------------------------|
| <b>Infrared Thermometer ID:</b> | IR TEMP GUN #2 exp:10/19/22 |
| <b>pH Test Strips 0 – 6</b>     |                             |
| <b>pH Paper 0 – 3</b>           |                             |
| <b>pH Paper 0 – 13</b>          | 210620 exp: 4/15/23         |
| <b>Chlorine Test Strips</b>     | 0070 exp: 02/2023           |

### ENCORE SAMPLES

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

Were Encore samples received?      Yes \_\_\_\_\_      Init: \_\_\_\_\_

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 \_\_\_\_\_

**If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_**

**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

SCI Kits

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By:

Project ID: SMP

Collected By:

 Trey Fitzgerald, Paul Blair, John Lorenzen  
 Sampling Agency: ~~8034~~ 21FLTLHR

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                         |                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>WIN ID / Field ID</b> →<br>KIT: SCI no bugs RPS/LVS/HA/Phys-Chem<br>WBID: 3518<br><b>Location</b><br>SPRING CREEK @ PARK<br>Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms<br>Location<br>Field ID<br>WIN/STORET #<br>Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms<br>Location<br>Field ID<br>WIN/STORET #<br>Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms<br>Location<br>Field ID<br>WIN/STORET #<br>Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms<br>Location<br>Field ID<br>WIN/STORET #<br>Latitude <input type="checkbox"/> dd <input type="checkbox"/> dms Longitude <input type="checkbox"/> dd <input type="checkbox"/> dms | <b>G1TLHR0169</b><br> | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab<br>Collection (comp begin or grab)<br>Date 06-28-22 Time 9:35<br>Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh<br>Temp (C) 22.4 pH 7.20<br>Salinity (ppt) 0.15<br>Comments | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central<br>Composite end<br>Date<br>Time<br>Diss. Oxygen 6.06 mg/L<br>12.1 % sat<br>Total Res. Chlorine (mg/L)<br>Sample Depth 0.3 ft<br>0 m<br>Sp. Conductance (umho/cm) 325.6 | Bottle Group(s)<br>(See pg 2)<br>A/B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                         |                                      |

|                                  |                           |                               |                              |                          |                           |
|----------------------------------|---------------------------|-------------------------------|------------------------------|--------------------------|---------------------------|
| Relinquished By: Trey Fitzgerald | Date/Time: 06-28-22 14:25 | Shipping Method: Hand deliver | Number of Coolers Shipped: 1 | Received By: [Signature] | Date/Time: 06-28-22 14:25 |
|----------------------------------|---------------------------|-------------------------------|------------------------------|--------------------------|---------------------------|

Added to reflect  
 samples received  
 - JM  
 6/28/22

|          |              |                |                  |               |               |                                           |
|----------|--------------|----------------|------------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 6  | 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: 6  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | CHLSUITE-W   |                |                  |               |               |                                           |
| Group: A | Bottle Type: | P-250ML-WO-THI | # of Bottles: 6  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ECOLI-18QT   |                |                  |               |               |                                           |
| Group: A | Bottle Type: | BG-500ML       | # of Bottles: 6  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | W-E8321-DI   |                |                  |               |               |                                           |
|          | W-E8321-MS   |                |                  |               |               |                                           |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 6  | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab _____ |
|          | W-HARD       |                |                  |               |               |                                           |
|          | W-ICP        |                |                  |               |               |                                           |
|          | W-ICPMS      |                |                  |               |               |                                           |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 6  | 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: 6  | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab _____ |
|          | W-PO4-F      |                |                  |               |               |                                           |
| Group: A | Bottle Type: | BG-1L          | # of Bottles: 14 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | W-PSNP-TQ    |                |                  |               |               |                                           |
| Group: B | Bottle Type: | PT-50ML        | # of Bottles: 6  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALGAL_ID     |                |                  |               |               |                                           |

Date of Request: 26-APR-2022  
 Created By: ECKLES\_M On: 26-APR-2022  
 Modified By: JASROTIA\_P On: 12-MAY-2022  
 Customer: TLH-ROC  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Not Applicable  
 Event Description: SCI Kits

**Send Coolers To:**

Phone: 850-245-7586  
 2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Michael Eckles  
 Cooler Ship EMail: michael.eckles@dep.state.fl.us

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 12-MAY-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 12-MAY-2022  
 Sampling Kit Required: YES Ship on: 20-MAY-2022  
 Sampling Kit Shipped: YES On: 22-MAY-2022  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 30-MAY-2022  
 Logged In By: MCCOY\_I On: 28-JUN-2022

**Send Final Report To:**

2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Michael Eckles  
 Report Notification EMail:  
 michael.eckles@floridadep.gov;terry.green@floridadep.gov

Comments: SCI Kits

No fedex labels

**Bottle Group A (Water) With 6 Samples:**

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 6 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) 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    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                                                             |
| *Color (true)               |                      |                                                                                                                                                |
| W-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) 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-2011) Total Dissolved Solids in aqueous matrices                                                                                    |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| Bottle Type: BP-1L          | Number of Bottles: 6 | 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: 6 | Preserved With: ICE                                                                                                                            |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems                                     |
| Bottle Type: BG-500ML       | Number of Bottles: 6 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS                  | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML        | Number of Bottles: 6 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-HARD                      | Template: DEFAULT    | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                              |
| Hardness                    |                      |                                                                                                                                                |
| W-ICP                       | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |

**Bottle Group A (Water) With 6 Samples:**

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 6 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |

Magnesium  
 Potassium  
 Sodium  
 Strontium  
 Tin  
 Titanium  
 Vanadium  
 Zinc

|         |                   |                                                                                                                             |
|---------|-------------------|-----------------------------------------------------------------------------------------------------------------------------|
| W-ICPMS | Template: DEFAULT | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |
|---------|-------------------|-----------------------------------------------------------------------------------------------------------------------------|

\*Boron  
 Aluminum  
 Antimony  
 Arsenic  
 Barium  
 Beryllium  
 Cadmium  
 Chromium  
 Cobalt  
 Copper  
 Lead  
 Manganese  
 Molybdenum  
 Nickel  
 Selenium  
 Silver  
 Thallium

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 6 | 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-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 6 | 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 Type: BG-1L | Number of Bottles: 14 | Preserved With: ICE                                                                |
| W-PSNP-TQ          | Template: DEFAULT     | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS |

**Bottle Group B (Biological) With 6 Samples:**

|                    |                       |                                                                |
|--------------------|-----------------------|----------------------------------------------------------------|
| Bottle Type: PJ-2L | Number of Bottles: 12 | Preserved With: Formalin                                       |
| MI-FW-QLDC         | Template: DEFAULT     | (SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets. |

|                      |                      |                                                                        |
|----------------------|----------------------|------------------------------------------------------------------------|
| Bottle Type: PT-50ML | Number of Bottles: 6 | Preserved With: ICE                                                    |
| ALGAL_ID             | Template: DEFAULT    | (SOP-AB05) Qualitative assessment of algal taxa present without counts |

\* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.