

# Login Checklist

RQ- 2021 - 01 - 18 - 44

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 03-31-2021 / 15:00

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 1.9c                |                 |                                        |          | 11                                    |               | X  |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO3 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 X No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

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

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X

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

If Criminal, photographs taken?

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

Containers intact? Yes X No \_\_\_\_\_

Caps on tight?

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

Sufficient Sample Volume:

Yes X 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 X No \_\_\_\_\_ Init: **ABS/**

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: **ABS/**

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< 2.0?

Yes X No \_\_\_\_\_ NA \_\_\_\_\_ Init: **ABS/**

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: **ABS/**

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

Coolers Unpacked/Checked by: **ABS/**

Date: 0-31-2021

Event contains NCRs (Y/N)? n

Event ID:

TLH-ROC-2021-03-31-02

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                         |
|--------------------------|-------------------------|
| Infrared Thermometer ID: | IRTG # 3 EXP:10/28/2021 |
| pH Test Strips 0 – 6     | 213316 BV EXP:05/15/21  |
| pH Paper 0 – 3           | N/A                     |
| pH Paper 0 – 13          | 231019 EXP:11/01/2021   |
| Chlorine Test Strips     | 0261 2023 / 05          |

### ENCORE SAMPLES

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

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

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: \_\_\_\_\_



RQ-2021-01-18-44

Customer: FDEP

Project ID: SMP

Collected By: Jade Burtchett, Jonathan Woods

Field Report Prepared by: Jade Burtchett,  
Jonathan Woods

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2TLHR0037

Comments:

Location: Russ Mill Creek @ Union Rd

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time  | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|----------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 3/31/2021 1030 | 7.55      | 83.7      | 20.4     | 7.53 | 0.3              | 0.3          | 0.6             | 257.6              | 0.12           |

Central Lab please use top row for login purposes

| Parameter Suite                    |   | Parameter Methods                                                            |  |          |                                             |      |   | Preservation |     |     | pH Check |   | # Bottles sent to Lab | Bottle Group |    |   |   |
|------------------------------------|---|------------------------------------------------------------------------------|--|----------|---------------------------------------------|------|---|--------------|-----|-----|----------|---|-----------------------|--------------|----|---|---|
| Preserved Nutrients (P-500ML)      | X | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |  |          |                                             |      |   | X            | Ice | X   | H2SO4*   | X | <2                    | 1            | A  |   |   |
|                                    |   | Lot #                                                                        |  | 353110   |                                             | Exp: |   | 01/11/22     |     |     |          |   |                       |              |    |   |   |
| Metals (P-500ML)                   | X | W-ICPMS                                                                      |  | X        | W-ICP                                       |      | X | W-HARD       |     | X   | Ice      | X | HNO3*                 | X            | <2 | 1 | A |
|                                    |   | Lot #                                                                        |  | 344060   |                                             | Exp: |   | 01/04/22     |     |     |          |   |                       |              |    |   |   |
| Filtered Nutrients (P125ML)        | X | W-PO4-F                                                                      |  | X        | Field Filtered 0.45 um Filter               |      |   |              | X   | Ice |          |   |                       | 1            | A  |   |   |
|                                    |   | Filter Lot #                                                                 |  | 16930646 |                                             |      |   |              |     |     |          |   |                       |              |    |   |   |
|                                    |   | Syringe Lot #                                                                |  | 779900   |                                             |      |   |              |     |     |          |   |                       |              |    |   |   |
| Chlorophyll (BP-1L)                | X | CHLSUITE-W                                                                   |  |          |                                             |      |   | X            | Ice |     | 1        |   |                       | A            |    |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | X | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |  |          |                                             |      |   | X            | Ice |     | 1        |   |                       | A            |    |   |   |
| Physical/Aggregate (Marine) (P-1L) |   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |  |          |                                             |      |   |              | Ice |     |          |   |                       |              |    |   |   |
| Macroinvertebrates (PJ-2L)         | X | MI-FW-QLDC                                                                   |  |          |                                             |      |   | X            | Ice |     | 1        |   |                       | B            |    |   |   |
| Periphyton (PT-50ML)               |   | ALGAE-ID                                                                     |  |          |                                             |      |   |              | Ice |     |          |   |                       |              |    |   |   |
| Microbiology (Contract Lab Bottle) | X | E Coli                                                                       |  |          | F Coli                                      |      |   | Enterococci  |     | X   | Ice      |   |                       | 1            | A  |   |   |
|                                    |   | Contract Lab                                                                 |  |          |                                             |      |   |              |     |     |          |   |                       |              |    |   |   |
| Molecular (QPCR-P-500ML)           |   | PCR-HF183                                                                    |  |          | PCR-BacR                                    |      |   | PCR-DG3      |     |     | Ice      |   |                       |              |    |   |   |
|                                    |   | PCR-GULL2                                                                    |  |          | PCR-GFD                                     |      |   |              |     |     | Ice      |   |                       |              |    |   |   |
| Tracers (BG-500ML)                 |   | W-E8321-DI                                                                   |  |          | W-E8321-MS                                  |      |   |              |     | Ice |          |   |                       |              |    |   |   |
| Pesticides (BG-500ML) (BG-1L)      |   | W-E8321-DI                                                                   |  |          | W-E8321-MS                                  |      |   | W-PSNP-TQ    |     |     | Ice      |   |                       |              |    |   |   |
|                                    |   | W-PCL-SQ-R                                                                   |  |          | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |      |   | W-DIELDRIN   |     |     |          |   |                       |              |    |   |   |
|                                    |   |                                                                              |  |          | W-CT-CL-R                                   |      |   |              |     |     |          |   |                       |              |    |   |   |
| Phytoplankton                      |   | DTY-QN-C                                                                     |  |          | PKD-QN-BV                                   |      |   |              |     |     | Ice      |   |                       |              |    |   |   |

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 3/31/2021  
**Customer:** TLH-DIST  
**RQ:** RQ-2021-01-18-44  
**Collected By:** Jade Burtchett, Jonathan Woods  
**Sampling Agency:** FDEP  
**Project ID:** SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

**Number of Coolers Shipped:** 2

**Delivery Method:** HandDelivered

**FIELD ID (Labels) submitted under this RQ for this collection date.**

| Site Location              | Field ID/WIN ID                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------|
| Russ Mill Creek @ Union Rd | <br>G2TLHR0037 |

RELINQUISHED BY(SIGNATURE):

*Jade Burtchett*

DATE/TIME:

3/31/21  
1530

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

*ABP*

Rec'd/Inspected

Date:

3-31-21 / 15:00

Date of Request: 06-JAN-2021  
 Created By: ECKLES\_M On: 06-JAN-2021  
 Modified By: JASROTIA\_P On: 11-JAN-2021  
 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: WATTS\_J On: 11-JAN-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 11-JAN-2021  
 Sampling Kit Required: YES Ship on: 14-JAN-2021  
 Sampling Kit Shipped: YES On: 15-JAN-2021  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 18-JAN-2021  
 Logged In By: SHAIK\_A On: 31-MAR-2021

**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    | (SM 2120 B-2011) 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-SO4-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-WQ-THI | Number of Bottles: 6 | 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: 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:            | (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 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                                    |
| Hardness                    |                      |                                                                                                                                                |
| 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 |
| Barium                      |                      |                                                                                                                                                |
| Calcium                     |                      |                                                                                                                                                |

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

Bottle Type: P-500ML      Number of Bottles: 6      Preserved With: HNO3  
 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

Iron  
 Magnesium  
 Manganese  
 Potassium  
 Sodium  
 Zinc

W-ICPMS      Template:      (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  
 Cadmium  
 Chromium  
 Copper  
 Lead  
 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:      (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.