

# Login Checklist

RQ- **2021 - 11 - 15 - 07**

Login Station ID: **# 3**

Shipping Method: **FedEx** | UPS | HD | Greyhound

Date/Time of Receipt: **11/16/2021 / 10:07**

| *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 |                    |
| 3.3c                |                 |                                        |          | 4                                     |               | X  |          |    | 9293 8016 0762     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

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

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No \_\_\_\_\_ 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: **11/16/2021**

Event contains NCRs (Y/N)? **n**

Event ID:

**CEN - DIST - 2021 - 11 - 16 - 01**

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                               |
|--------------------------|-------------------------------|
| Infrared Thermometer ID: | IRTG #3 EXP:10/19/2022        |
| pH Test Strips 0 – 6     | LOT # 223819AV EXP:08/30/2023 |
| pH Paper 0 – 3           | N/A                           |
| pH Paper 0 – 13          | LOT 207621 EXP:03/15/2024     |
| 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: \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 11/15/2021  
**Customer:** CEN-DIST  
**RQ:** RQ-2021-11-15-07  
**Collected By:** Elizabeth Bates, Terry Riordan  
**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:** 1

**Delivery Method:** FedEx

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

| Site Location         | Field ID/WIN ID                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------|
| Lake Isabell @ Center | <br>G4CE0214 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 11/15/2021  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** A.SHAIK

**Rec'd/Inspected**  
**Date:** 11/16/2021



RQ-2021-11-15-07

Collected By: Elizabeth Bates, Terry Riordan

Customer: FDEP

Field Report Prepared by: Elizabeth Bates, Terry Riordan

Project ID: SMP

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: G4CE0214

Location:

Location: Lake Isabell @ Center

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)                                                                    | Temp. ©        | pH                                          | Sample Depth (m)              | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT <sub>h</sub> ) |              |    |   |  |
|------------------------------------|-----------|------------------------------------------------------------------------------|----------------|---------------------------------------------|-------------------------------|--------------|-----------------|---------------------|------------------------------|--------------|----|---|--|
| 11/15/2021 1208                    | 7.57      | 84.2                                                                         | 20.6           | 6.09                                        | 0.3                           | 0.9          | 1.8             | 143.8               | 0.07                         |              |    |   |  |
| 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*                       | <2           | 1  | A |  |
|                                    |           | Lot #                                                                        |                | SA1105060                                   |                               | Exp:         | 4/30/22         |                     |                              |              |    |   |  |
| Metals (P-500ML)                   |           | W-ICPMS                                                                      |                | W-ICP                                       |                               | W-HARD       |                 | Ice                 |                              | HNO3*        | <2 |   |  |
|                                    |           | Lot #                                                                        |                |                                             |                               | Exp:         |                 |                     |                              |              |    |   |  |
| Filtered Nutrients (P125ML)        | X         | W-PO4-F                                                                      |                | X                                           | Field Filtered 0.45 µm Filter |              |                 | x                   | Ice                          |              | 1  | A |  |
|                                    |           | Filter Lot #                                                                 |                | 17135566                                    |                               |              |                 |                     |                              |              |    |   |  |
|                                    |           | Syringe Lot #                                                                |                | 1112035                                     |                               |              |                 |                     |                              |              |    |   |  |
| 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)         |           | MI-FW-QLDC                                                                   | Formalin Lot # |                                             |                               |              | Formalin        |                     |                              |              |    |   |  |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                                                     |                |                                             |                               |              |                 | Ice                 |                              |              |    |   |  |
| Microbiology (Contract Lab Bottle) |           | E Coli                                                                       |                | F Coli                                      |                               |              | Enterococci     | Ice                 |                              |              |    |   |  |
|                                    |           | Contract Lab                                                                 |                |                                             |                               |              |                 |                     |                              |              |    |   |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                    |                | PCR-BacR                                    |                               |              | PCR-DG3         | Ice                 |                              |              |    |   |  |
|                                    |           | PCR-GULL2                                                                    |                | PCR-GFD                                     |                               |              |                 |                     |                              |              |    |   |  |
| 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-TQ-R                                                                   |                | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                               | W-CT-CL-R    |                 |                     |                              |              |    |   |  |
| Phytoplankton                      |           | DTY-QN-C                                                                     |                | PKD-QN-BV                                   |                               |              |                 | Ice                 |                              |              |    |   |  |

Date of Request: 28-SEP-2021  
 Created By: BEARDEN\_M On: 28-SEP-2021  
 Modified By: JASROTIA\_P On: 19-OCT-2021  
 Customer: CEN-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Central District  
 Event Description: Lake Isabell

**Send Coolers To:**

Phone: 407-897-4123  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Matthew Bearden  
 Cooler Ship EMail: matthew.bearden@floridadep.gov

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 19-OCT-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 19-OCT-2021  
 Sampling Kit Required: YES Ship on: 05-NOV-2021  
 Sampling Kit Shipped: YES On: 03-NOV-2021  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 16-NOV-2021  
 Logged In By: SHAIK\_A On: 16-NOV-2021

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Matthew Bearden  
 Report Notification EMail:  
 matthew.bearden@floridadep.gov; victoria.schwartz@floridadep.gov

**Comments:****Bottle Group A (Water) With 1 Samples:**

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 1 | 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-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: 1 | 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: 1 | 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-2011) Nonpurgeable Organic Carbon in aqueous matrices                                             |
| Bottle Type: P-125ML              | Number of Bottles: 1 | 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                     |

