

# Login Checklist

RQ- 2023-08-31-12

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 8/18 / 23 @ 9:25

| *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 |                    |
| 0 -8                |                 |                                        |          | 1                                     |               | X  |          |    | 645484873756       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 X 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: C.P

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No \_\_\_\_\_ Init: \_\_\_\_\_

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: C.P

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: C.P

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

Coolers Unpacked/Checked by: C.P

Date: 8/18 /23

Event contains NCRs (Y/N)? N

EventID: CEN-DIST-2023-08-18-03 (SMP)  
Date Received: 18-AUG-2023 09:25

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                     |
|--------------------------|---------------------|
| Infrared Thermometer ID: | 221426058 10/17/23  |
| pH Test Strips 0 – 6     | 207621 03/15/2024   |
| pH Paper 0 – 3           | NA                  |
| pH Paper 0 – 13          | 20762103 03/15/2024 |
| Chlorine Test Strips     | 1196 02/2024        |

### 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# \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 8/17/2023      **Collected By:** Leif Boman, Terry Riordan  
**Customer:** CEN-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2023-07-31-12      **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                                                                                |
|----------------------------------------|------------------------------------------------------------------------------------------------|
| ALLIGATOR LAKE AT CENTER OF SOUTH LOBE | <br>G4CE0170 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/17/2023  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 

Rec'd/Inspected  
Date: 8-18-23



|                  |                                                     |
|------------------|-----------------------------------------------------|
| RQ-2023-07-31-12 | Collected By: Leif Boman, Terry Riordan             |
| Customer: FDEP   | Field Report Prepared by: Leif Boman, Terry Riordan |
| Project ID: SMP  | Sampling Agency: FDEP                               |

|                                                                                                    |           |
|----------------------------------------------------------------------------------------------------|-----------|
| WIN ID/Field ID:  | Comments: |
| WIN ID/Field ID: G4CE0170                                                                          |           |

Location: ALLIGATOR LAKE AT CENTER OF SOUTH LOBE

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST}                | DO (mg/L)                                                                    | DO (%SAT)                         | Temp. °C                                 | pH    | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT <sub>h</sub> ) |                       |              |    |   |   |
|------------------------------------|------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|-------|------------------|--------------|-----------------|---------------------|------------------------------|-----------------------|--------------|----|---|---|
| 8/17/2023 1103                     | 6.89                                                                         | 93.4                              | 31.2                                     | 6.32  | 0.3              | 1.5          | 4.1             | 140.3               | 0.06                         |                       |              |    |   |   |
| Parameter Suite                    |                                                                              | Parameter Methods                 |                                          |       |                  | Preservation |                 | pH Check            |                              | # Bottles sent to Lab | Bottle Group |    |   |   |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                                   |                                          |       |                  | Ice          | H2SO4*          |                     | <2                           |                       |              |    |   |   |
|                                    | Lot #                                                                        |                                   | Exp:                                     |       |                  |              |                 |                     |                              |                       |              |    |   |   |
| Metals (P-500ML)                   | x                                                                            | W-ICPMS                           | x                                        | W-ICP | x                | W-HARD       | x               | Ice                 | x                            | HNO3*                 | X            | <2 | 1 | A |
|                                    | Lot #                                                                        |                                   | NA2230040                                |       | Exp:             |              | 09/01/2023      |                     |                              |                       |              |    |   |   |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      |                                   | Field Filtered 0.45 µm Filter            |       |                  | Ice          |                 |                     |                              |                       |              |    |   |   |
|                                    | Filter Lot #                                                                 | Syringe Lot #                     |                                          |       |                  |              |                 |                     |                              |                       |              |    |   |   |
| BOD (BP-1L)                        | OV-BODUNIN                                                                   |                                   |                                          |       |                  | Ice          |                 |                     |                              |                       |              |    |   |   |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                   |                                   |                                          |       |                  | Ice          |                 |                     |                              |                       |              |    |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                          |       |                  | Ice          |                 |                     |                              |                       |              |    |   |   |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / 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          | MCAA Exp.       | MCAA Lot#           |                              |                       |              |    |   |   |
|                                    | W-PCL-TQ-R                                                                   |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |       | W-CT-CL-R        |              |                 |                     |                              |                       |              |    |   |   |
|                                    | W-TR-SQ-R                                                                    |                                   | W-PCB-TQ-R                               |       |                  |              |                 |                     |                              |                       |              |    |   |   |
| Phytoplankton (BP-1L)              | DTY-QN-C                                                                     |                                   | PKD-QN-BV                                |       |                  | Ice          |                 |                     |                              |                       |              |    |   |   |
| DOC (P-500ML)                      | W-DOC                                                                        | Field Filtered 0.45 µm Filter     |                                          |       | Ice              | H2SO 4*      |                 | <2                  |                              |                       |              |    |   |   |
|                                    |                                                                              | Acid Preservative Expiration Date |                                          |       |                  |              |                 |                     |                              |                       |              |    |   |   |
|                                    |                                                                              | Acid Preservative Lot Number      |                                          |       |                  |              |                 |                     |                              |                       |              |    |   |   |

Date of Request: 20-JUN-2023  
 Created By: BEARDEN\_M On: 20-JUN-2023  
 Modified By: AYRES\_J On: 12-JUL-2023  
 Customer: CEN-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Central District  
 Event Description: Run 7

**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: AYRES\_J On: 12-JUL-2023  
 Biology Request Reviewed By:  
 Sampling Kit Required: YES Ship on: 21-JUL-2023  
 Sampling Kit Shipped: YES On: 17-JUL-2023  
 Sampling Kit Packed By: KREUCH\_B  
 Preservatives Needed: NO  
 Date to Receive Samples: 04-AUG-2023  
 Logged In By: KREUCH\_B On: 04-AUG-2023

**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;jessie.atchison@floridadep.gov  
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**Comments:****Bottle Group A (Water) With 2 Samples:**

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-HARD               | Template: DEFAULT    | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                          |
| 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                 |                      |                                                                                                                                                |
| 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                    |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Barium               |                      |                                                                                                                                                |
| Beryllium            |                      |                                                                                                                                                |
| Boron                |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Cobalt               |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Manganese            |                      |                                                                                                                                                |
| Molybdenum           |                      |                                                                                                                                                |

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

Bottle Type: P-500ML

Number of Bottles: 2

Preserved With: HNO3

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

Nickel

Selenium

Silver

Thallium