

# Login Checklist

RQ- 2023-08-28-16

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/7/23 @ 0923

| *Cooler Temperature | Samples | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|---------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     | Frozen? |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES     | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 1.6                 |         |                                        |          | 1                                     |               | x  |          |    | 618484596196       |
|                     |         |                                        |          |                                       |               |    |          |    |                    |
|                     |         |                                        |          |                                       |               |    |          |    |                    |
|                     |         |                                        |          |                                       |               |    |          |    |                    |
|                     |         |                                        |          |                                       |               |    |          |    |                    |
|                     |         |                                        |          |                                       |               |    |          |    |                    |

## 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 ☒ 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: BKK

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 ☒ No \_\_\_\_\_ NA \_\_\_\_\_ Init: BKK

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

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

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

Coolers Unpacked/Checked by: BKK

Date: 11/7/23

Event contains NCRs (Y/N)? N

Event ID:

SJR Above Winder

CEN-DIST-2023-11-07-02 (SMP)

Date Received: 07-NOV-2023 09:23

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

|                          |                               |
|--------------------------|-------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #3 Exp:10/16/2024 |
| pH Test Strips 0 – 6     | Lot#223819BV   Exp:8/15/24    |
| pH Paper 0 – 3           |                               |
| pH Paper 0 – 13          | Lot#207621   Exp:3/15/24      |
| Chlorine Test Strips     | Lot#2313   Exp:7/25           |

### Additional Comments:

### 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# \_\_\_\_\_**



RQ-2023-08-28-16

Customer: FDEP

Project ID: SMP

Collected By: Leif Boman, Victoria Schwartz

Field Report Prepared by: Leif Boman, Victoria Schwartz

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G3CE0030

Comments:

Location: SJR 700M UPSTREAM OF LAKE WINDER

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) |
|------------------------------------|------------------------------------------------------------------------------|------------------------------------------|-------------|-------|------------------|--------------|-----------------|-----------------------|----------------|
| 11/6/2023<br>1133                  | 2.53                                                                         | 28.4                                     | 21          | 6.65  | 0.3              | 0.4          | 2.1             | 340.6                 | 0.16           |
| 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              |
|                                    | Lot #                                                                        |                                          | NA3193130   |       | Exp: 07/27/2024  |              |                 |                       | A              |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      | Field Filtered 0.45 um 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 um Filter            |             |       | Ice              | H2SO4*       |                 | <2                    |                |
|                                    | Acid Preservative Expiration Date                                            |                                          |             |       |                  |              |                 |                       |                |
|                                    | Acid Preservative Lot Number                                                 |                                          |             |       |                  |              |                 |                       |                |

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 11/6/2023  
**Customer:** CEN-DIST  
**RQ:** RQ-2023-08-28-16  
**Collected By:** Leif Boman, Victoria Schwartz  
**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                                                                                |
|-----------------------------------|------------------------------------------------------------------------------------------------|
| SJR ~700M UPSTREAM OF LAKE WINDER | <br>G3CE0030 |

**RELINQUISHED BY(SIGNATURE):**



**DATE/TIME:** 11/6/2023  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** Brian Kneuch

**Rec'd/Inspected**  
**Date:** 11/7/23 0923

Date of Request: 24-JUL-2023  
 Created By: BEARDEN\_M On: 24-JUL-2023  
 Modified By: AYRES\_J On: 09-AUG-2023  
 Customer: CEN-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Central District  
 Event Description: SJR Above Winder

**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: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 09-AUG-2023  
 Biology Request Reviewed By:  
 Sampling Kit Required: YES Ship on: 18-AUG-2023  
 Sampling Kit Shipped: YES On: 10-AUG-2023  
 Sampling Kit Packed By: KREUCH\_B  
 Preservatives Needed: NO  
 Date to Receive Samples: 29-AUG-2023  
 Logged In By:

**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 1 Samples:**

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | 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 1 Samples:**

Bottle Type: P-500ML

Number of Bottles: 1

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