

# Login Checklist

RQ- 2023-08-28-50

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 08/29/23 @ 0815

| *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 |                     |
| <u>2-5</u>          |                        |                                        |          | <u>3</u>                              |               | <u>x</u> |          |    | <u>648184576551</u> |
|                     |                        |                                        |          |                                       |               |          |          |    |                     |
|                     |                        |                                        |          |                                       |               |          |          |    |                     |
|                     |                        |                                        |          |                                       |               |          |          |    |                     |
|                     |                        |                                        |          |                                       |               |          |          |    |                     |

## 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: 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 X No \_\_\_\_\_ NA \_\_\_\_\_ Init: BKK

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

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

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

Coolers Unpacked/Checked by: BKK

Date: 08/29/23

Event contains NCRs (Y/N)? N

Event ID: Sawgrass Lake  
SE-DIST-2023-08-29-04 (SMP)

Date Received: 29-AUG-2023 08:15

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                               |
|--------------------------|-------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #3 Exp:10/17/2023 |
| 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#3032   Exp:8/25           |

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

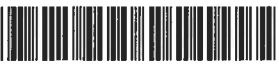
If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 8/28/2023 **Collected By:** Matt Bearden, Katie March  
**Customer:** SE-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2023-08-28-50 **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                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------|
| LITTLE SAWGRASS LAKE CENTER | <br>G3SE0068 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/28/2023  
1645 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: Brian Brewer

Rec'd/Inspected  
Date: 8/29/2023 0815



RQ-2023-08-28-50

Collected By: Matt Bearden, Katie March

Customer: FDEP

Field Report Prepared by: Matt Bearden, Katie March

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SE0068

Comments:

Location: LITTLE SAWGRASS LAKE CENTER

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 (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 8/28/2023<br>1438   | 2.69      | 36        | 30.8     | 6.87 | 0.3              | 0.5          | 1.4             | 396.6               | 0.19            |

| 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 #                                                                       | SA3013020                                | Exp:                              | 01/25/2024    |     |          |           |                       |              |    |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                     |                                          | W-ICP                             | W-HARD        | Ice |          | HNO3*     |                       | <2           |    |   |
|                                    |                   | Lot #                                                                       |                                          |                                   | Exp:          |     |          |           |                       |              |    |   |
| 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)                | 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-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      |           |                       |              |    |   |
|                                    |                   | W-E8321-DI                                                                  | W-E8321-MS                               | W-PSNP-TQ                         |               |     |          | MCAA Exp. | MCAA Lot#             |              |    |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA Buffer Solution) |                                   | W-CT-CL-R     |     | Ice      |           |                       |              |    |   |
|                                    |                   | 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      |           | H2SO4*                |              | <2 |   |
|                                    |                   |                                                                             |                                          | Acid Preservative Expiration Date |               |     |          |           |                       |              |    |   |
|                                    |                   |                                                                             |                                          | Acid Preservative Lot Number      |               |     |          |           |                       |              |    |   |

Date of Request: 08-AUG-2023  
 Created By: BEARDEN\_M On: 08-AUG-2023  
 Modified By: JASROTIA\_P On: 11-AUG-2023  
 Customer: SE-DIST  
 Project: SMP  
 Division:  
 District: Southeast District  
 Event Description: Sawgrass Lake

**Send Coolers To:**

Phone: (772) 380-5572  
 FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Jordan Skaggs  
 Cooler Ship EMail: matthew.bearden@floridadep.gov

Priority: 3  
 Event Status: A  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 10-AUG-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 11-AUG-2023  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 29-AUG-2023  
 Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Jordan Skaggs  
 Report Notification EMail:  
 jordan.skaggs@floridadep.gov;andrew.luering@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    | (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-SO4-IC                          | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                             | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                             | Template: DEFAULT    | (SM 2540 D-2015) 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 10150 B) 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                                        |