

# Login Checklist

RQ- 2023 - 07 - 24 - 14

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 07/28/2023 / 08:52

| *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 |                    |
| 1.1c                |                 |                                        |          | 4                                     |               |    |          |    | 6484 8456 7042     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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/ FieldSheet(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: 07/28/2023

Event contains NCRs (Y/N)? n

Event ID:

CEN - DIST - 2023 - 07 - 28 - 0

## Login Checklist

## Login Preservation Equipment

**Lot # & Exp: Date**

**Additional Comments:**

|                          |                          |
|--------------------------|--------------------------|
| Infrared Thermometer ID: | IRTG # 2 EXP:10/17/2023  |
| pH Test Strips 0 – 6     | LOT#223819AV EXP:8/30/23 |
| pH Paper 0 – 3           | N/A                      |
| pH Paper 0 – 13          | LOT#207621 EXP:3/15/2024 |
| Chlorine Test Strips     | LOT#207621 EXP:3/15/2024 |

1196/2024/02 abs/04/03/23

[illegible]

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 7/27/2023  
**Customer:** CEN-DIST  
**RQ:** RQ-2023-07-24-14

**Collected By:** Jessie Atchison, Leif Boman  
**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                                                                                |
|--------------------|------------------------------------------------------------------------------------------------|
| CITRUS BLUE SPRING | <br>G4CE0231 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 7/27/2023  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

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

**Rec'd/Inspected**  
**Date:** 07/28/2023



RQ-2023-07-24-14

Customer: FDEP

Project ID: SMP

Collected By: Jessie Atchison, Leif Boman

Field Report Prepared by: Jessie Atchison, Leif Boman

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G4CE0231

Comments:

Location: CITRUS BLUE SPRING

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) |
|---------------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|---------------------|-----------------|
| 7/27/2023<br>1143   | 3.46      | 40.6      | 23.3     | 6.9 | 0.3              | 0.7          | 0.7             | 360.9               | 0.17            |

  

| 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-CH-C / 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) | 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                       |               |             |            |        |                       |              |    |    |  |  |
| 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        |        | H2SO4*                |              | <2 |    |  |  |
|                                    | Acid Preservative Expiration Date |                                                                            |                                          |                               |               |             |            |        |                       |              |    |    |  |  |
|                                    | Acid Preservative Lot Number      |                                                                            |                                          |                               |               |             |            |        |                       |              |    |    |  |  |

Date of Request: 19-JUN-2023  
 Created By: BEARDEN\_M On: 19-JUN-2023  
 Modified By: JASROTIA\_P On: 06-JUL-2023  
 Customer: CEN-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Central District  
 Event Description: Citrus Blue Spring

**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: 06-JUL-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 06-JUL-2023  
 Sampling Kit Required: YES Ship on: 14-JUL-2023  
 Sampling Kit Shipped: YES On: 13-JUL-2023  
 Sampling Kit Packed By: PENDLETO\_C  
 Preservatives Needed: NO  
 Date to Receive Samples: 28-JUL-2023  
 Logged In By: SHAIK\_A On: 28-JUL-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  
 v

**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-SO <sub>4</sub> -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-250ML-WO-THI       | Number of Bottles: 1 | Preserved With: ICE                                                                                        |
| ECOLI-18QT                        | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |
| 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                                           |

