

# Login Checklist

RQ- **2020- 10 - 12 - 35**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **10-13-2020 / 10:30**

| *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 |                    |
| 2.8C                |                 |                                        |          | 4                                     |               | x  |          |    | 9293 8006 6941     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

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

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: **10-13-2020**

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

Event ID:

**CEN - DIST - 2020 - 10 - 13 - 0**

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                         |
|--------------------------|-------------------------|
| Infrared Thermometer ID: | IRTG # 3 EXP:11/05/2020 |
| pH Test Strips 0 – 6     | 213316 BV EXP:05/15/21  |
| pH Paper 0 – 3           | XX XX XX XX             |
| pH Paper 0 – 13          | 231019 EXP:11/01/2020   |
| Chlorine Test Strips     | 9080 / 2022 / 01        |

### 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: \_\_\_\_\_



RQ-2020-10-12-35

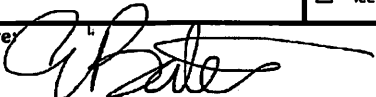
Customer: WQAP

Project ID: SMP

Collected By: Elizabeth Bates, Leif Boman

Field Report Prepared By: Elizabeth Bates

Sampling Agency: FDEP

| Place Label Here                                  |              |                                                                                                                                                                                                                                                           |           |                                                                                                |      | Comments:                                                                               |                                         |                                        |                      |                |
|---------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|----------------------|----------------|
| WIN ID/Field ID:                                  |              |                                                                                                                                                                          |           |                                                                                                |      |                                                                                         |                                         |                                        |                      |                |
|                                                   |              | G4CE0163                                                                                                                                                                                                                                                  |           |                                                                                                |      |                                                                                         |                                         |                                        |                      |                |
| Location:                                         |              | Lake Center @ Center                                                                                                                                                                                                                                      |           |                                                                                                |      |                                                                                         |                                         |                                        |                      |                |
| Matrix: Fresh                                     |              |                                                                                                                                                                                                                                                           |           |                                                                                                |      | (Check one) <input checked="" type="checkbox"/> GRAB <input type="checkbox"/> COMPOSITE |                                         |                                        |                      |                |
| Date                                              | Time         | DO (mg/L)                                                                                                                                                                                                                                                 | DO (%SAT) | Temp. (C°)                                                                                     | pH   | Sample Depth (m)                                                                        | Secchi Disk (m)                         | Total Depth (m)                        | Sp COND (µmhos/cm)   | Salinity (PPT) |
| 10/12/2020                                        | 10:54<br>EST | 5.26                                                                                                                                                                                                                                                      | 67.7      | 28.4                                                                                           | 4.99 | 0.357                                                                                   | 0.3<br><input type="checkbox"/> VOB (S) | 3.3                                    | 116.2                | 0.05           |
| Central Lab please use top row for login purposes |              |                                                                                                                                                                                                                                                           |           |                                                                                                |      |                                                                                         |                                         |                                        |                      |                |
|                                                   | 10:58<br>EST | 2.86                                                                                                                                                                                                                                                      | 36.7      | 27                                                                                             | 5    | 2.8                                                                                     |                                         |                                        | 117                  | 0.05           |
| Parameter Suite                                   |              | Parameter Methods                                                                                                                                                                                                                                         |           |                                                                                                |      | Preservation                                                                            |                                         | pH check                               | #Bottles sent to Lab | Bottle Group   |
| Preserved Nutrients (P-500ML)                     |              | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                                           |           |                                                                                                |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4*      |                                         | <input checked="" type="checkbox"/> <2 | 1                    | A              |
|                                                   |              | Lot #                                                                                                                                                                                                                                                     |           | SA0038110                                                                                      |      | Exp:                                                                                    |                                         | 02/07/21                               |                      |                |
| Metals (P-500ML)                                  |              | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD                                                                                                                                                           |           |                                                                                                |      | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                             |                                         | <input type="checkbox"/> <2            |                      |                |
|                                                   |              | Lot #                                                                                                                                                                                                                                                     |           |                                                                                                |      | Exp:                                                                                    |                                         |                                        |                      |                |
| Filtered Nutrients (P125ML)                       |              | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                             |           |                                                                                                |      | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                    | A              |
|                                                   |              | Filter Lot #                                                                                                                                                                                                                                              |           | 16930280                                                                                       |      |                                                                                         |                                         |                                        |                      |                |
|                                                   |              | Syringe Lot #                                                                                                                                                                                                                                             |           | 9149785                                                                                        |      |                                                                                         |                                         |                                        |                      |                |
| Chlorophyll (BP-1L)                               |              | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                            |           |                                                                                                |      | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                    | A              |
| Physical/Aggregate (Fresh) (P-1L)                 |              | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                           |           |                                                                                                |      | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                    | A              |
| Physical/Aggregate (Marine) (P-1L)                |              | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                   |           |                                                                                                |      | <input type="checkbox"/> Ice                                                            |                                         |                                        |                      |                |
| Macroinvertebrates (PJ-2L)                        |              | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                       |           |                                                                                                |      | <input type="checkbox"/> Formalin                                                       |                                         |                                        |                      |                |
| Periphyton (PT-50ML)                              |              | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                         |           |                                                                                                |      | <input type="checkbox"/> Ice                                                            |                                         |                                        |                      |                |
| Microbiology (Contract Lab Bottle)                |              | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                             |           |                                                                                                |      | <input type="checkbox"/> Ice                                                            |                                         |                                        |                      |                |
| Molecular (QPCR-P-500ML)                          |              | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/>                                                     |           |                                                                                                |      | <input type="checkbox"/> Ice                                                            |                                         |                                        |                      |                |
| Tracers (BG-500ML)                                |              | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                   |           |                                                                                                |      | <input type="checkbox"/> Ice                                                            |                                         |                                        |                      |                |
| Pesticides (BG-500ML) (BG-1L)                     |              | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |           |                                                                                                |      | <input type="checkbox"/> Ice                                                            |                                         |                                        |                      |                |
|                                                   |              |                                                                                                                                                                                                                                                           |           |                                                                                                |      | <input type="checkbox"/> Ice                                                            |                                         |                                        |                      |                |
| Name: Elizabeth Bates<br>Leif Boman               |              |                                                                                                                                                                                                                                                           |           | Signature:  |      |                                                                                         |                                         | Date: 10/12/2020                       |                      |                |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 10/12/2020  
**Customer:** CEN-DIST  
**RQ:** RQ-2020-10-12-35

**Collected By:** Elizabeth Bates, 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

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

| Site Location        | Field ID/WIN ID                                                                                |
|----------------------|------------------------------------------------------------------------------------------------|
| Lake Center @ Center | <br>G4CE0163 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 10/12/2020  
16:00

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:



Rec'd/Inspected Date: 10-13-20

SHIPPED IN COOLER WITH RQ-2020-10-12-50 and  
RQ-2020-09-28-42

Printed: 10/13/2020 11:27:27

Page 1 of 1

Date of Request: 22-SEP-2020  
 Created By: BOMAN\_L On: 22-SEP-2020  
 Modified By: JASROTIA\_P On: 24-SEP-2020  
 Customer: CEN-DIST  
 Project: SMP  
 Division:  
 District: Central District  
 Event Description: Coon/Center

**Send Coolers To:**

Phone: 407-897-4178  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Natalie Ayala  
 Cooler Ship EMail: natalie.ayala@dep.state.fl.us

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 23-SEP-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 24-SEP-2020  
 Sampling Kit Required: YES Ship on: 02-OCT-2020  
 Sampling Kit Shipped: YES On: 29-SEP-2020  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 12-OCT-2020  
 Logged In By: SHAIK\_A On: 13-OCT-2020

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Kalina Warren  
 Report Notification EMail: natalie.ayala@dep.state.fl.us

**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-SO4-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                     |