

# Login Checklist

RQ- 2021-05-10-14

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 5/ 5 /21 @ 9:40

| *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 |                    |
| 2.1                 |                 |                                        |          | 21                                    |               | ✓  |          |    | 9293 8011 4031     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: WK

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: WK

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

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

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

Coolers Unpacked/Checked by: WK

Date: 5/ 5 /21

Event contains NCRs (Y/N)? N

Event ID: Nutrient Kit + Metals + Phytoplankton

CEN-DIST-2021-05-05-03 (SMP)

Date Received: 05-MAY-2021 09:40

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #5 EXP:10-28-21 |
| pH Test Strips 0 – 6     | Lot#213116BV Exp:5-15-21    |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | Lot#210620 EXP:4-15-23      |
| Chlorine Test Strips     | Lot#0261 EXP:5-23           |

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

**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: \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 5/4/2021 **Collected By:** Victoria Schwartz, Katie March  
**Customer:** CEN-DIST **Sampling:** FDEP  
**RQ:** RQ-2021-05-10-14 **Agency:**   
**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          |
|------------------------------------------------------------------------------------------------------------------|--------------------------|
| RELINQUISHED BY(SIGNATURE):<br> | DATE/TIME: 5/4/2021 1600 |

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** HLH

**Rec'd/Inspected**

**Date:** 5.5.21 10940



|                  |                                                          |
|------------------|----------------------------------------------------------|
| RQ-2021-05-10-14 | Collected By: Victoria Schwartz, Katie March             |
| Customer: FDEP   | Field Report Prepared by: Victoria Schwartz, Katie March |
| Project ID: SMP  | Sampling Agency: FDEP                                    |

WIN ID/Field ID:   
WIN ID/Field ID: G2CE0093

Comments:

Location: Lake Lotta at Center of southern lobe

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time    | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 5/4/2021<br>1258 | 8.71      | 112.5     | 28.7     | 7.39 | 0.3              | 1            | 3.4             | 180.8              | 0.08           |

Central Lab please use top row for login purposes

| 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 #                                                                        |  | SA0353110 |                                             | Exp: |   | 1/11/22      |     |     |          |   |                       |              |   |    |   |   |
| Metals (P-500ML)                   | X | W-ICPMS                                                                      |  | X         | W-ICP                                       |      | X | W-HARD       |     | X   | Ice      | X | HNO3*                 |              | X | <2 | 1 | A |
|                                    |   | Lot #                                                                        |  | NA0344060 |                                             | Exp: |   | 1/4/22       |     |     |          |   |                       |              |   |    |   |   |
| Filtered Nutrients (P125ML)        | X | W-PO4-F                                                                      |  | X         | Field Filtered 0.45 um Filter               |      |   |              | X   | Ice |          |   |                       |              |   | 1  | A |   |
|                                    |   | Filter Lot #                                                                 |  | 17135566  |                                             |      |   |              |     |     |          |   |                       |              |   |    |   |   |
|                                    |   | Syringe Lot #                                                                |  | 79900     |                                             |      |   |              |     |     |          |   |                       |              |   |    |   |   |
| 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-BR-IC / W-F / W-TSS / TURBIDITY                               |  |           |                                             |      |   |              | Ice |     |          |   |                       |              |   |    |   |   |
| Macroinvertebrates (PJ-2L)         |   | MI-FW-QLDC                                                                   |  |           |                                             |      |   |              | Ice |     |          |   |                       |              |   |    |   |   |
| 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 |          |   |                       |              |   |    |   |   |
|                                    |   |                                                                              |  |           |                                             |      |   | W-DIELDRIN   |     |     |          |   |                       |              |   |    |   |   |
|                                    |   | W-PCL-SQ-R                                                                   |  |           | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |      |   | W-CT-CL-R    |     |     |          |   |                       |              |   |    |   |   |
| Phytoplankton                      | X | DTY-QN-C                                                                     |  | X         | PKD-QN-BV                                   |      |   |              | X   | Ice |          |   |                       | 1            | B |    |   |   |

Date of Request: 19-MAR-2021  
 Created By: BOMAN\_L On: 19-MAR-2021  
 Modified By: JASROTIA\_P On: 22-APR-2021  
 Customer: CEN-DIST  
 Project: SMP  
 Division:  
 District: Central District  
 Event Description: Nutrient Kit + Metals + Phytoplankton

**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: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 22-APR-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 22-APR-2021  
 Sampling Kit Required: YES Ship on: 30-APR-2021  
 Sampling Kit Shipped: YES On: 27-APR-2021  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 10-MAY-2021  
 Logged In By:

**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: Receiving, log algae samples in under separate Event, Priority 12

Bottle Group A: Nutrients, Metals  
 Bottle Group B: Phyto

**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-SO <sub>4</sub> -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: HNO <sub>3</sub>                                                                                                               |
| W-HARD                | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                                    |
| Hardness              |                      |                                                                                                                                                |
| W-ICP                 | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                |                      |                                                                                                                                                |
| Calcium               |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Magnesium             |                      |                                                                                                                                                |
| Manganese             |                      |                                                                                                                                                |
| Potassium             |                      |                                                                                                                                                |
| Sodium                |                      |                                                                                                                                                |

**Bottle Group A (Water) With 1 Samples:**

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: HNO3  
 W-ICP      Template:      (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Zinc  
 W-ICPMS      Template:      (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

\*Boron  
 Aluminum  
 Antimony  
 Arsenic  
 Beryllium  
 Cadmium  
 Chromium  
 Copper  
 Lead  
 Nickel  
 Selenium  
 Silver  
 Thallium

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: ICE And H2SO4  
 W-NH3      Template: DEFAULT      (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L  
 W-NO2NO3      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-PO4-F      Template: DEFAULT      (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

**Bottle Group B (Water) With 1 Samples:**

Bottle Type: BP-1L      Number of Bottles: 1      Preserved With: Lugols  
 DTY-QN-C      Template: DEFAULT      (SOP-AB05\_1) No. of diatom taxa of quantitative phytoplankton sample.  
 PKD-QN-BV      Template: DEFAULT      (SOP-AB05) No. of wet taxa of quantitative phytoplankton sample w/speciation and cell counts.

\* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.