

# Login Checklist

RQ- 2021-07-12-43

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 8/ 19 /21 @ 9:35

| *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 |                    |
| 2.2                 |                 |                                        |          | 4                                     |               | ✓  |          |    | 9293 8012 4043     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 ☒ 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: KK

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: KK

\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: KK

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

Coolers Unpacked/Checked by: KK Date: 8/ 19 /21 Event contains NCRs (Y/N)? N

Event ID: Okahumpka/Deaton/Hidden  
CEN-DIST-2021-08-19-01 (SMP)  
Date Received: 19-AUG-2021 09:35

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                                 |                             |
|---------------------------------|-----------------------------|
| <b>Infrared Thermometer ID:</b> | IR TEMP GUN #5 EXP:10-28-21 |
| <b>pH Test Strips 0 – 6</b>     | Lot#210620 EXP:4-15-23      |
| <b>pH Paper 0 – 3</b>           |                             |
| <b>pH Paper 0 – 13</b>          | Lot#210620 EXP:4-15-23      |
| <b>Chlorine Test Strips</b>     | 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:** 8/18/2021  
**Customer:** CEN-DIST  
**RQ:** RQ-2021-07-12-43  
**Collected By:** Leif Boman, Katie March  
**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                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------|
| Lake Okahumpka at center | <br>G4CE0159 |

RELINQUISHED BY(SIGNATURE):

*K March*

DATE/TIME: 8/18/2021

1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *KK*

Rec'd/Inspected

Date: *8.19.21 / 0935*



|                                                                                                                                 |                                                   |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| RQ-2021-07-12-43                                                                                                                | Collected By: Leif Boman, Katie March             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Leif Boman, Katie March |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                             |
| WIN ID/Field ID: <br>WIN ID/Field ID: G4CE0159 | Comments:                                         |

**Location:**  
Location: Lake Okahumpka at center

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)                                                                   | Temp. ©        | pH    | Sample Depth (m)                            | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT)        |              |    |   |   |  |  |  |  |  |  |  |
|------------------------------------|-----------|-----------------------------------------------------------------------------|----------------|-------|---------------------------------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|---|---|--|--|--|--|--|--|--|
| 8/18/2021 1134                     | 6.58      | 85.7                                                                        | 29.5           | 7.68  | 0.3                                         | 1.3          | 1.9             | 249.6               | 0.12                  |              |    |   |   |  |  |  |  |  |  |  |
| 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 #                                                                       | SA1105060      |       | Exp:                                        | 4/30/22      |                 |                     |                       |              |    |   |   |  |  |  |  |  |  |  |
| Metals (P-500ML)                   |           | W-ICPMS                                                                     |                | W-ICP |                                             |              | Ice             |                     | HNO3*                 |              | <2 |   |   |  |  |  |  |  |  |  |
|                                    |           | Lot #                                                                       |                |       | Exp:                                        |              |                 |                     |                       |              |    |   |   |  |  |  |  |  |  |  |
| Filtered Nutrients (P125ML)        | X         | W-PO4-F                                                                     |                | X     | Field Filtered 0.45 um Filter               |              | x               | Ice                 |                       |              |    | 1 | A |  |  |  |  |  |  |  |
|                                    |           | Filter Lot #                                                                |                |       | 17135566                                    |              |                 |                     |                       |              |    |   |   |  |  |  |  |  |  |  |
|                                    |           | Syringe Lot #                                                               |                |       | 1112035                                     |              |                 |                     |                       |              |    |   |   |  |  |  |  |  |  |  |
| 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                                                                  | Formalin Lot # |       |                                             |              | Formalin        |                     |                       |              |    |   |   |  |  |  |  |  |  |  |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                                                    |                |       |                                             |              | Ice             |                     |                       |              |    |   |   |  |  |  |  |  |  |  |
| Microbiology (Contract Lab Bottle) |           | E Coli                                                                      |                |       | F Coli                                      |              |                 | Ice                 |                       |              |    |   |   |  |  |  |  |  |  |  |
|                                    |           | Contract Lab                                                                |                |       |                                             |              |                 |                     |                       |              |    |   |   |  |  |  |  |  |  |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                   |                |       | PCR-BacR                                    |              |                 | 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                                  |              |                 | Ice                 |                       |              |    |   |   |  |  |  |  |  |  |  |
|                                    |           | W-PCL-TQ-R                                                                  |                |       | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |              |                 |                     |                       |              |    |   |   |  |  |  |  |  |  |  |
| Phytoplankton                      |           | DTY-QN-C                                                                    |                |       | PKD-QN-BV                                   |              |                 | Ice                 |                       |              |    |   |   |  |  |  |  |  |  |  |

Date of Request: 25-JUN-2021  
 Created By: BOMAN\_L On: 25-JUN-2021  
 Modified By: WATTS\_J On: 30-JUN-2021  
 Customer: CEN-DIST  
 Project: SMP  
 Division:  
 District: Central District  
 Event Description: Okahumpka/Deaton/Hidden

**Send Coolers To:**

Phone: 407-897-4181  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Leif Boman  
 Cooler Ship EMail: Leif.Boman@FloridaDEP.gov

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 30-JUN-2021  
 Biology Request Reviewed By: SWANSON\_C On: 25-JUN-2021  
 Sampling Kit Required: YES Ship on: 02-JUL-2021  
 Sampling Kit Shipped: YES On: 01-JUL-2021  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 12-JUL-2021  
 Logged In By:

**Send Final Report To:**

3319 Maguire Blvd., Suite 232  
  
 Orlando, FL 32803-3767  
 Attn: Matt Bearden  
 Report Notification EMail: Matthew.Bearden@FloridaDEP.gov

**Comments:****Bottle Group A (Water) With 3 Samples:**

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 3 | 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: 3 | 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: 3 | 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: 3 | 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                     |