

RQ-2021-09-06-54

## Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/26/2021 9:25

| *Cooler Temperature | Samples Frozen?<br>YES | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|------------------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                        | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |    | *Intact? |    |                    |
|                     |                        |                                        |          |                                       | Yes           | No | Yes      | No |                    |
| 2.2                 |                        |                                        |          | 14                                    |               | ✓  |          |    | 929380158394       |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |

## 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: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☒ Init: IM

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 &lt; 2.0?

Yes ☒ No ☐ NA ☐ Init: IM

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

Yes ☐ No ☐ NA ☒ Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 10/26/2021

Event contains NCRs (Y/N)? ☒Event ID: Dead River  
CEN-DIST-2021-10-26-02 (SMP)

Date Received: 26-OCT-2021 09:25

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #2 exp:10/28/21 |
| pH Test Strips 0 – 6     |                             |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | 219019 exp: 7/1/22          |
| Chlorine Test Strips     | 0129 exp: 03/2023           |

### 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:** 10/25/2021  
**Customer:** CEN-DIST  
**RQ:** RQ-2021-09-06-54  
**Collected By:** Matt Bearden, 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                                                                                |
|----------------------------------------------|------------------------------------------------------------------------------------------------|
| Dead River @ 1250 m north of Lake Hatchineha | <br>G4CE0167 |

**RELINQUISHED BY(SIGNATURE):**

*Matt Bearden*

**DATE/TIME:** 10/25/2021  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

*LM*

**Rec'd/Inspected  
Date:**

*10/26/21*



RQ-2021-09-06-54

Collected By: Matt Bearden, Katie March

Customer: FDEP

Field Report Prepared by: Matt Bearden, Katie March

Project ID: SMP

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: G4CE0167

Location:

Location: Dead River @ 1250 m north of Lake Hatchineha

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 (PPTH) |                       |              |   |   |
|------------------------------------|-----------|------------------------------------------------------------------------------|---------------------------------------------|------------|-------------------------------|--------------|-----------------|---------------------|-----------------|-----------------------|--------------|---|---|
| 10/25/2021 1045                    | 0.6       | 7.3                                                                          | 24.7                                        | 6.04       | 0.3                           | 0.3          | 0.5             | 186                 | 0.09            |                       |              |   |   |
| 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:         |                 | 4/30/2022           |                 |                       |              |   |   |
| Metals (P-500ML)                   |           | W-ICPMS                                                                      |                                             | W-ICP      |                               | W-HARD       |                 | Ice                 |                 |                       | <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) | 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                     |              | x               | Ice                 | 4 or 2          | A                     |              |   |   |
|                                    |           | W-PCL-TQ-R                                                                   | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |            | X                             | W-CT-CL-R    |                 |                     |                 |                       |              |   |   |
| Phytoplankton                      |           | DTY-QN-C                                                                     |                                             | PKD-QN-BV  |                               |              | Ice             |                     |                 |                       |              |   |   |

Date of Request: 20-AUG-2021  
 Created By: BOMAN\_L On: 20-AUG-2021  
 Modified By: JASROTIA\_P On: 25-AUG-2021  
 Customer: CEN-DIST  
 Project: SMP  
 Division:  
 District: Central District  
 Event Description: Dead River

**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: 24-AUG-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 25-AUG-2021  
 Sampling Kit Required: YES Ship on: 27-AUG-2021  
 Sampling Kit Shipped: YES On: 26-AUG-2021  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 06-SEP-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 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-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: BG-500ML FILL TO     | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| W-CT-CI-R                         | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization            |
| W-PCL-TQ-R                        | Template:            | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS                 |
| 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                     |

---

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

Bottle Type: BG-1L      Number of Bottles: 4      Preserved With: ICE  
W-PSNP-TQ      Template: DEFAULT      (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

---

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