

# Login Checklist

RQ- 2023-12-09-33

Login Station ID: #1

Shipping Method: ~~FedEx~~ | UPS | HD | Greyhound

Date/Time of Receipt: 12/ 21 /23 @ 9:37

| *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 |                    |
| 0.9                 |                 |                                        |          | 3                                     |               | ✓  |          |    | 6484 8460 6216     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: HK

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: HK

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

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

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

Coolers Unpacked/Checked by: HK

Date: 12/ 21 /23

Event contains NCRs (Y/N)? N

EventID: Thomas Creek Deploy  
NE-DIST-2023-12-21-01 (SMP)

Date Received: 21-DEC-2023 09:37

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

|                          |                                 |
|--------------------------|---------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #1   Exp:10/16/2024 |
| pH Test Strips 0 – 6     | Lot# 223819BV   Exp:8/15/24     |
| pH Paper 0 – 3           |                                 |
| pH Paper 0 – 13          | Lot# 207621   Exp:3/15/24       |
| Chlorine Test Strips     | Lot# 1196   Exp:2/24            |

### Additional Comments:

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 12/20/2023      **Collected By:** Jeremy Parrish, Haylee Brown  
**Customer:** NE-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2023-12-04-33      **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                                                                                |
|--------------------------------------|------------------------------------------------------------------------------------------------|
| THOMAS CREEK 5 MILES DOWN FROM ETHEL | <br>G4NE0298 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/20/2023  
1630 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *HK*

Rec'd/Inspected

Date: 12-21-23 / 0937



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-12-04-33                                                                                                                              | <b>Collected By:</b> Jeremy Parrish, Haylee Brown                         |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jeremy Parrish, Haylee Brown             |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4NE0298 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** THOMAS CREEK 5 MILES DOWN FROM ETHEL

**Matrix:** Fresh

(Check One)

☒ **Grab**

☐ **Composite**

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 12/20/2023 1040     | 6.31      | 58.8      | 12.1     | 6.06 | 0.3              | 0.7          | 4.41            | 82.9                | 0.04            |

| 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*    | 1                     | A            |   |
|                                    |                                   | Lot #                                                                       |                                          | Sa3193140                     | Exp:         | 07/31/2024 |          |           |                       |              |   |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                     |                                          | W-ICP                         |              | Ice        |          | HNO3*     | <2                    |              |   |
|                                    |                                   | Lot #                                                                       |                                          | Exp:                          |              |            |          |           |                       |              |   |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                     |                                          | Field Filtered 0.45 um Filter |              |            | Ice      |           |                       |              |   |
|                                    |                                   | Filter Lot #                                                                |                                          | Syringe Lot #                 |              |            |          |           |                       |              |   |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                  |                                          |                               |              | Ice        |          |           |                       |              |   |
| Chlorophyll (BP-1L)                | X                                 | CHLSUITE-W                                                                  |                                          |                               | x            | Ice        |          |           | 1                     | A            |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               | x            | Ice        |          |           | 1                     | A            |   |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |                               |              | Ice        |          |           |                       |              |   |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                  | Formalin Lot #                           |                               |              | Formalin   |          |           |                       |              |   |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                    |                                          |                               |              | Ice        |          |           |                       |              |   |
| Microbiology (Contract Lab Bottle) |                                   | E Coli                                                                      | F Coli                                   | X                             | Enterococci  | x          | Ice      |           |                       | 1            | A |
|                                    | X                                 | Contract Lab                                                                |                                          |                               |              |            |          |           |                       |              |   |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                   | PCR-BacR                                 |                               | PCR-DG3      |            | Ice      |           |                       |              |   |
|                                    |                                   | PCR-GULL2                                                                   | PCR-GFD                                  |                               |              |            |          |           |                       |              |   |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                  | W-E8321-MS                               |                               |              | Ice        |          |           |                       |              |   |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                  | W-E8321-MS                               | W-PSNP-TQ                     |              |            | Ice      | MCAA Exp. | MCAA Lot#             |              |   |
|                                    |                                   | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R    |            |          |           |                       |              |   |
|                                    |                                   | W-TR-SQ-R                                                                   | W-PCB-TQ-R                               |                               |              |            |          |           |                       |              |   |
| Phytoplankton (BP-1L)              |                                   | DTY-QN-C                                                                    | PKD-QN-BV                                |                               |              | Ice        |          |           |                       |              |   |
| DOC (P-500ML)                      |                                   | W-DOC                                                                       | Field Filtered 0.45 um Filter            |                               |              | Ice        |          | H2SO4*    | <2                    |              |   |
|                                    | Acid Preservative Expiration Date |                                                                             |                                          |                               |              |            |          |           |                       |              |   |
|                                    | Acid Preservative Lot Number      |                                                                             |                                          |                               |              |            |          |           |                       |              |   |



**Project Number:**  
(Lab Use Only)

3653 Regent Boulevard, Suite # 509  
Jacksonville, FL 32224  
P. (904) 807-9625 E. [info@delilab.com](mailto:info@delilab.com)  
F. (904) 807-9627

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[illegible]

Visit us online & order kits at: [www.delijab.com](http://www.delijab.com)

Date of Request: 02-NOV-2023  
 Created By: PARRISH\_J On: 02-NOV-2023  
 Modified By: JASROTIA\_P On: 16-NOV-2023  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: Thomas Creek Deploy

**Send Coolers To:**

Phone: 904-256-1693  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Cooler Ship EMail: Jeremy.M.Parrish@floridadep.gov

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 16-NOV-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 16-NOV-2023  
 Sampling Kit Required: YES Ship on: 29-NOV-2023  
 Sampling Kit Shipped: YES On: 21-NOV-2023  
 Sampling Kit Packed By: KREUCH\_B  
 Preservatives Needed: YES  
 Date to Receive Samples: 04-DEC-2023  
 Logged In By: KREUCH\_B On: 07-DEC-2023

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Report Notification EMail: Jeremy.M.Parrish@floridadep.gov

Comments: Group A: (Surf-Salt) Nutrients, Bacteria  
 (G4NE0298)  
 Group B: (Surf-Salt) Pesticides, Metals, Bacteria  
 (G4NE0008)  
 Group C: (Surf.Salt) Bacteria

**Packing Notes:**

None

Pesticides\*\*\*\*\*Carbamate\*\*\*\*\*

Add preserve\*\*\*\*\*MCAA buffer\*\*\*\*\*

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

|                             |                      |                                                                                                         |
|-----------------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                              |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                       |
| W-COLOR                     | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                      |
| Color (true)                |                      |                                                                                                         |
| W-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry   |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| NE-DIV-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville  |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                  |

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

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| 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-2014) Nonpurgeable Organic Carbon in aqueous matrices    |

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

|                               |                      |                                                                                                                                                |
|-------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML         | 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                                                             |
| W-TR-SQ-R                     | Template: DEFAULT    | (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM                                                         |
| Bottle Type: P-250ML-WI-THI   | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| NE-DIV-ENQ                    | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville                                         |
| Bottle Type: BG-500ML         | Number of Bottles: 1 | Preserved With: CH2ClCOOH and Ice                                                                                                              |
| W-CARB-AA                     | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                                                         |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                                                                            |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization                                                |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                                                                 |
| W-PCL-TQ-R                    | Template: DEFAULT    | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS                                                   |
| Bottle Type: BG-500ML         | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                    | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS                    | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML          | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                        | Template: DEFAULT    | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                          |
| Hardness                      |                      |                                                                                                                                                |
| W-ICP                         | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                       |                      |                                                                                                                                                |
| Iron                          |                      |                                                                                                                                                |
| Magnesium                     |                      |                                                                                                                                                |
| Potassium                     |                      |                                                                                                                                                |
| Sodium                        |                      |                                                                                                                                                |
| Strontium                     |                      |                                                                                                                                                |
| Tin                           |                      |                                                                                                                                                |
| Titanium                      |                      |                                                                                                                                                |
| Vanadium                      |                      |                                                                                                                                                |
| 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                    |

\*Strontium  
Aluminum  
Antimony  
Arsenic  
Barium  
Beryllium  
Boron  
Cadmium  
Chromium  
Cobalt  
Copper  
Lead  
Manganese  
Molybdenum  
Nickel  
Selenium  
Silver  
Thallium

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

|                             |                      |                     |
|-----------------------------|----------------------|---------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE |
|-----------------------------|----------------------|---------------------|

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

Bottle Type: P-250ML-WI-THI      Number of Bottles: 1      Preserved With: ICE  
NE-DIV-ENQ      Template: DEFAULT      (Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in  
Jacksonville

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