RQ-2021-08-09-63

# Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 8/6/2021 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 | $HNO_3$ | Formalin | | Yes | No | Yes | No | |
| 1.1 | | | | 4 | | ✓ | | | 929380142421 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**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: IM

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: IM

**W-1-4-DIOX *(Green dot on container)* preserved to pH<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:** 8/6/2021 **Event contains NCRs (Y/N)?** N

**Event ID:** _____ SMP LVI - Robert Lake
NW-DIST-2021-08-06-01 (SMP)
Date Received: 06-AUG-2021 09:40

# Login Checklist

| Login Preservation Equipment | Lot # & Exp: Date |
|---|---|
| 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 |

**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#** _____

**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:** 8/5/2021
**Customer:** NW-DIST
**RQ:** RQ-2021-08-09-63
**Collected By:** Frank Butera, Christopher Stopher Slade
**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 |
|---|---|
| Roberts Lake | G3NW0447 |

**RELINQUISHED BY(SIGNATURE):** Scott Slade

**DATE/TIME:** 8/5/2021 1630 CEN

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** IM **Rec'd/Inspected Date:** 8/6/21

| | |
|---|---|
| RQ-2021-08-09-63 | **Collected By**: Frank Butera, Christopher Stopher Slade |
| **Customer**: FDEP | **Field Report Prepared by**: Frank Butera, Christopher Stopher Slade |
| **Project ID**: SMP | **Sampling Agency**: FDEP |
| **WIN ID/Field ID:** **WIN ID/Field ID:** G3NW0447 | **Comments:** |

**Location:**
**Location**: Roberts Lake

Matrix: Fresh | (Check One) ✓Grab ☐ Composite

| Date and Time {CEN} | DO (mg/L) | DO (%SAT) | Temp. © | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh |
|---|---|---|---|---|---|---|---|---|---|
| 8/5/2021 1300 | 7 | 88.3 | 27.3 | 4.82 | 0.3 | 2.5 | 2.5 | 21.3 | 0.01 |

| 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<br>Lot # 353110 Exp: | X Ice X H2SO4*<br>1/11t22 | X <2 | 1 | A |
| Metals (P-500ML) | W-ICPMS W-ICP W-HARD<br>Lot # Exp: | Ice HNO3* | <2 | | |
| Filtered Nutrients (P125ML) | X W-PO4-F X Field Filtered 0.45 um Filter<br>Filter Lot # 17236199<br>Syringe Lot # 1005533 | X Ice | | 1 | A |
| 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 Enterococci<br>Contract Lab | Ice | | | |
| Molecular (QPCR-P-500ML) | PCR-HF183 PCR-BacR PCR-DG3<br>PCR-GULL2 PCR-GFD | Ice | | | |
| Tracers (BG-500ML) | W-E8321-DI W-E8321-MS | Ice | | | |
| Pesticides (BG-500ML) (BG-1L) | W-E8321-DI W-E8321-MS W-PSNP-TQ<br>W-PCL-TQ-R W-CARB-AA ( 5 ml of MCAA** Buffer Solution) W-CT-CL-R | Ice | | | |
| Phytoplankton | DTY-QN-C PKD-QN-BV | Ice | | | |

# RQ-2021-08-09-63



Date of Request: 22-JUL-2021
Created By: KING_M On: 22-JUL-2021
Modified By: JASROTIA_P On: 22-JUL-2021
Customer: NW-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northwest District
Event Description: SMP LVI - Robert Lake

**Send Coolers To:**

Phone: 850-595-0605
160 Government Center
Suite 208
Pensacola, FL 32502-5794
Attn: Michael King
Cooler Ship EMail: michael.king@dep.state.fl.us

Priority: 3
Event Status: A
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 22-JUL-2021
Biology Request Reviewed By: JASROTIA_P On: 22-JUL-2021
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 09-AUG-2021
Logged In By:

**Send Final Report To:**

160 Government Center
Suite 208
Pensacola, FL 32502-5794
Attn: Myranda K Butler
Report Notification EMail:
Michael.King@dep.state.fl.us;Myranda.k.butler@floridaDEP.gov

Comments: Group A: (WBID 25A) Freshwater Nutrients, Metals

## 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 CaCO3/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 Color (true) | Template: DEFAULT | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring) |
| W-F | Template: DEFAULT | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices |
| W-TDS | Template: DEFAULT | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices |
| W-TSS | Template: DEFAULT | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample |

Bottle Type: BP-1L Number of Bottles: 1 Preserved With: ICE

| | | |
|---|---|---|
| CHLSUITE-W | Template: DEFAULT | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE And 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 |