# Login Checklist

RQ- 2021 - 04 - 12 - 78

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 04-16-2021 / 09:30

| *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 | |
| 3.8C | | | | 10 | | x | | | 9293 8011 1856 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**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 x No_____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes_____ No X

**CONTAINER CHECK**

Evidence Tape on Bottles? Yes ____ No ____ NA X

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken? Yes ____ No ____

Containers intact? Yes x No _____

Caps on tight? Yes X No ____

Sufficient Sample Volume: Yes x 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 X Init: ABS/

Chlorine detected? *(One container checked per Field ID)* Yes_____ No _____ Init: ABS/

**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 X No_____ NA _____ Init: ABS/

**W-1-4-DIOX *(Green dot on container)* preserved to pH<4.0? Yes_____ No_____ NA X Init: ABS/

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

**Coolers Unpacked/Checked by:** ABS/ **Date:** 04-16-2021 **Event contains NCRs (Y/N)?** N

**Event ID:** CEN - DIST - 2021 - 04 - 16 -0 /

# Login Checklist

| Login Preservation Equipment | Lot # & Exp: Date |
|---|---|
| Infrared Thermometer ID: | IRTG # 3 EXP:10/28/2021 |
| pH Test Strips 0 – 6 | 213316 BV EXP:05/15/21 |
| pH Paper 0 – 3 | N/A |
| pH Paper 0 – 13 | 231019 EXP:11/01/2021 |
| Chlorine Test Strips | 0261 2023 / 05 |

**Additional Comments:**

**ENCORE SAMPLES**

**S-VOC-MS samples in Encores must be frozen within 48 hours of collection.**

Were Encore samples received? Yes_____ Init: ABS

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:** 4/15/2021
**Customer:** CEN-DIST
**RQ:** RQ-2021-04-12-78
**Collected By:** Elizabeth Bates, Terry Riordan
**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 |
|---|---|
| Bird Lake Ditches 1.2mi W of 95 | G3CE0046 |
| Roberts Branch @ Curryville Rd | G3CE0011 |

**RELINQUISHED BY(SIGNATURE):**

**DATE/TIME:** 4/15/2021 1600

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** A.SHAIK

**Rec'd/Inspected Date:** 04-16-2021

| | |
|---|---|
| RQ-2021-04-12-78 | **Collected By**: Elizabeth Bates, Terry Riordan |
| **Customer**: FDEP | **Field Report Prepared by**: Elizabeth Bates, Terry Riordan |
| **Project ID**: SMP | **Sampling Agency**: FDEP |
| **WIN ID/Field ID:** **WIN ID/Field ID:** G3CE0046 | **Comments:** |
| **Location**: Bird Lake Ditches 1.2mi W of 95 | |
| Matrix: Fresh | (Check One) ✓Grab ☐ Composite |

| Date and Time | DO (mg/L) | DO (%SAT) | Temp. © | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh |
|---|---|---|---|---|---|---|---|---|---|
| 4/15/2021 1139 | 4.76 | 57 | 23.7 | 7.21 | 0.15 | 0.3 | 0.3 | 4653 | 2.49 |
| **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) | W-ICPMS W-ICP W-HARD | 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 # 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) | 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 | Ice | | | | |
| | W-PCL-SQ-R W-CARB-AA ( 5 ml of MCAA** Buffer Solution) W-CT-CL-R | | | | | |
| | W-DIELDRIN | | | | | |
| Phytoplankton | DTY-QN-C PKD-QN-BV | Ice | | | | |

| | |
|---|---|
| RQ-2021-04-12-78 | **Collected By**: Elizabeth Bates, Terry Riordan |
| **Customer**: FDEP | **Field Report Prepared by**: Elizabeth Bates, Terry Riordan |
| **Project ID**: SMP | **Sampling Agency**: FDEP |
| **WIN ID/Field ID:** | **Comments:** |
| **WIN ID/Field ID:** G3CE0011 | |
| **Location:** Roberts Branch @ Curryville Rd | |
| Matrix: Fresh | (Check One) ✓Grab ☐ Composite |

| Date and Time | DO (mg/L) | DO (%SAT) | Temp. © | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh |
|---|---|---|---|---|---|---|---|---|---|
| 4/15/2021 1247 | 3.83 | 43.4 | 21.5 | 5.79 | 0.15 | 0.3 | 0.3 | 101.7 | 0.05 |
| **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<br>Lot # SA0353110 Exp: 1/11/22 | X Ice X H2SO4* | <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 # 17135566<br>Syringe Lot # 79900 | 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 | Ice | | | |
| Periphyton (PT-50ML) | ALGAE-ID | Ice | | | |
| Microbiology (Contract Lab Bottle) | X E Coli F Coli Enterococci<br>Contract Lab | X Ice | | 1 | A |
| 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 W-DIELDRIN<br>W-PCL-SQ-R W-CARB-AA ( 5 ml of MCAA** Buffer Solution) W-CT-CL-R | Ice | | | |
| Phytoplankton | DTY-QN-C PKD-QN-BV | Ice | | | |

# RQ-2021-04-12-78

Printed: 4/16/2021 11:12:23



Date of Request: 15-APR-2021
Created By: AYALA_N On: 15-APR-2021
Modified By: JASROTIA_P On: 16-APR-2021
Customer: CEN-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Central District
Event Description: Bird Lake and Three Forks Marsh

**Send Coolers To:**

Phone: 407-897-4195
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: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 15-APR-2021
Biology Request Reviewed By: JASROTIA_P On: 16-APR-2021
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 15-APR-2021
Logged In By: SHAIK_A On: 16-APR-2021

**Send Final Report To:**

FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767
Attn: Leif Boman
Report Notification EMail: Leif.Boman@Floridadep.gov

Comments:

## Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L Number of Bottles: 2 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: 2 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: 2 Preserved With: ICE

| | | |
|---|---|---|
| ECOLI-18QT | Template: DEFAULT | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |

Bottle Type: P-500ML Number of Bottles: 2 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: 2 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 |