# Login Checklist

RQ- 2021 - 08 - 02 - 67 Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 08-18-2021 / 10:20:

| *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 | |
| 3.1C | | | | 4 | | X | | | 9293 8014 6070 |
| | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |

**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 / ABS **Date:** 08-18-2021 **Event contains NCRs (Y/N)?** N

**Event ID:** CEN - DIST - ~~2021~~ XXXX - 2021 08 - 18 - 01

# Login Checklist

| Login Preservation Equipment | Lot # & Exp: Date |
|---|---|
| Infrared Thermometer ID: | IRTG # 3 EXP:10/28/2021 |
| pH Test Strips 0 – 6 | Lot # 232518V EXP:NOV 30 2021 |
| pH Paper 0 – 3 | N/A |
| pH Paper 0 – 13 | Lot # 231019 EXP:NOV 1 2022 |
| 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:** 8/16/2021
**Customer:** CEN-DIST
**RQ:** RQ-2021-08-02-67

**Collected By:** Katie March, Elizabeth Bates
**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 Ingram East | G4CE0155 |

**RELINQUISHED BY(SIGNATURE):** Kmarch

**DATE/TIME:** 8/16/2021 1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** A.SHAIK
**Rec'd/Inspected Date:** 08-18-2021

SAN 8/18/21 @ 11.05 am 1 sample Turbidity/Color

| | |
|---|---|
| RQ-2021-08-02-67 | **Collected By:** Katie March, Elizabeth Bates |
| **Customer:** FDEP | **Field Report Prepared by:** Katie March, Elizabeth Bates |
| **Project ID:** SMP | **Sampling Agency:** FDEP |
| **WIN ID/Field ID:** **WIN ID/Field ID:** G4CE0155 | **Comments:** |

**Location:**
**Location:** Lake Ingram East

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 |
|---|---|---|---|---|---|---|---|---|---|
| 8/16/2021 1124 | 6.04 | 79 | 29.3 | 6.53 | 0.3 | 1.7 | 2.3 | 60.7 | 0.03 |

| 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 # SA1105060 Exp: 4/30/2022 | X Ice X H2SO4* | 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 # 17135566<br>Syringe Lot # 1091364 | 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-CAR8-AA ( 5 ml of MCAA** Buffer Solution) W-CT-CL-R | Ice | | | | |
| Phytoplankton | DTY-QN-C PKD-QN-BV | Ice | | | | |

# RQ-2021-08-02-67



| | |
|---|---|
| Date of Request: | 20-JUL-2021 |
| Created By: | BEARDEN_M On: 20-JUL-2021 |
| Modified By: | JASROTIA_P On: 20-JUL-2021 |
| Customer: | CEN-DIST |
| Project: | SMP |
| Division: | Division of Environmental Assessment and Restoration |
| District: | Central District |
| Event Description: | Lotus and Ingram - WBIDs 3004M & 3170L |

**Send Coolers To:**

Phone: 407-897-4123
FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767
Attn: Matthew Bearden
Cooler Ship EMail: matthew.bearden@floridadep.gov

| | |
|---|---|
| Priority: | 3 |
| Event Status: | R |
| Criminal Investigation: | NO |
| Chemistry Request Reviewed By: | WATTS_J On: 20-JUL-2021 |
| Biology Request Reviewed By: | JASROTIA_P On: 20-JUL-2021 |
| Sampling Kit Required: | YES Ship on: 23-JUL-2021 |
| Sampling Kit Shipped: | YES On: 21-JUL-2021 |
| Sampling Kit Packed By: | MCCOY_I |
| Preservatives Needed: | NO |
| Date to Receive Samples: | 06-AUG-2021 |
| Logged In By: | SHAIK_A On: 18-AUG-2021 |

**Send Final Report To:**

FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767
Attn: Matthew Bearden
Report Notification EMail: matthew.bearden@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-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 |