

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 10/16/2023  
**Customer:** SE-DIST  
**RQ:** RQ-2023-10-09-60

**Collected By:** Andrew Luering, Jordan Skaggs  
**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 SIRENA NEAR CENTER | <br>G4SE0178 |

RELINQUISHED BY(SIGNATURE):



**DATE/TIME:** 10/16/2023  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected  
Date:**



|                                                             |                                                                |
|-------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2023-10-09-60                                            | <b>Collected By:</b> Andrew Luering, Jordan Skaggs             |
| <b>Customer:</b> FDEP                                       | <b>Field Report Prepared by:</b> Andrew Luering, Jordan Skaggs |
| <b>Project ID:</b> SMP                                      | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b><br><b>WIN ID/Field ID:</b> G4SE0178 | <b>Comments:</b>                                               |

**Location:** LAKE SIRENA NEAR CENTER

**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 (PPT)        |              |    |     |   |   |
|------------------------------------|-------------------|----------------------------------------------------------------------------|-----------------------------------|------------------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|-----|---|---|
| 10/16/2023<br>1130                 | 7.29              | 91.8                                                                       | 27.1                              | 6.78                                     | 0.3              | 3.4          | 13.1            | 136.9               | 0.06                  |              |    |     |   |   |
| 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 #                                                                      | SA3193140                         |                                          | Exp:             | 07/31/2024   |                 |                     |                       |              |    |     |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                    | X                                 | W-ICP                                    | X                | W-HARD       | X               | Ice                 | X                     | HNO3*        | X  | <2  | 1 | A |
|                                    |                   | Lot #                                                                      | NA3123030                         |                                          | Exp:             | 05/10/2024   |                 |                     |                       |              |    |     |   |   |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                    | X                                 | Field Filtered 0.45 µm Filter            |                  | X            | Ice             |                     |                       | 1            | A  |     |   |   |
|                                    |                   | Filter Lot #                                                               | 17866251                          | Syringe Lot #                            | 2298556          |              |                 |                     |                       |              |    |     |   |   |
| 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-CHC / 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                                   |                  | Enterococci  |                 |                     |                       |              |    | Ice |   |   |
|                                    |                   | 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)      | X                 | W-E8321-DI                                                                 | X                                 | W-E8321-MS                               | X                | W-PSNP-TQ    | X               | Ice                 | MCAA Exp.             | MCAA Lot#    | 5  | A   |   |   |
|                                    |                   | W-PCL-TQ-R                                                                 |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |                  | W-CT-CL-R    |                 |                     |                       |              |    |     |   |   |
|                                    | X                 | 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 µm Filter            |                  |              | Ice             |                     | H2SO4*                |              | <2 |     |   |   |
|                                    |                   |                                                                            | Acid Preservative Expiration Date |                                          |                  |              |                 |                     |                       |              |    |     |   |   |
|                                    |                   |                                                                            | Acid Preservative Lot Number      |                                          |                  |              |                 |                     |                       |              |    |     |   |   |