

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 4/13/2023  
**Customer:** \_\_\_\_\_  
**RQ:** RQ-2023-04-10-30

**Collected By:** Charlie Hoey, Tirzah Chichester  
**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                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------|
| BUCK LAKE NEAR CENTER       | <br>G4SE0167 |
| LAKE CREWS NORTHERN SECTION | <br>G4SE0168 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/13/2023  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

Rec'd/Inspected  
Date:



|                                                                                                                                               |                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| RQ-2023-04-10-30                                                                                                                              | <b>Collected By:</b> Charlie Hoey, Tirzah Chichester             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Charlie Hoey, Tirzah Chichester |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                     |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SE0167 | <b>Comments:</b>                                                 |

**Location:** BUCK LAKE 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)        |              |    |   |  |
|------------------------------------|-----------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|---|--|
| 4/13/2023<br>925                   | 8.44                              | 100.3                                                                      | 23.9                                     | 7.31                          | 0.3              | 7            | 16.7            | 317                 | 0.15                  |              |    |   |  |
| 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 #                                                                      |                                          | SA2299040                     | Exp:             | 11/04/2023   |                 |                     |                       |              |    |   |  |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                    |                                          | W-ICP                         | W-HARD           |              | Ice             |                     | HNO3*                 |              | <2 |   |  |
|                                    |                                   | Lot #                                                                      |                                          | Exp:                          |                  |              |                 |                     |                       |              |    |   |  |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                    |                                          | Field Filtered 0.45 µm 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-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)      |                                   | 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                      |                                   | DTY-QN-C                                                                   | PKD-QN-BV                                |                               |                  |              | Ice             |                     |                       |              |    |   |  |
| DOC                                |                                   | W-DOC                                                                      | Field Filtered 0.45 µm Filter            |                               |                  | Ice          |                 | H2SO4*              |                       | <2           |    |   |  |
|                                    | Acid Preservative Expiration Date |                                                                            |                                          |                               |                  |              |                 |                     |                       |              |    |   |  |
|                                    | Acid Preservative Lot Number      |                                                                            |                                          |                               |                  |              |                 |                     |                       |              |    |   |  |



|                                                                                                                                               |                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| RQ-2023-04-10-30                                                                                                                              | <b>Collected By:</b> Charlie Hoey, Tirzah Chichester             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Charlie Hoey, Tirzah Chichester |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                     |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SE0168 | <b>Comments:</b>                                                 |

**Location:** LAKE CREWS NORTHERN SECTION

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)        |              |   |    |   |   |
|------------------------------------|-------------------|----------------------------------------------------------------------------|-----------------------------------|------------------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|----|---|---|
| 4/13/2023<br>1025                  | 8.15              | 95.6                                                                       | 23.3                              | 6.26                                     | 0.3              | 0.6          | 1.7             | 77.8                | 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*              | X                     | <2           | 1 | B  |   |   |
|                                    |                   | Lot #                                                                      | SA2299040                         |                                          | Exp:             | 11/04/2023   |                 |                     |                       |              |   |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                    | X                                 | W-ICP                                    | X                | W-HARD       | X               | Ice                 | X                     | HNO3*        | X | <2 | 1 | B |
|                                    |                   | Lot #                                                                      | NA2230040                         |                                          | Exp:             | 09/01/2023   |                 |                     |                       |              |   |    |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                    |                                   | Field Filtered 0.45 µm Filter            |                  |              | Ice             |                     |                       |              |   |    |   |   |
|                                    |                   | Filter Lot #                                                               |                                   | Syringe Lot #                            |                  |              |                 |                     |                       |              |   |    |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                 |                                   |                                          |                  |              | Ice             |                     |                       |              |   |    |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                 |                                   |                                          |                  | X            | Ice             |                     |                       | 1            | B |    |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                          |                  | X            | Ice             |                     |                       | 1            | B |    |   |   |
| 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)      |                   | 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                      |                   | DTY-QN-C                                                                   |                                   | PKD-QN-BV                                |                  |              | Ice             |                     |                       |              |   |    |   |   |
| DOC                                |                   | W-DOC                                                                      |                                   | Field Filtered 0.45 µm Filter            |                  | Ice          |                 | H2SO 4*             |                       | <2           |   |    |   |   |
|                                    |                   |                                                                            | Acid Preservative Expiration Date |                                          |                  |              |                 |                     |                       |              |   |    |   |   |
|                                    |                   |                                                                            | Acid Preservative Lot Number      |                                          |                  |              |                 |                     |                       |              |   |    |   |   |