

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 2/15/2024  
**Customer:** SO-DIST  
**RQ:** RQ-2024-02-05-56

**Collected By:** Samantha Gelinas, Emily Atkinson  
**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                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------|
| HATCHETT CREEK TIDAL 1   | <br>G3SD0191 |
| BUD SLOUGH SUGAR BOWL RD | <br>G3SD0244 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 2/15/2024  
1500 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

Rec'd/Inspected  
Date:

|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| RQ-2024-02-05-56       | <b>Collected By:</b> Samantha Gelinas, Emily Atkinson             |
| <b>Customer:</b> FDEP  | <b>Field Report Prepared by:</b> Samantha Gelinas, Emily Atkinson |
| <b>Project ID:</b> SMP | <b>Sampling Agency:</b> FDEP                                      |

|                                                                                                                                               |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0191 | <b>Comments:</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|

**Location:** HATCHETT CREEK TIDAL 1

|                |                                                                                         |
|----------------|-----------------------------------------------------------------------------------------|
| Matrix: Marine | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite |
|----------------|-----------------------------------------------------------------------------------------|

| Date and Time<br>{EST} | DO<br>(mg/L) | DO<br>(%SAT) | Temp. °C | pH   | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPT <sub>h</sub> ) |
|------------------------|--------------|--------------|----------|------|---------------------|-----------------|-----------------------|------------------------|---------------------------------|
| 2/15/2024<br>1005      | 7.12         | 93.5         | 19.3     | 7.36 | 0.3                 | 1.5             | 1.5                   | 48350                  | 31.64                           |

| 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)                   |                                   | W-ICPMS                                                                      |           |                | W-ICP                                    |      |      | W-HARD      |              |          | Ice |           | HNO3*     |                       |              | <2 |   |  |
|                                    | Lot #                             |                                                                              |           |                |                                          |      | Exp: |             |              |          |     |           |           |                       |              |    |   |  |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                      |           |                | Field Filtered 0.45 um 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-Cl-IC / 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 (BP-1L)              |                                   | DTY-QN-C                                                                     |           |                | PKD-QN-BV                                |      |      |             |              | Ice      |     |           |           |                       |              |    |   |  |
| DOC (P-500ML)                      |                                   | W-DOC                                                                        |           |                | Field Filtered 0.45 um Filter            |      |      |             |              | Ice      |     | H2SO4*    |           | <2                    |              |    |   |  |
|                                    | Acid Preservative Expiration Date |                                                                              |           |                |                                          |      |      |             |              |          |     |           |           |                       |              |    |   |  |
|                                    | Acid Preservative Lot Number      |                                                                              |           |                |                                          |      |      |             |              |          |     |           |           |                       |              |    |   |  |



|                                                                                                                                               |                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| RQ-2024-02-05-56                                                                                                                              | <b>Collected By:</b> Samantha Gelinas, Emily Atkinson             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Samantha Gelinas, Emily Atkinson |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                      |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0244 | <b>Comments:</b>                                                  |

**Location:** BUD SLOUGH SUGAR BOWL RD

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)        |              |    |   |  |
|------------------------------------|-----------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|---|--|
| 2/15/2024<br>1135                  | 3.43                              | 36.5                                                                       | 17.8                                     | 7.61                          | 0.3              | 1            | 1               | 551                 | 0.27                  |              |    |   |  |
| 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)                   |                                   | 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 (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      |                                                                            |                                          |                               |                  |              |                 |                     |                       |              |    |   |  |