

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 3/30/2022  
**Customer:** SO-DIST  
**RQ:** RQ-2022-04-04-42  
**Collected By:** Thomas Baker, William Mullen  
**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

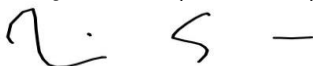
**Number of Coolers Shipped:** 2

**Delivery Method:** FedEx

**FIELD ID (Labels) submitted under this RQ for this collection date.**

| Site Location                     | Field ID/WIN ID                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------|
| DRAINAGE DITCH @ CR 850           | <br>G1SD0061   |
| TownsendCanalatChurchRd           | <br>G3SD0221   |
| C-139 Annex @ Deer Fence Canal Rd | <br>G1SD0076 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 3/30/2022

1500 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected**

**Date:**



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-04-04-42                                                                                                                              | <b>Collected By:</b> Thomas Baker, William Mullen                         |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Thomas Baker, William Mullen             |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G1SD0061 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:**  
**Location:** DRAINAGE DITCH @ CR 850

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                 | Temp. ©       | pH                                          | Sample<br>Depth<br>(m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPTH |                          |     |                 |   |       |     |  |  |
|------------------------------------|--------------|------------------------------------------------------------------------------|---------------|---------------------------------------------|------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|-----|-----------------|---|-------|-----|--|--|
| 3/30/2022<br>825                   | 5.98         | 69.4                                                                         | 20.8          | 7.51                                        | 0.1                    | 0.2             | 0.2                   | 499.8                     | 0.24              |                          |     |                 |   |       |     |  |  |
| Parameter Suite                    |              | Parameter Methods                                                            |               |                                             |                        | Preservation    |                       | pH<br>Check               |                   | # Bottles<br>sent to Lab |     | Bottle<br>Group |   |       |     |  |  |
| Preserved Nutrients (P-500ML)      |              | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |               |                                             |                        | Ice             |                       | H2SO4*                    |                   |                          | <2  |                 |   |       |     |  |  |
|                                    |              | Lot #                                                                        |               |                                             |                        | Exp:            |                       |                           |                   |                          |     |                 |   |       |     |  |  |
| Metals (P-500ML)                   |              | X                                                                            | W-ICPMS       |                                             | X                      | W-ICP           |                       | X                         | W-HARD            |                          | X   | Ice             | X | HNO3* |     |  |  |
|                                    |              | Lot #                                                                        |               | NA1105100                                   |                        | Exp:            |                       | 06/07/22                  |                   | X                        | <2  | 1               | A |       |     |  |  |
| 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)                |              | CHLSUITE-W                                                                   |               |                                             |                        | Ice             |                       |                           |                   |                          |     |                 |   |       |     |  |  |
| Physical/Aggregate (Fresh) (P-1L)  |              | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |               |                                             |                        | Ice             |                       |                           |                   |                          |     |                 |   |       |     |  |  |
| 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) |              | X                                                                            | E Coli        |                                             | F Coli                 |                 | Enterococci           |                           |                   |                          |     |                 |   | x     | Ice |  |  |
|                                    |              | X                                                                            | Contract Lab  |                                             |                        |                 |                       |                           |                   |                          |     |                 |   |       |     |  |  |
| Molecular (QPCR-P-500ML)           |              | X                                                                            | PCR-HF183     |                                             | X                      | PCR-BacR        |                       | X                         | PCR-DG3           |                          | x   | Ice             |   |       |     |  |  |
|                                    |              |                                                                              | PCR-GULL2     |                                             | PCR-GFD                |                 |                       |                           |                   |                          |     |                 |   |       |     |  |  |
| Tracers (BG-500ML)                 |              | X                                                                            | W-E8321-DI    |                                             | X                      | W-E8321-MS      |                       |                           |                   | x                        | Ice |                 |   |       |     |  |  |
| Pesticides (BG-500ML) (BG-1L)      |              | W-E8321-DI                                                                   |               | W-E8321-MS                                  |                        | W-PSNP-TQ       |                       | Ice                       | MCAA<br>Exp.      | MCAA<br>Lot#             |     |                 |   |       |     |  |  |
|                                    |              | W-PCL-TQ-R                                                                   |               | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                        | W-CT-CL-R       |                       |                           |                   |                          |     |                 |   |       |     |  |  |
|                                    |              | W-TR-SQ-R                                                                    |               | W-PCB-TQ-R                                  |                        |                 |                       |                           |                   |                          |     |                 |   |       |     |  |  |
| Phytoplankton                      |              | DTY-QN-C                                                                     |               | PKD-QN-BV                                   |                        |                 |                       | Ice                       |                   |                          |     |                 |   |       |     |  |  |



|                                                                                                                                               |                                                                           |
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| RQ-2022-04-04-42                                                                                                                              | <b>Collected By:</b> Thomas Baker, William Mullen                         |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Thomas Baker, William Mullen             |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0221 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:****Location:** TownsendCanalatChurchRd

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                 | Temp. ©       | pH                            | Sample<br>Depth<br>(m)                      | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPTH |                          |                 |              |              |     |   |
|------------------------------------|--------------|------------------------------------------------------------------------------|---------------|-------------------------------|---------------------------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|-----------------|--------------|--------------|-----|---|
| 3/30/2022<br>850                   | 1.66         | 19.5                                                                         | 22            | 7.43                          | 0.3                                         | 0.5             | 0.7                   | 581                       | 0.28              |                          |                 |              |              |     |   |
| Parameter Suite                    |              | Parameter Methods                                                            |               |                               |                                             | Preservation    |                       | pH<br>Check               |                   | # Bottles<br>sent to Lab | Bottle<br>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 #        |                                                                              | SA1105060     |                               | Exp:                                        |                 | 04/30/22              |                           |                   |                          |                 |              |              |     |   |
| Metals (P-500ML)                   |              | W-ICPMS                                                                      |               | W-ICP                         |                                             |                 | 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                   |                           |                   |                          |                 |              |              |     |   |
| Physical/Aggregate (Fresh) (P-1L)  | X            | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |               |                               |                                             | X               | Ice                   |                           |                   |                          |                 |              |              |     |   |
| 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) | X            | E Coli                                                                       |               | F Coli                        |                                             |                 | Enterococci           | X                         |                   |                          |                 |              |              | Ice |   |
|                                    | X            | 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<br>Exp. | MCAA<br>Lot# | 10  | B |
|                                    | X            | W-PCL-TQ-R                                                                   |               | X                             | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                 | X                     | W-CT-CL-R                 |                   |                          |                 | 02/04/23     | 128343       |     |   |
|                                    | X            | W-TR-SQ-R                                                                    |               | X                             | W-PCB-TQ-R                                  |                 |                       |                           |                   |                          |                 |              |              |     |   |
| Phytoplankton                      |              | DTY-QN-C                                                                     |               |                               | PKD-QN-BV                                   |                 |                       |                           | Ice               |                          |                 |              |              |     |   |

|                                                                                                                                               |                                                                           |
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| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G1SD0076 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |
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**Location:** C-139 Annex @ Deer Fence Canal Rd

(Check One)    ☒ Grab    ☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)      | Temp. ©                                                                      | pH        | Sample<br>Depth<br>(m) | Secchi<br>Depth                             | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPT <sub>h</sub> |                          |                 |              |    |  |          |     |   |   |
|------------------------------------|--------------|-------------------|------------------------------------------------------------------------------|-----------|------------------------|---------------------------------------------|-----------------------|---------------------------|-------------------------------|--------------------------|-----------------|--------------|----|--|----------|-----|---|---|
| 3/30/2022<br>1015                  | 5.18         | 59.9              | 22.3                                                                         | 7.6       | 0.2                    | 0.4                                         | 0.4                   | 585                       | 0.28                          |                          |                 |              |    |  |          |     |   |   |
| Parameter Suite                    |              | Parameter Methods |                                                                              |           |                        | Preservation                                |                       | pH<br>Check               |                               | # Bottles<br>sent to Lab | Bottle<br>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            | C  |  |          |     |   |   |
|                                    |              | Lot #             |                                                                              | SA1105060 |                        | Exp:                                        |                       | 04/30/22                  |                               |                          |                 |              |    |  |          |     |   |   |
| Metals (P-500ML)                   |              |                   | W-ICPMS                                                                      |           |                        | W-ICP                                       |                       |                           | 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        | C   |   |   |
| Physical/Aggregate (Fresh) (P-1L)  |              | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS |           |                        |                                             | X                     | Ice                       |                               |                          |                 |              |    |  | 1        | C   |   |   |
| 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) |              | X                 | E Coli                                                                       |           |                        | F Coli                                      |                       |                           | Enterococci                   |                          |                 |              |    |  | X        | Ice | 1 | C |
|                                    |              | X                 | 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<br>Exp.    | MCAA<br>Lot# |    |  |          |     |   |   |
|                                    |              |                   | W-PCL-TQ-R                                                                   |           |                        | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                       |                           | W-CT-CL-R                     |                          |                 |              |    |  |          |     |   |   |
|                                    |              | W-TR-SQ-R         |                                                                              |           |                        | W-PCB-TQ-R                                  |                       |                           |                               |                          |                 |              |    |  |          |     |   |   |
| Phytoplankton                      |              |                   | DTY-QN-C                                                                     |           |                        | PKD-QN-BV                                   |                       |                           |                               | Ice                      |                 |              |    |  |          |     |   |   |