

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 4/13/2022      **Collected By:** Nicole Reistad, Thomas Baker  
**Customer:** SO-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2022-04-11-34      **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                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------|
| BootheelCreekEastBranch  | <br>G4SD0105   |
| Gator Slough At US27     | <br>G4SD0214   |
| JohnHenrySlough AtCR7321 | <br>G4SD0215 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/13/2022

1400 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected**

**Date:**



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-04-11-34                                                                                                                              | <b>Collected By:</b> Nicole Reistad, Thomas Baker                         |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nicole Reistad, Thomas Baker             |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SD0105 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:**  
**Location:** BootheelCreekEastBranch

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 |                          |              |                 |    |    |   |     |   |   |
|------------------------------------|--------------|-------------------|------------------------------------------------------------------------------|-----------|---------------------------------------------|-------------------------------|-----------------------|---------------------------|-------------------|--------------------------|--------------|-----------------|----|----|---|-----|---|---|
| 4/13/2022<br>905                   | 3.75         | 42.2              | 20.9                                                                         | 6.62      | 0.3                                         | 0.5                           | 0.5                   | 172.9                     | 0.08              |                          |              |                 |    |    |   |     |   |   |
| 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  | A |     |   |   |
|                                    |              | 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            |                 |    |    |   | A   |   |   |
| Physical/Aggregate (Fresh) (P-1L)  |              | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |           |                                             |                               | X                     | Ice                       |                   |                          | 1            |                 |    |    |   | A   |   |   |
| Physical/Aggregate (Marine) (P-1L) |              |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |           |                                             |                               |                       | Ice                       |                   |                          |              |                 |    |    |   |     |   |   |
| Macroinvertebrates (PJ-2L)         |              |                   | MI-FW-QLDC                                                                   |           | Formalin Lot #                              |                               |                       |                           | Formalin          |                          |              |                 |    |    |   |     |   |   |
| Periphyton (PT-50ML)               |              |                   | ALGAE-ID                                                                     |           |                                             |                               |                       | Ice                       |                   |                          |              |                 |    |    |   |     |   |   |
| Microbiology (Contract Lab Bottle) |              | X                 | E Coli                                                                       |           |                                             | F Coli                        |                       |                           | Enterococci       |                          | X            |                 |    |    |   | Ice | 1 | A |
|                                    |              | 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                      |              |                 |    |    |   |     |   |   |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-04-11-34                                                                                                                              | <b>Collected By:</b> Nicole Reistad, Thomas Baker                         |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nicole Reistad, Thomas Baker             |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SD0214 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:****Location:** Gator Slough At US27

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>(PPT) |                          |              |                 |    |    |   |   |   |  |
|------------------------------------|--------------|-------------------|------------------------------------------------------------------------------|-----------|---------------------------------------------|-------------------------------|-----------------------|---------------------------|-------------------|--------------------------|--------------|-----------------|----|----|---|---|---|--|
| 4/13/2022<br>945                   | 2.47         | 28.4              | 22.2                                                                         | 4.3       | 0.25                                        | 0.3                           | 0.5                   | 63.4                      | 0.03              |                          |              |                 |    |    |   |   |   |  |
| 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  | A |   |   |  |
|                                    |              | 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            |                 |    |    |   | A |   |  |
| Physical/Aggregate (Fresh) (P-1L)  |              | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |           |                                             |                               | X                     | Ice                       |                   |                          | 1            |                 |    |    |   | A |   |  |
| Physical/Aggregate (Marine) (P-1L) |              |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |           |                                             |                               |                       | Ice                       |                   |                          |              |                 |    |    |   |   |   |  |
| Macroinvertebrates (PJ-2L)         |              |                   | MI-FW-QLDC                                                                   |           | Formalin Lot #                              |                               |                       |                           | Formalin          |                          |              |                 |    |    |   |   |   |  |
| Periphyton (PT-50ML)               |              |                   | ALGAE-ID                                                                     |           |                                             |                               |                       | Ice                       |                   |                          |              |                 |    |    |   |   |   |  |
| Microbiology (Contract Lab Bottle) |              | X                 | E Coli                                                                       |           |                                             | F Coli                        |                       |                           | Enterococci       | x                        | Ice          |                 |    |    |   | 1 | A |  |
|                                    |              | 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                      |              |                 |    |    |   |   |   |  |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-04-11-34                                                                                                                              | <b>Collected By:</b> Nicole Reistad, Thomas Baker                         |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nicole Reistad, Thomas Baker             |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SD0215 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:****Location:** JohnHenrySlough AtCR7321

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. © | pH  | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH |
|---------------------|-----------|-----------|---------|-----|------------------|--------------|-----------------|---------------------|----------------|
| 4/13/2022 1010      | 4.66      | 50.9      | 19.2    | 6.3 | 0.1              | 0.2          | 0.2             | 2004                | 1.03           |

| Parameter Suite                    | Parameter Methods |                                                                              |                                          |                               | Preservation |          | pH Check  |           | # Bottles sent to Lab | Bottle Group |    |   |   |   |
|------------------------------------|-------------------|------------------------------------------------------------------------------|------------------------------------------|-------------------------------|--------------|----------|-----------|-----------|-----------------------|--------------|----|---|---|---|
| Preserved Nutrients (P-500ML)      | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                                          |                               | X            | Ice      | X         | H2SO4*    | X                     | <2           | 1  | A |   |   |
|                                    |                   | Lot #                                                                        |                                          | SA1105060                     | Exp:         | 04/30/22 |           |           |                       |              |    |   |   |   |
| 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-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |              | X        | Ice       |           |                       |              |    |   | 1 | A |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |                                          |                               |              |          | Ice       |           |                       |              |    |   |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   | Formalin Lot #                           |                               |              | Formalin |           |           |                       |              |    |   |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                                          |                               |              |          | Ice       |           |                       |              |    |   |   |   |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                       |                                          | F Coli                        | Enterococci  | X        | Ice       |           |                       |              |    |   | 1 | A |
|                                    | 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 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       |           |                       |              |    |   |   |   |

