

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 10/17/2023  
**Customer:** SO-DIST  
**RQ:** RQ-2023-10-16-39

**Collected By:** John Barrington, Samantha Gelinas  
**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                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------|
| SHELL CR AT HATHAWAY PARK | <br>G3SD0120   |
| SHELLCREEKRESERVOIRMID    | <br>G3SD0204   |
| MYRTLE SLOUGH AT BERMONT  | <br>G3SD0181 |

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 10/17/2023

1400 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

Rec'd/Inspected

Date:



|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| RQ-2023-10-16-39       | <b>Collected By:</b> John Barrington, Samantha Gelinas             |
| <b>Customer:</b> FDEP  | <b>Field Report Prepared by:</b> John Barrington, Samantha Gelinas |
| <b>Project ID:</b> SMP | <b>Sampling Agency:</b> FDEP                                       |

|                                                             |                                                                           |
|-------------------------------------------------------------|---------------------------------------------------------------------------|
| <b>WIN ID/Field ID:</b><br><b>WIN ID/Field ID:</b> G3SD0120 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |
|-------------------------------------------------------------|---------------------------------------------------------------------------|

|                                            |
|--------------------------------------------|
| <b>Location:</b> SHELL CR AT HATHAWAY PARK |
|--------------------------------------------|

|               |                                                                                         |
|---------------|-----------------------------------------------------------------------------------------|
| Matrix: Fresh | (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>(PPTH) |                          |                 |    |   |   |  |  |
|------------------------------------|--------------|------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------|---------------------|-----------------|-----------------------|------------------------|--------------------|--------------------------|-----------------|----|---|---|--|--|
| 10/17/2023<br>915                  | 4.34         | 52.8                                                                         | 25                                | 6.94                                        | 0.3                 | 0.8             | 2.9                   | 729                    | 0.35               |                          |                 |    |   |   |  |  |
| Parameter Suite                    |              | Parameter Methods                                                            |                                   |                                             |                     | Preservation    |                       | pH 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*                    | X               | <2 | 1 | A |  |  |
|                                    |              | Lot #                                                                        |                                   | NA3123030                                   |                     | Exp:            | 05/10/2024            |                        |                    |                          |                 |    |   |   |  |  |
| 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)                |              | 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-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                                  |                     |                 | 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 (BP-1L)              |              | DTY-QN-C                                                                     |                                   |                                             | PKD-QN-BV           |                 |                       |                        | Ice                |                          |                 |    |   |   |  |  |
| DOC (P-500ML)                      |              | W-DOC                                                                        |                                   | Field Filtered 0.45 um Filter               |                     |                 |                       | Ice                    |                    | H2SO<br>4*               |                 | <2 |   |   |  |  |
|                                    |              |                                                                              | Acid Preservative Expiration Date |                                             |                     |                 |                       |                        |                    |                          |                 |    |   |   |  |  |
|                                    |              |                                                                              | Acid Preservative Lot Number      |                                             |                     |                 |                       |                        |                    |                          |                 |    |   |   |  |  |



|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| RQ-2023-10-16-39       | <b>Collected By:</b> John Barrington, Samantha Gelinas             |
| <b>Customer:</b> FDEP  | <b>Field Report Prepared by:</b> John Barrington, Samantha Gelinas |
| <b>Project ID:</b> SMP | <b>Sampling Agency:</b> FDEP                                       |

|                                                                                                                                               |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0204 | <b>Comments:</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|

|                                         |
|-----------------------------------------|
| <b>Location:</b> SHELLCREEKRESERVOIRMID |
|-----------------------------------------|

|               |                                                                                         |
|---------------|-----------------------------------------------------------------------------------------|
| Matrix: Fresh | (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) |                          |                 |   |   |     |   |  |
|------------------------------------|-----------------------------------|------------------------------------------------------------------------------|-------------------------------|---------------------------------------------|---------------------|-----------------|-----------------------|------------------------|-------------------|--------------------------|-----------------|---|---|-----|---|--|
| 10/17/2023<br>950                  | 5.02                              | 59.5                                                                         | 23.7                          | 7.39                                        | 0.3                 | 0.8             | 1.4                   | 458.3                  | 0.22              |                          |                 |   |   |     |   |  |
| Parameter Suite                    |                                   | Parameter Methods                                                            |                               |                                             |                     | Preservation    |                       | pH 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 #                             |                                                                              | SA3013020                     |                                             | Exp:                | 01/25/2024      |                       |                        |                   |                          |                 |   |   |     |   |  |
| 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   | B |  |
| 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   | 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)                 | X                                 | W-E8321-DI                                                                   |                               | X                                           | W-E8321-MS          |                 |                       | X                      | Ice               | 1                        | B               |   |   |     |   |  |
| 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 (BP-1L)              |                                   | DTY-QN-C                                                                     |                               | PKD-QN-BV                                   |                     |                 | Ice                   |                        |                   |                          |                 |   |   |     |   |  |
| DOC (P-500ML)                      |                                   | W-DOC                                                                        | Field Filtered 0.45 um Filter |                                             |                     |                 | Ice                   |                        | H2SO<br>4*        |                          | <2              |   |   |     |   |  |
|                                    | Acid Preservative Expiration Date |                                                                              |                               |                                             |                     |                 |                       |                        |                   |                          |                 |   |   |     |   |  |
|                                    | Acid Preservative Lot Number      |                                                                              |                               |                                             |                     |                 |                       |                        |                   |                          |                 |   |   |     |   |  |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-10-16-39                                                                                                                              | <b>Collected By:</b> John Barrington, Samantha Gelinas                    |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> John Barrington, Samantha Gelinas        |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0181 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** MYRTLE SLOUGH AT BERMONT

Matrix: Fresh

(Check One)

☒ Grab

☐ 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) |
|------------------------------------|----------------------------------------------------------------------------|-----------------------------------|---------------------------------------------|-------------|---------------------|-----------------|-----------------------|--------------------------|-------------------|
| 10/17/2023<br>1050                 | 6.68                                                                       | 75.9                              | 21.6                                        | 7.46        | 0.25                | 0.5             | 0.5                   | 149.6                    | 0.07              |
| Parameter Suite                    | Parameter Methods                                                          |                                   |                                             |             | Preservation        |                 | pH 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)                   | 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)                | CHLSUITE-W                                                                 |                                   |                                             |             | Ice                 |                 |                       |                          |                   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                             |             | Ice                 |                 |                       |                          |                   |
| 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) | X                                                                          | E Coli                            | F Coli                                      | Enterococci | 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                                  |             | Ice                 | MCAA<br>Exp.    | MCAA<br>Lot#          |                          |                   |
|                                    | W-PCL-TQ-R                                                                 |                                   | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |             |                     |                 |                       |                          |                   |
|                                    | 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         | H2SO<br>4*          | <2              |                       |                          |                   |
|                                    |                                                                            | Acid Preservative Expiration Date |                                             |             |                     |                 |                       |                          |                   |
|                                    |                                                                            | Acid Preservative Lot Number      |                                             |             |                     |                 |                       |                          |                   |