

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 8/11/2021  
**Customer:** SO-DIST  
**RQ:** RQ-2021-08-02-77  
**Collected By:** Nicole Reistad, Monica Jaeger  
**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                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------|
| Little Bonnet Lake @ Middle | <br>G4SD0169   |
| Lake Denton                 | <br>G4SD0180   |
| Lake Apthorpe               | <br>G4SD0185 |
| Lake Damon @ Middle         | <br>G4SD0168 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/11/2021  
1400 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected  
Date:**



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2021-08-02-77                                                                                                                              | <b>Collected By:</b> Nicole Reistad, Monica Jaeger             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nicole Reistad, Monica Jaeger |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SD0169 | <b>Comments:</b>                                               |

**Location:****Location:** Little Bonnet Lake @ Middle

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 |                          |                 |     |    |  |  |
|------------------------------------|---------------|------------------------------------------------------------------------------|----------------|------|---------------------------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|-----------------|-----|----|--|--|
| 8/11/2021<br>1115                  | 8.08          | 107.7                                                                        | 30.1           | 7.92 | 0.3                                         | 0.4             | 3.9                   | 219.9                     | 0.1               |                          |                 |     |    |  |  |
| 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:                                        |                 | 4/30/22               |                           |                   |                          |                 |     |    |  |  |
| Metals (P-500ML)                   |               | W-ICPMS                                                                      |                |      | W-ICP                                       |                 | W-HARD                |                           | Ice               |                          | HNO3*           |     | <2 |  |  |
|                                    | Lot #         |                                                                              |                |      | Exp:                                        |                 |                       |                           |                   |                          |                 |     |    |  |  |
| Filtered Nutrients (P125ML)        | X             | W-PO4-F                                                                      |                | X    | Field Filtered 0.45 µm Filter               |                 | X                     | Ice                       |                   |                          |                 | 1   | A  |  |  |
|                                    | Filter Lot #  |                                                                              | 17162587       |      |                                             |                 |                       |                           |                   |                          |                 |     |    |  |  |
|                                    | Syringe Lot # |                                                                              | 1091364        |      |                                             |                 |                       |                           |                   |                          |                 |     |    |  |  |
| 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) |               | E Coli                                                                       |                |      | F Coli                                      |                 | Enterococci           | Ice                       |                   |                          |                 |     |    |  |  |
|                                    | Contract Lab  |                                                                              |                |      |                                             |                 |                       |                           |                   |                          |                 |     |    |  |  |
| Molecular (QPCR-P-500ML)           |               | PCR-HF183                                                                    |                |      | PCR-BacR                                    |                 | PCR-DG3               | Ice                       |                   |                          |                 |     |    |  |  |
|                                    |               | PCR-GULL2                                                                    |                |      | PCR-GFD                                     |                 |                       |                           |                   |                          |                 |     |    |  |  |
| Tracers (BG-500ML)                 |               | W-E8321-DI                                                                   |                |      | W-E8321-MS                                  |                 |                       | Ice                       |                   |                          |                 |     |    |  |  |
| Pesticides (BG-500ML) (BG-1L)      |               | W-E8321-DI                                                                   |                |      | W-E8321-MS                                  |                 |                       | W-PSNP-TQ                 |                   |                          |                 | Ice |    |  |  |
|                                    |               | W-PCL-TQ-R                                                                   |                |      | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                 |                       | W-CT-CL-R                 |                   |                          |                 |     |    |  |  |
| Phytoplankton                      | X             | DTY-QN-C                                                                     |                | X    | PKD-QN-BV                                   |                 | X                     | Ice                       |                   |                          |                 | 1   | C  |  |  |



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2021-08-02-77                                                                                                                              | <b>Collected By:</b> Nicole Reistad, Monica Jaeger             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nicole Reistad, Monica Jaeger |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SD0180 | <b>Comments:</b>                                               |

**Location:**  
**Location:** Lake Denton

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 |                          |                 |    |  |  |
|------------------------------------|---------------|------------------------------------------------------------------------------|----------------|------|---------------------------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|-----------------|----|--|--|
| 8/11/2021<br>1155                  | 7.84          | 105.3                                                                        | 30.9           | 8.07 | 0.3                                         | 6.9             | 16                    | 273.4                     | 0.13              |                          |                 |    |  |  |
| 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*            | <2                       | 1               | A  |  |  |
|                                    | Lot #         |                                                                              | SA1105060      |      | Exp:                                        |                 | 4/30/22               |                           |                   |                          |                 |    |  |  |
| Metals (P-500ML)                   |               | W-ICPMS                                                                      |                |      | W-ICP                                       |                 | W-HARD                |                           | Ice               |                          | HNO3*           | <2 |  |  |
|                                    | Lot #         |                                                                              |                |      | Exp:                                        |                 |                       |                           |                   |                          |                 |    |  |  |
| Filtered Nutrients (P125ML)        | X             | W-PO4-F                                                                      |                | X    | Field Filtered 0.45 µm Filter               |                 | x                     | Ice                       |                   |                          | 1               | A  |  |  |
|                                    | Filter Lot #  |                                                                              | 17162587       |      |                                             |                 |                       |                           |                   |                          |                 |    |  |  |
|                                    | Syringe Lot # |                                                                              | 1091364        |      |                                             |                 |                       |                           |                   |                          |                 |    |  |  |
| 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) |               | E Coli                                                                       |                |      | F Coli                                      |                 | Enterococci           | Ice                       |                   |                          |                 |    |  |  |
|                                    |               | Contract Lab                                                                 |                |      |                                             |                 |                       |                           |                   |                          |                 |    |  |  |
| Molecular (QPCR-P-500ML)           |               | PCR-HF183                                                                    |                |      | PCR-BacR                                    |                 | PCR-DG3               | Ice                       |                   |                          |                 |    |  |  |
|                                    |               | PCR-GULL2                                                                    |                |      | PCR-GFD                                     |                 |                       |                           |                   |                          |                 |    |  |  |
| Tracers (BG-500ML)                 |               | W-E8321-DI                                                                   |                |      | W-E8321-MS                                  |                 |                       | Ice                       |                   |                          |                 |    |  |  |
| Pesticides (BG-500ML) (BG-1L)      |               | W-E8321-DI                                                                   |                |      | W-E8321-MS                                  |                 |                       | W-PSNP-TQ                 | Ice               |                          |                 |    |  |  |
|                                    |               | W-PCL-TQ-R                                                                   |                |      | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                 |                       | W-CT-CL-R                 |                   |                          |                 |    |  |  |
| Phytoplankton                      |               | DTY-QN-C                                                                     |                |      | PKD-QN-BV                                   |                 |                       | Ice                       |                   |                          |                 |    |  |  |



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2021-08-02-77                                                                                                                              | <b>Collected By:</b> Nicole Reistad, Monica Jaeger             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nicole Reistad, Monica Jaeger |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SD0185 | <b>Comments:</b>                                               |

**Location:**  
**Location:** Lake Apthorpe

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 |                          |                 |    |  |  |
|------------------------------------|---------------|------------------------------------------------------------------------------|----------------|------|---------------------------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|-----------------|----|--|--|
| 8/11/2021<br>1300                  | 7.84          | 104.4                                                                        | 30.4           | 7.23 | 0.3                                         | 1.2             | 8                     | 168.4                     | 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*            | <2                       | 1               | A  |  |  |
|                                    | Lot #         |                                                                              | SA1105060      |      | Exp:                                        |                 | 4/30/22               |                           |                   |                          |                 |    |  |  |
| Metals (P-500ML)                   |               | W-ICPMS                                                                      |                |      | W-ICP                                       |                 | W-HARD                |                           | Ice               |                          | HNO3*           | <2 |  |  |
|                                    | Lot #         |                                                                              |                |      | Exp:                                        |                 |                       |                           |                   |                          |                 |    |  |  |
| Filtered Nutrients (P125ML)        | X             | W-PO4-F                                                                      |                | X    | Field Filtered 0.45 µm Filter               |                 | x                     | Ice                       |                   |                          | 1               | A  |  |  |
|                                    | Filter Lot #  |                                                                              | 17162587       |      |                                             |                 |                       |                           |                   |                          |                 |    |  |  |
|                                    | Syringe Lot # |                                                                              | 1091364        |      |                                             |                 |                       |                           |                   |                          |                 |    |  |  |
| 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) |               | E Coli                                                                       |                |      | F Coli                                      |                 | Enterococci           | Ice                       |                   |                          |                 |    |  |  |
|                                    | Contract Lab  |                                                                              |                |      |                                             |                 |                       |                           |                   |                          |                 |    |  |  |
| Molecular (QPCR-P-500ML)           |               | PCR-HF183                                                                    |                |      | PCR-BacR                                    |                 | PCR-DG3               | Ice                       |                   |                          |                 |    |  |  |
|                                    |               | PCR-GULL2                                                                    |                |      | PCR-GFD                                     |                 |                       |                           |                   |                          |                 |    |  |  |
| Tracers (BG-500ML)                 |               | W-E8321-DI                                                                   |                |      | W-E8321-MS                                  |                 |                       | Ice                       |                   |                          |                 |    |  |  |
| Pesticides (BG-500ML) (BG-1L)      |               | W-E8321-DI                                                                   |                |      | W-E8321-MS                                  |                 |                       | W-PSNP-TQ                 |                   |                          | Ice             |    |  |  |
|                                    |               | W-PCL-TQ-R                                                                   |                |      | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                 |                       | W-CT-CL-R                 |                   |                          |                 |    |  |  |
| Phytoplankton                      |               | DTY-QN-C                                                                     |                |      | PKD-QN-BV                                   |                 |                       | Ice                       |                   |                          |                 |    |  |  |



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2021-08-02-77                                                                                                                              | <b>Collected By:</b> Nicole Reistad, Monica Jaeger             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nicole Reistad, Monica Jaeger |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SD0168 | <b>Comments:</b>                                               |

**Location:****Location:** Lake Damon @ Middle

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 |                          |                 |     |    |   |   |
|------------------------------------|---------------|------------------------------------------------------------------------------|------------|----------------|---------------------------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|-----------------|-----|----|---|---|
| 8/11/2021<br>1025                  | 7.01          | 93.7                                                                         | 30.6       | 6.63           | 0.3                                         | 2.1             | 4.9                   | 170.4                     | 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   | B  |   |   |
|                                    | Lot #         |                                                                              | SA1105060  |                | Exp:                                        |                 | 04/30/22              |                           |                   |                          |                 |     |    |   |   |
| Metals (P-500ML)                   | X             | W-ICPMS                                                                      |            | X              | W-ICP                                       | X               | W-HARD                | X                         | Ice               | X                        | HNO3*           | X   | <2 | 1 | B |
|                                    | Lot #         |                                                                              | NA11050100 |                | Exp:                                        |                 | 06/07/22              |                           |                   |                          |                 |     |    |   |   |
| Filtered Nutrients (P125ML)        | X             | W-PO4-F                                                                      |            | X              | Field Filtered 0.45 µm Filter               |                 | X                     | Ice                       |                   |                          |                 | 1   | B  |   |   |
|                                    | Filter Lot #  |                                                                              | 17162587   |                |                                             |                 |                       |                           |                   |                          |                 |     |    |   |   |
|                                    | Syringe Lot # |                                                                              | 1091364    |                |                                             |                 |                       |                           |                   |                          |                 |     |    |   |   |
| Chlorophyll (BP-1L)                | X             | CHLSUITE-W                                                                   |            |                |                                             | X               | Ice                   |                           | 1                 |                          |                 | B   |    |   |   |
| 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                 |                          |                 | B   |    |   |   |
| 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) |               | E Coli                                                                       |            |                | F Coli                                      |                 |                       | Enterococci               |                   |                          |                 | Ice |    |   |   |
|                                    | Contract Lab  |                                                                              |            |                |                                             |                 |                       |                           |                   |                          |                 |     |    |   |   |
| Molecular (QPCR-P-500ML)           |               | PCR-HF183                                                                    |            |                | PCR-BacR                                    |                 |                       | PCR-DG3                   |                   | Ice                      |                 |     |    |   |   |
|                                    |               | PCR-GULL2                                                                    |            |                | PCR-GFD                                     |                 |                       |                           |                   |                          |                 |     |    |   |   |
| Tracers (BG-500ML)                 |               | W-E8321-DI                                                                   |            |                | W-E8321-MS                                  |                 |                       | Ice                       |                   |                          |                 |     |    |   |   |
| Pesticides (BG-500ML) (BG-1L)      |               | W-E8321-DI                                                                   |            |                | W-E8321-MS                                  |                 |                       | W-PSNP-TQ                 |                   | Ice                      |                 |     |    |   |   |
|                                    |               | W-PCL-TQ-R                                                                   |            |                | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                 |                       | W-CT-CL-R                 |                   |                          |                 |     |    |   |   |
| Phytoplankton                      |               | DTY-QN-C                                                                     |            |                | PKD-QN-BV                                   |                 |                       | Ice                       |                   |                          |                 |     |    |   |   |