

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 6/13/2024  
**Customer:** SE-DIST  
**RQ:** RQ-2024-05-20-18

**Collected By:** Natalie Howard, Drew Liddick  
**Sampling Agency:** FDEP  
**Project ID:** SMP

**EDD file path:** [https://floridadep.sharepoint.com/dear/Sample%20Receiving/2024/2024-05-20-18\\_SE-DIST\\_COC\\_EDD\\_2024\\_06\\_13.txt](https://floridadep.sharepoint.com/dear/Sample%20Receiving/2024/2024-05-20-18_SE-DIST_COC_EDD_2024_06_13.txt)

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                                                                                |
|--------------------------------------|------------------------------------------------------------------------------------------------|
| ARBUCKLE BRANCH AT ARBUCKLE CREEK RD | <br>G4SE0149 |
| JACKSON CREEK AT SR66                | <br>G4SE0187 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 6/13/2024  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

Rec'd/Inspected  
Date:

|                        |                                                               |
|------------------------|---------------------------------------------------------------|
| RQ-2024-05-20-18       | <b>Collected By:</b> Natalie Howard, Drew Liddick             |
| <b>Customer:</b> FDEP  | <b>Field Report Prepared by:</b> Natalie Howard, Drew Liddick |
| <b>Project ID:</b> SMP | <b>Sampling Agency:</b> FDEP                                  |

|                                                                                                                                               |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SE0149 | <b>Comments:</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|

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 <sub>h</sub> ) |
|------------------------|--------------|--------------|----------|------|---------------------|-----------------|-----------------------|------------------------|---------------------------------|
| 6/13/2024<br>905       | 4.95         | 60.5         | 25.6     | 6.14 | 0.05                | 0.1             | 0.1                   | 217.7                  | 0.1                             |

| 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  | F |  |
|                                    | Lot #                             |                                                                              | SA3340020 |                |                                          | Exp:       |      | 12/11/2024  |              |     |     |           |           |                       |              |    |   |  |
| 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  | F |  |
| 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  | F |  |
| 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 |           |           |                       | 1            | F  |   |  |
|                                    | Contract Lab                      |                                                                              |           |                |                                          |            |      |             |              |     |     |           |           |                       |              |    |   |  |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                    |           |                | PCR-BacR                                 |            |      | PCR-DG3     |              |     | Ice |           |           |                       |              |    |   |  |
|                                    |                                   | PCR-GULL2                                                                    |           |                | PCR-GFD                                  |            |      |             |              |     |     |           |           |                       |              |    |   |  |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                   |           |                | W-E8321-MS                               |            |      |             |              | Ice |     |           |           |                       |              |    |   |  |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                   |           |                | W-E8321-MS                               |            |      | W-PSNP-TQ   |              |     | Ice | MCAA Exp. | MCAA Lot# |                       |              |    |   |  |
|                                    |                                   | W-PCL-TQ-R                                                                   |           |                | W-CARB-AA (5 ml of MCAA Buffer Solution) |            |      | W-CT-CL-R   |              |     |     |           |           |                       |              |    |   |  |
|                                    |                                   | W-TR-SQ-R                                                                    |           |                |                                          | W-PCB-TQ-R |      |             |              |     |     |           |           |                       |              |    |   |  |
| Phytoplankton (BP-1L)              |                                   | DTY-QN-C                                                                     |           |                | PKD-QN-BV                                |            |      |             |              | Ice |     |           |           |                       |              |    |   |  |
| DOC (P-500ML)                      |                                   | W-DOC                                                                        |           |                | Field Filtered 0.45 um Filter            |            |      |             |              | Ice |     | H2SO 4*   |           |                       | <2           |    |   |  |
|                                    | Acid Preservative Expiration Date |                                                                              |           |                |                                          |            |      |             |              |     |     |           |           |                       |              |    |   |  |
|                                    | Acid Preservative Lot Number      |                                                                              |           |                |                                          |            |      |             |              |     |     |           |           |                       |              |    |   |  |

|                        |                                                               |
|------------------------|---------------------------------------------------------------|
| RQ-2024-05-20-18       | <b>Collected By:</b> Natalie Howard, Drew Liddick             |
| <b>Customer:</b> FDEP  | <b>Field Report Prepared by:</b> Natalie Howard, Drew Liddick |
| <b>Project ID:</b> SMP | <b>Sampling Agency:</b> FDEP                                  |

|                                                                                                                                               |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SE0187 | <b>Comments:</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|

**Location:** JACKSON CREEK AT SR66

|               |                                                                                         |
|---------------|-----------------------------------------------------------------------------------------|
| 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 <sub>h</sub> ) |
|------------------------|--------------|--------------|----------|------|---------------------|-----------------|-----------------------|------------------------|---------------------------------|
| 6/13/2024<br>1115      | 5.7          | 71.4         | 27.3     | 5.56 | 0.3                 | 0.5             | 0.8                   | 88.3                   | 0.04                            |

| 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                     | I            |   |   |
|                                    | Lot #                             |                                                                              | SA3340020                                |                               | Exp:          |             | 12/11/2024 |              |     |           |           |    |                       |              |   |   |
| 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          |     |           |           |    |                       |              |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |               |             | X          | Ice          |     |           |           |    |                       |              |   |   |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-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 | I |
|                                    | Contract Lab                      |                                                                              |                                          |                               |               |             |            |              |     |           |           |    |                       |              |   |   |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                    |                                          | PCR-BacR                      |               | PCR-DG3     |            |              | Ice |           |           |    |                       |              |   |   |
|                                    |                                   | PCR-GULL2                                                                    |                                          | PCR-GFD                       |               |             |            |              |     |           |           |    |                       |              |   |   |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                   |                                          | W-E8321-MS                    |               |             |            |              | Ice |           |           |    |                       |              |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                   | W-E8321-MS                               |                               |               | W-PSNP-TQ   |            |              | Ice | MCAA Exp. | MCAA Lot# |    |                       |              |   |   |
|                                    |                                   | W-PCL-TQ-R                                                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               |               | W-CT-CL-R   |            |              |     |           |           |    |                       |              |   |   |
|                                    |                                   | W-TR-SQ-R                                                                    |                                          | W-PCB-TQ-R                    |               |             |            |              |     |           |           |    |                       |              |   |   |
| Phytoplankton (BP-1L)              |                                   | DTY-QN-C                                                                     |                                          | PKD-QN-BV                     |               |             |            |              | Ice |           |           |    |                       |              |   |   |
| DOC (P-500ML)                      |                                   | W-DOC                                                                        |                                          | Field Filtered 0.45 um Filter |               |             |            | Ice          |     | H2SO 4*   |           | <2 |                       |              |   |   |
|                                    | Acid Preservative Expiration Date |                                                                              |                                          |                               |               |             |            |              |     |           |           |    |                       |              |   |   |
|                                    | Acid Preservative Lot Number      |                                                                              |                                          |                               |               |             |            |              |     |           |           |    |                       |              |   |   |