

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 6/18/2024  
**Customer:** SE-DIST  
**RQ:** RQ-2024-04-29-45

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

**EDD file path:** [https://floridadep.sharepoint.com/dear/Sample%20Receiving/2024/2024-04-29-45\\_SE-DIST\\_COC\\_EDD\\_2024\\_06\\_18.txt](https://floridadep.sharepoint.com/dear/Sample%20Receiving/2024/2024-04-29-45_SE-DIST_COC_EDD_2024_06_18.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                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| OAK CREEK AT 68                             | <br>G4SE0080 |
| CHANDLER SLOUGH AT NORTHERN US98<br>CULVERT | <br>G4SE0141 |

RELINQUISHED BY(SIGNATURE):



**DATE/TIME:** 6/18/2024  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected  
Date:**

|                        |                                                               |
|------------------------|---------------------------------------------------------------|
| RQ-2024-04-29-45       | <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> G4SE0080 | <b>Comments:</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|

**Location:** OAK CREEK AT 68

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>(PPTH) |
|------------------------|--------------|--------------|----------|------|---------------------|-----------------|-----------------------|------------------------|--------------------|
| 6/18/2024<br>1000      | 3.23         | 42.2         | 27.7     | 7.49 | 0.3                 | 0.2             | 0.65                  | 275                    | 0.13               |

| Parameter Suite                    | Parameter Methods                 |                                                                              |           |                |                                          |            |            |             | Preservation |     |           | pH Check  |       | # Bottles sent to Lab | Bottle Group |   |   |
|------------------------------------|-----------------------------------|------------------------------------------------------------------------------|-----------|----------------|------------------------------------------|------------|------------|-------------|--------------|-----|-----------|-----------|-------|-----------------------|--------------|---|---|
| Preserved Nutrients (P-500ML)      | X                                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |           |                |                                          |            |            | X           | Ice          | X   | H2SO4*    | X         | <2    | 1                     | A            |   |   |
|                                    | Lot #                             |                                                                              | SA3340020 |                | Exp:                                     |            | 12/11/2024 |             |              |     |           |           |       |                       |              |   |   |
| Metals (P-500ML)                   | x                                 | W-ICPMS                                                                      |           | X              | W-ICP                                    |            | X          | W-HARD      |              | X   | Ice       | X         | HNO3* | X                     | <2           | 1 | A |
|                                    | Lot #                             |                                                                              | NA3193130 |                | Exp:                                     |            | 07/27/2024 |             |              |     |           |           |       |                       |              |   |   |
| 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)                | 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       |           |       |                       |              |   |   |
|                                    | 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-2024-04-29-45                                                                                                                              | <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> G4SE0141 | <b>Comments:</b>                                              |

**Location:** CHANDLER SLOUGH AT NORTHERN US98 CULVERT

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> ) |                 |   |   |
|------------------------------------|-----------------------------------|----------------------------------------------------------------------------|---------------------------------------------|-------------------------------|---------------------|-----------------|-----------------------|------------------------|---------------------------------|-----------------|---|---|
| 6/18/2024<br>1200                  | 1.03                              | 13.2                                                                       | 26.5                                        | 6.97                          | 0.3                 | 0.3             | 1.13                  | 463                    | 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 #                                                                      |                                             | 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 µm 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-CHC / 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) | X                                 | E Coli                                                                     | F Coli                                      | Enterococci                   |                     | X               | Ice                   |                        |                                 | 1               | B |   |
|                                    |                                   | Contract Lab                                                               |                                             |                               |                     |                 |                       |                        |                                 |                 |   |   |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                  | PCR-BacR                                    | PCR-DG3                       |                     |                 | Ice                   |                        |                                 |                 |   |   |
|                                    |                                   | PCR-GULL2                                                                  | PCR-GFD                                     |                               |                     |                 |                       |                        |                                 |                 |   |   |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                 | W-E8321-MS                                  |                               |                     | Ice             |                       |                        |                                 |                 |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                 | W-E8321-MS                                  | W-PSNP-TQ                     |                     |                 | Ice                   | MCAA<br>Exp.           | MCAA<br>Lot#                    |                 |   |   |
|                                    |                                   | W-PCL-TQ-R                                                                 | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) | W-CT-CL-R                     |                     |                 |                       |                        |                                 |                 |   |   |
|                                    |                                   | W-TR-SQ-R                                                                  | W-PCB-TQ-R                                  |                               |                     |                 |                       |                        |                                 |                 |   |   |
| Phytoplankton (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      |                                                                            |                                             |                               |                     |                 |                       |                        |                                 |                 |   |   |